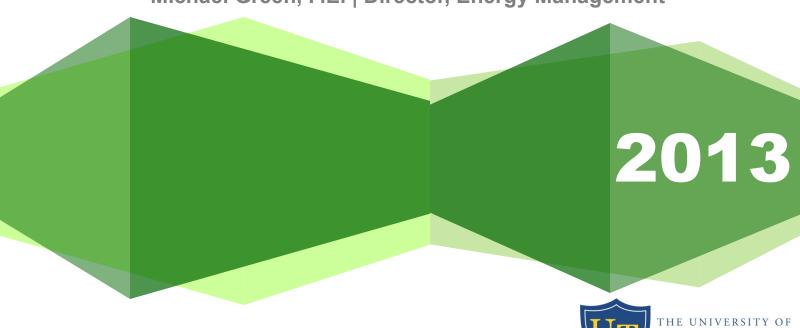
Energy Summary

The University of Toledo

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





ENERGY SUMMARY

FISCAL YEAR 2013

Main Campus | Health Science Campus | Scott Park Campus for Energy and Innovation

PREPARED BY

Michael Green, P.E. Director, Energy Management

TABLE OF CONTENTS

Weather Graphs		
Yearly Degree Day Summary		
Monthly Degree Day Summary	Page '	15
Electric Graphs		
UT All Campuses Yearly Substation with Cost		
UTCampuses Monthly Substation	Page	19
Main Campus Yearly Substation with Cost	Page	2
Main Campus Monthly Substation		
Scott Park Campus Yearly Substation with Cost		
Scott Park Campus Monthly Substation	Page	27
Health Science Campus Yearly Substation with Cost		
Health Science Campus Monthly Substation	Page	3′
Steam Graphs		
UT All Campuses Yearly Steam Plant Combined Coal/Gas	Page 3	33
Main Campus Yearly Steam Plant Gas	Page 3	35
Main Campus Monthly Steam Plant Gas	Page :	37
Health Science Campus Yearly Powerhouse Coal/Gas	Page :	39
Health Science Campus Monthly Powerhouse Coal/Gas	Page 4	41
UT Campus Yearly Steam Production	Page 4	43
Main Campus Yearly Steam Production		
Main Campus Monthly Steam Production		
Health Science Campus Yearly Steam Production		
Health Science Campus Monthly Steam Production	Page 8	51
Chilled Water Graph		
Health Science Campus Mechanical Cooling	Page :	53

Energy Utilization Index Graphs		
UT Campus Weather Adjusted Energy Utilization Index	Page	55
Main Campus Building Energy Utilization Index (A-M)	Page	57
Main Campus Building Energy Utilization Index (N-W)		
Scott Park Campus Building Energy Utilization Index	Page	61
Health Science Campus Building Energy Utilization Index		
Trouble Colonics Campus Ballating Energy Campation Indox	. ago	
BUILDING UTILITY USAGE		
Main Campus	Page	65
Health Science Campus.	_	
Scott Park Science Campus for Energy and Innovation		
Cook i and Colonice Campacitor Energy and innovation	i ugo	
BUILDING UTILITY COSTS		
Main Campus	Page	67
Health Science Campus.		
Scott Park Science Campus for Energy and Innovation		
ocold i aik ocience campus for Energy and innovation	i age	UC
ENERGY UTILIZATION INDEX BY BUILDING		
Main Campus		
Academic House	Page	60
Bowmen-Oddy Laboratories.	_	
Carlson Library		
Carter Hall East and West	_	
Center for Performing Arts		
Center for Visual Arts		
Child Care Center		
The Computer Center (University Computer Center)		
Crossings (The Crossings)	_	
Dowd Nash White		
Driscoll Alumni Center	_	
Gillham Hall		
Glass Bowl Stadium	_	
Grounds and Fleet Services	_	
Health and Human Services		
Health Education Building		
International House (Horton)		
Lake Erie Center	Page	86
Larimer Athletic Complex	Page	87
Law Center	Page	88
Levis House	Page	89
Libbey Hall	_	
MacKinnon Hall		
McComas Village	_	
McMaster Hall	_	
Memorial Field House		
Nitschke Hall.	_	
Nitschke Technology Commercialization Complex		
North Engineering		
Ottawa House East and West		
Palmer Hall	_	

ENERGY UTILIZATION INDEX PER BUILDING

Main Campus (cont)	
Parks Tower	Page 10
Peterson House	
Plant Operations	•
Research and Technology 1	
Ritter Astrophysical Research Center	
Rocket Hall	
Savage Hall	•
Scott Tucker Hall	•
Sculptural Studies	_
Snyder Memorial	•
Stranahan Arboretum	
Stranahan Hall	_
Student Medical Center	
Student Recreation Center	
Student Union	
Sullivan Hall	
Transportation Center	•
University Hall	
Westwood Research Annex	_
Westwood Building	
Wolfe Hall	
	J
Health Science Campus	
Center for Creative Education	Page 12
Collier Allied Health Building	
Dana Center	•
Dowling Hall and the Morse Center	
Facilities Support Building	Page 12
Glendale Medical Center	•
Health Education Building	•
Heatherdowns Educare Čenter	
Hospital (University of Toledo Medical Center)	
Kobacker Center	Page 130
Lab Incubator	
Mulford Library	
Northwest Ohio Medical Technology Center	Page 13
Paul Block, Jr. Health Science Building	
Records Retention	
Ruppert Center	_
Veteran's Administration	
Scott Park Campus	
Basic Science Laboratory Center Allied Health Classroom Center I	Page 138
Engineering Technology Laboratory Center	
Faculty Annex	
Findley Athletic Complex	
Learning Resource Center Academic Services Center and Concourse	

ENERGY UTILIZATION INDEX PER BUILDING

Scott Park Campus (cont)	
Non-Academic Services Center	Page 143
Scott Park Student Center	Page 144

FY2013 ENERGY SUMMARY

The University of Toledo had an excellent energy year. The energy consumption for FY12 was 8.2% less than FY11. The total heating days were down 21%, the cooling degree days were up 5.6%. The overall energy use was reduced by 8.2%

Electric Usage

The combined campus electric cost has been reduced by 16.6% due to the electric rate bid that Began at the end of FY2013. The University's total electric use is 2.2% lower from FY2011 to FY2013 despite the extreme weather conditions from this past spring.



- Main Campus was reduced 1.9%
- Scott Park Campus was reduced 13.6%
- Health Science Campus increased by 1.9%

Natural Gas Usage

The combined campus natural gas usage has been reduced by 24.3%. Our cost reduction exceeded these percentages due to favorable pricing.

- Main Campus was reduced 11.2%
- Health Science Campus was reduced by 37.3%
- Scott Park Campus for Energy and Innovation is all electric

Steam Usage

The combined campus steam production has been reduced by 21.4% exceeding the total heating degree days percent decrease.

- Main Campus was reduced 13.4%
- Health Science Campus was reduced 30.1%
- Scott Park Campus for Energy and Innovation is all electric

Water & Storm Usage

The University's total water and storm usage remained flat despite a cost increase of approximately 10% per year.



FY2013 SUPPLEMENTAL INFORMATION

Our list of accomplishments is impressive. Most true successes are achieved thru partnering. Thanks to the deans, professors, contractors, architects, engineers, the City of Toledo and students, who participated in the Do More Campaign and add to our accomplishments:

 Construction of Algae Research Center on the Scott Park Campus

(Sridhar Viamajala, Ph.D., Assistant Professor—College of Engineering)

Completion of exterior LED lighting

(James Graff, Director—Facilities Operations)



 Cogeneration gas/electric heating and cooling plant at the Computer Center on the Main Campus

(Chuck Lehnert—Vice President, Office of Administration)

Boiler 5 installed at the Health Science Campus

(UT Energy Management Team)

- Carbon monoxide capture project at coal plant with Stanford Research Institute (Lloyd A. Jacobs, M.D., President—The University of Toledo)
- Upgrading campus metering system for improved energy management and proactive maintenance

(Harvey Vershum, Energy Director—Retired)

Student Concept to Creation Senior Design Project | Project: Relighting MIME
 Engineering Machine Shop

(John Jaegly, Engineering Lab Supervisor and Dr. Nagi Naganathan, Dean—College of Engineering)

Student senior design rain water collection white paper on system water use

(Defne Apul, Ph.D., Associate Professor—College of Engineering)



FY2013 SUPPLEMENTAL INFORMATION

- City of Toledo Composting Feasibility Grant (Lloyd A. Jacobs, M.D., President—The University of Toledo and Hon. Michael Bell, Mayor—City of Toledo)
- Several First Energy Rebate checks that were rolled back into future energy reduction lighting projections (UT Energy Management Team)



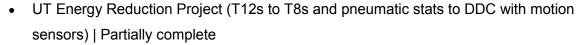
Overall, FY2013 energy costs were at \$12.1 million vs. FY2011 at \$12.6 million, this is due largely in part to a reduction in energy use and costs. Our Energy Utilization Index (EUI) is below our 2004 EUI which is a remarkable achievement given the complexity of our systems and amount of lab space and University Growth. The Health Science Campus use is slightly up while the costs are down. We remain challenged in achieving the Governor's 20% reduction mandate. Given the budget challenges, The University of Toledo has again exceeded in its overall energy management goals while dealing with the extreme daily weather conditions. The University of Toledo Energy Management Team is aggressively pursuing energy reduction projects based on the 2009 energy assessment. Thanks to all who have contributed toward the University's goal of carbon neutrality.

FY2013 ENERGY OUTLOOK

The University of Toledo's projected square footage will increase in FY13 with the Simulation Center addition and Medical Mall coming online. The electric and gas rate are lower for FY14 due to strong bid language. Steam production efficiency is projected to improve another 10% due to new equipment and further improved processes.

Upcoming Sustainable and Energy Related Projects

- Main Campus Cogeneration Plant at the Computer Center | Partially complete
- Health Science Campus and Medical Center chilled water pumping | Partially complete
- UT daily electrical metering | Partially complete
- UT steam and chilled water metering | In progress
- Main Campus steam and chilled water line extension project | In progress



- UT LEED silver 4 projects | In progress
- UT and City of Toledo Composting Feasibility Study | In progress
- Health Science Campus Boiler 6 project | In progress
- UT SEED (sustainability, energy efficiency and design) initiative and interactive educational website | In progress
- UT State Energy Reporting for Governor's 20% reduction mandate
- UT 1 Energy Star compliant building
- UT rebates (UT Energy Management Team and PlugSmart) | In Progress
- UT Grid Balancing with PJM | Design
- UT Westerville Fuel Energy Fuel Cell opportunity | Design

Student Centered Projects

- UT Student Sustainability Project (Friday Night Lights, Blackout, Campus National Conservation) | In progress
- UT Bike Share | Pursuing grants



FY2013 ENERGY OUTLOOK

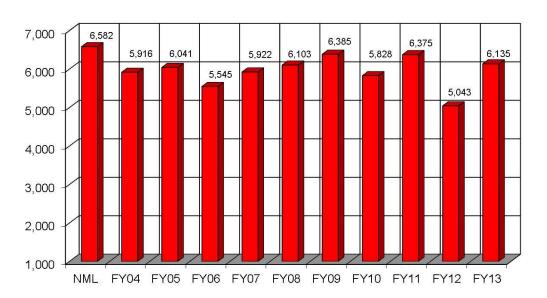
The University is working to meet the Governor's 20% energy reduction mandate. The energy management group has requested the further funding to do campus wide energy

conservation projects that will achieve this goal and will purse it diligently with the given funds in FY2013. The meter starts July 1, 2013 (FY2014) and while we are behind in energy reduction to achieve the 20% benchmark, we have several projects underway to assist the University in moving toward the Governor's energy reduction target.

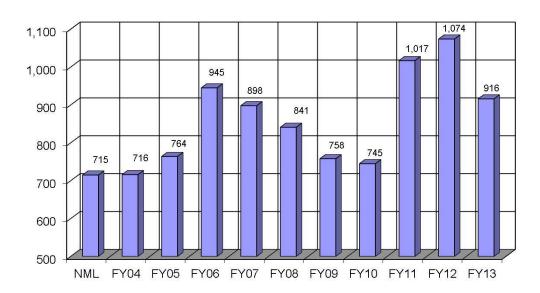


YEARLY DEGREE DAY SUMMARY

HEATING DEGREE DAYS

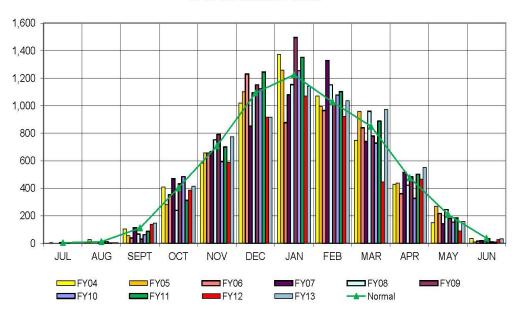


COOLING DEGREE DAYS

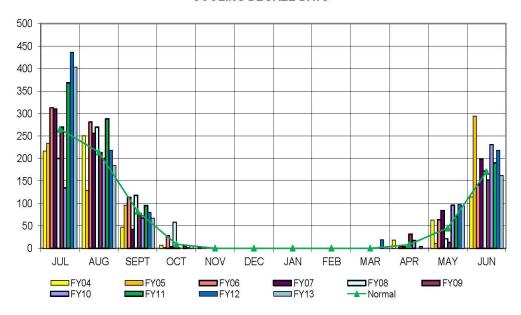


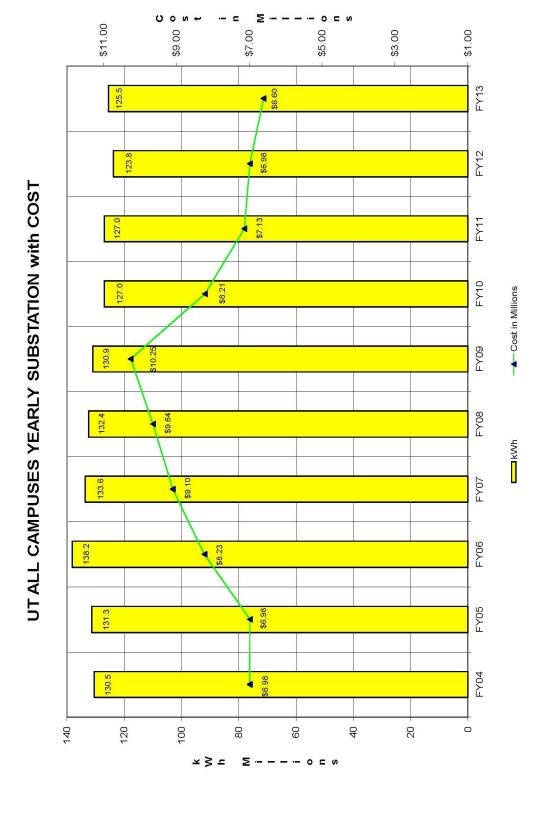
MONTHLY DEGREE DAY SUMMARY

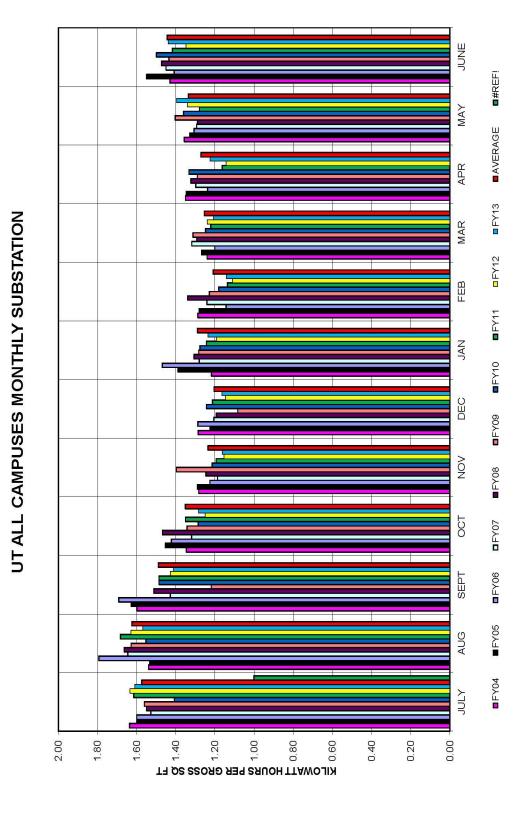
HEATING DEGREE DAYS

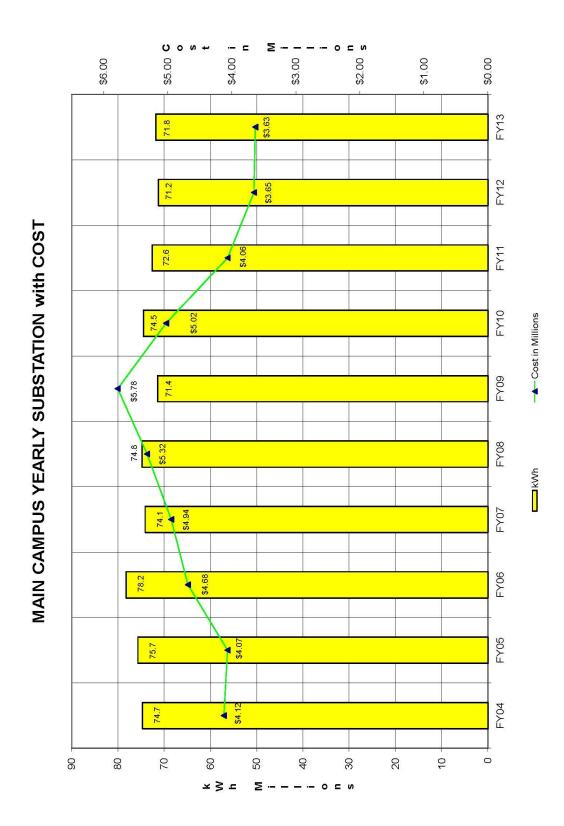


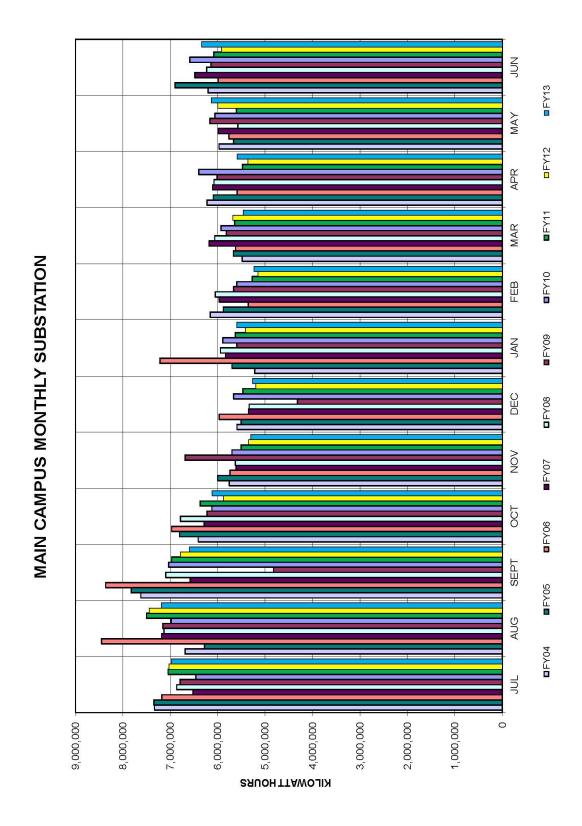
COOLING DEGREE DAYS

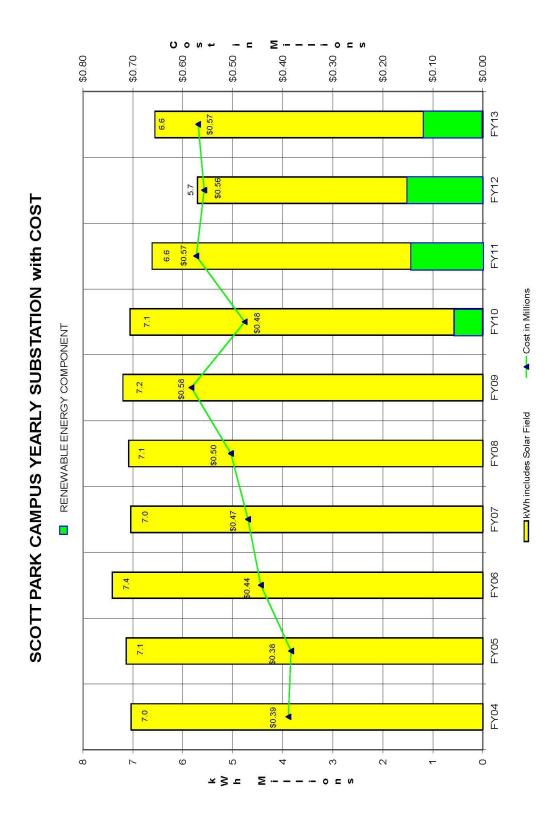


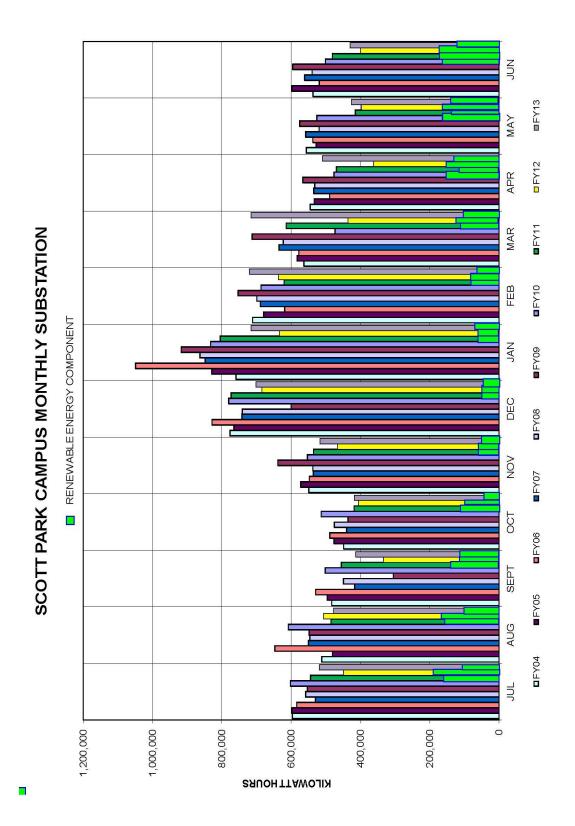


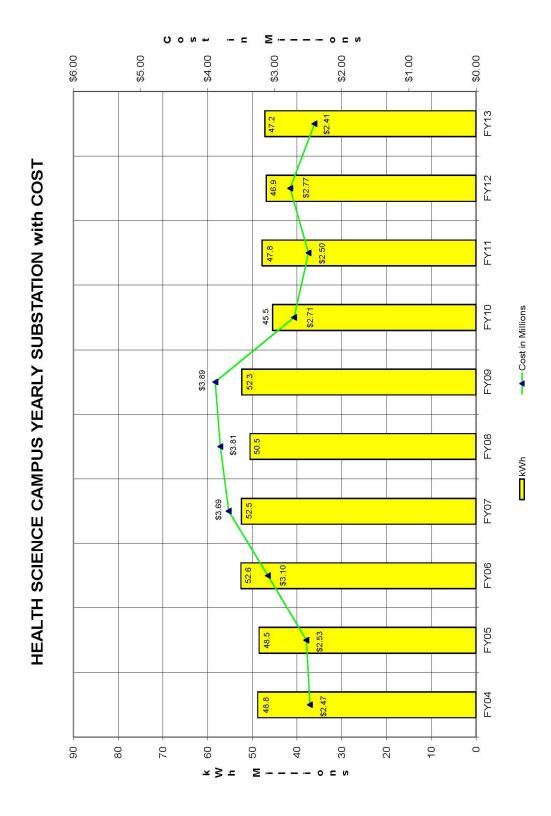


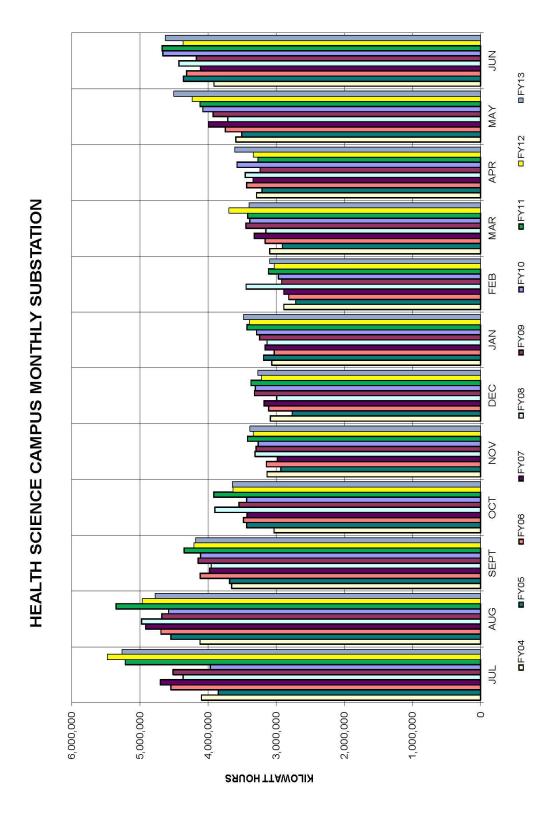




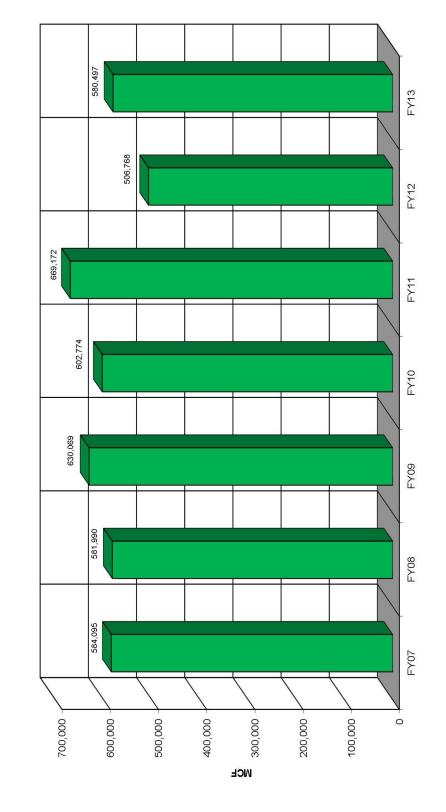






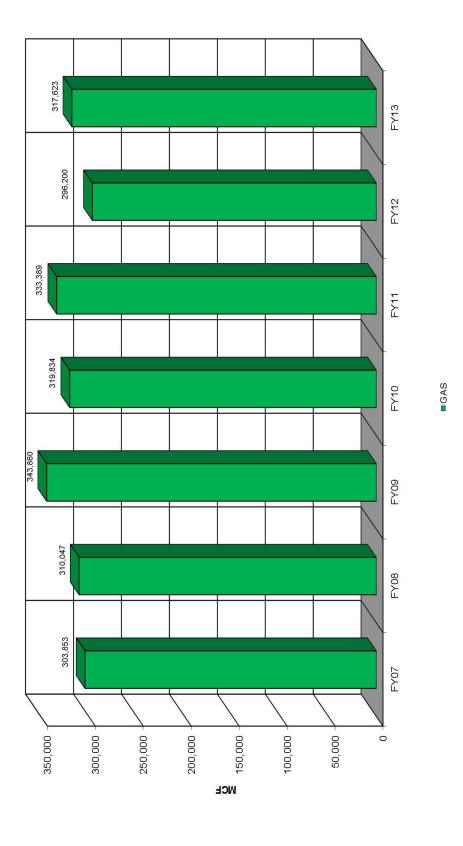


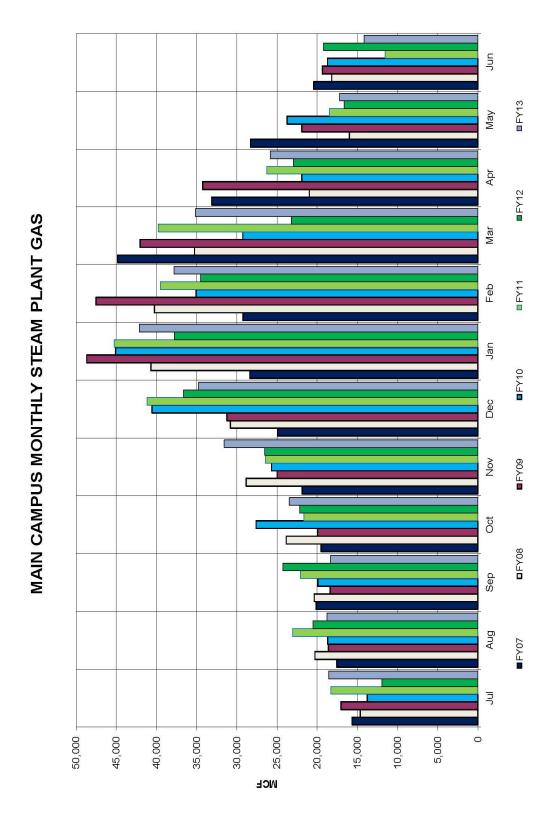
UT ALL CAMPUSES YEARLY STEAM PLANT COMBINED COAL/GAS



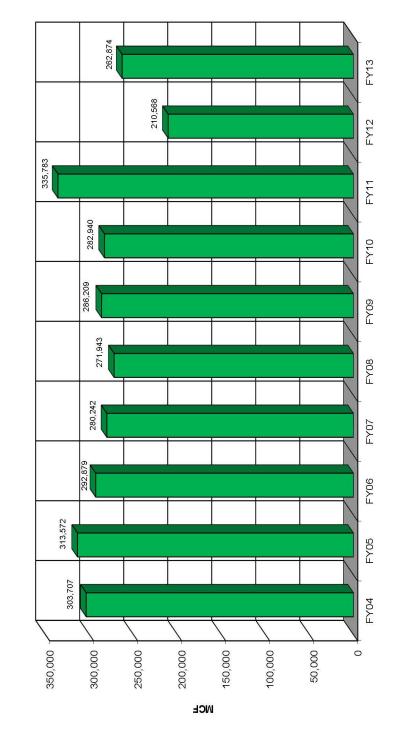
■ COMBINED COAL/GAS

MAIN CAMPUS YEARLY STEAM PLANT GAS

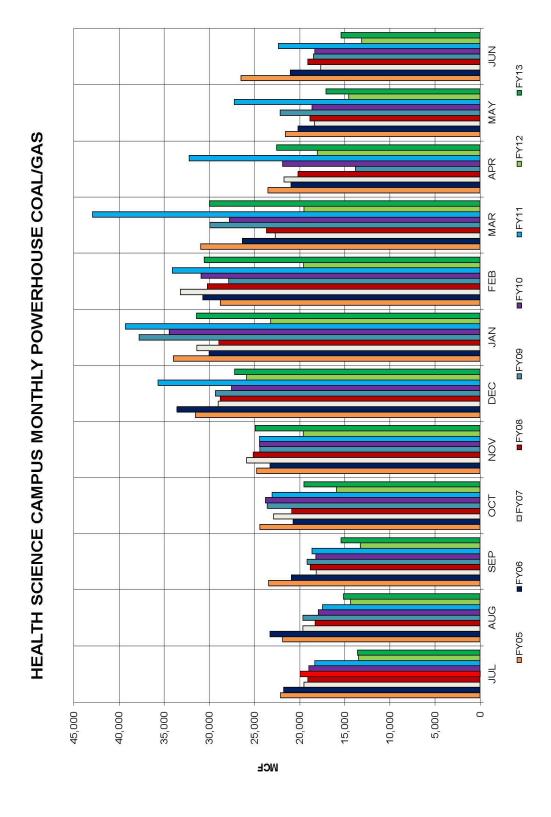




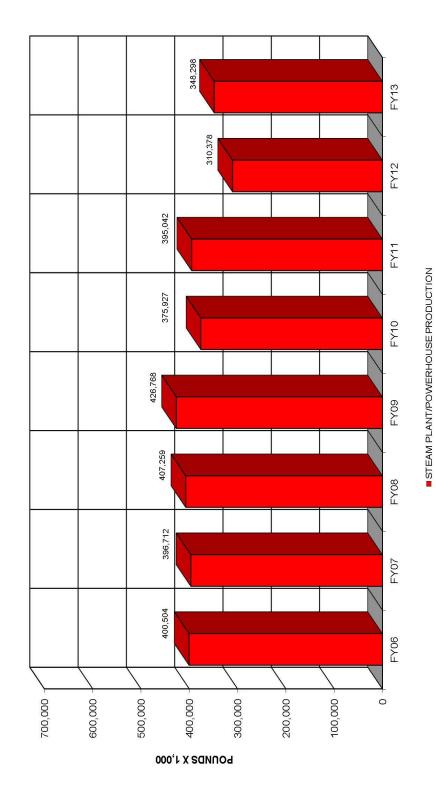
HEALTH SCIENCE CAMPUS YEARLY POWERHOUSE COAL/GAS



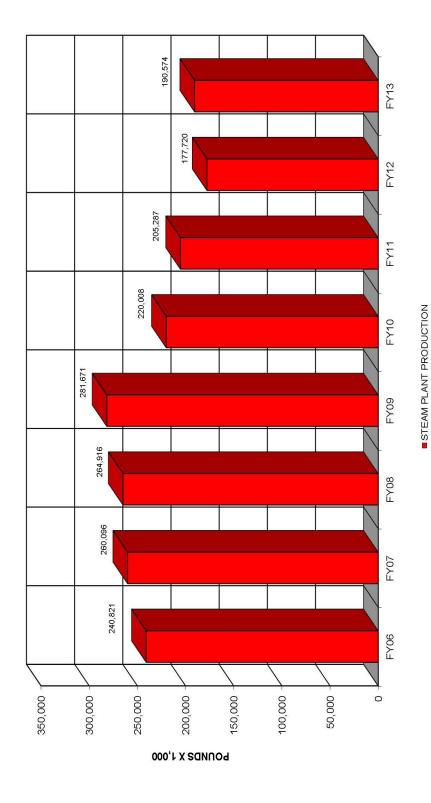
■ COMBINED COAL/GAS

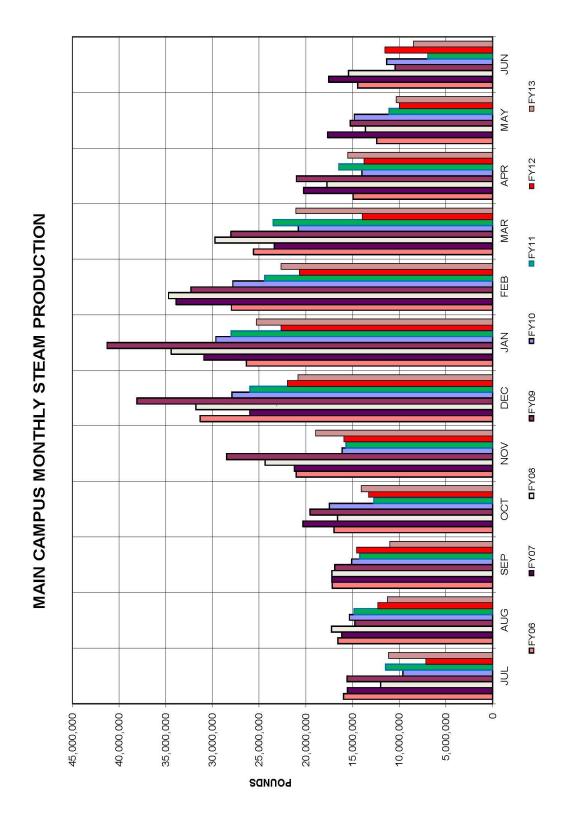


UT ALL CAMPUSES YEARLY STEAM PRODUCTION

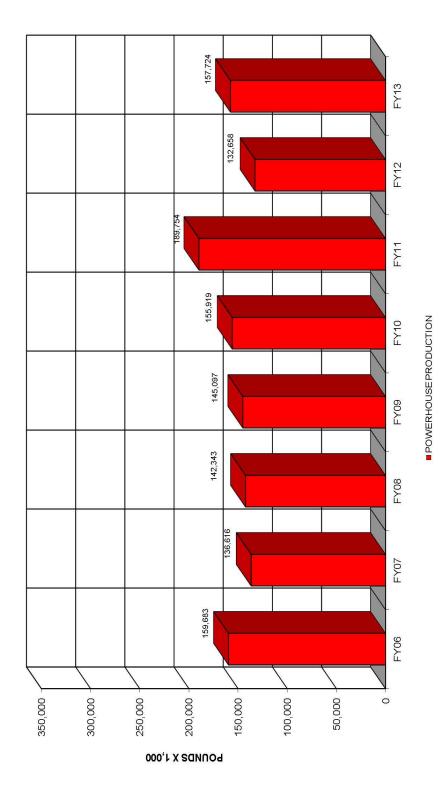


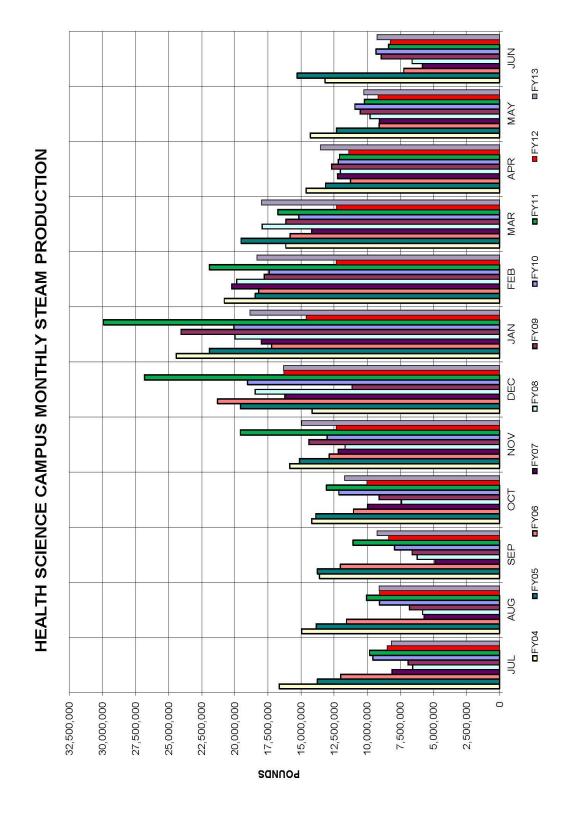
MAIN CAMPUS YEARLY STEAM PRODUCTION

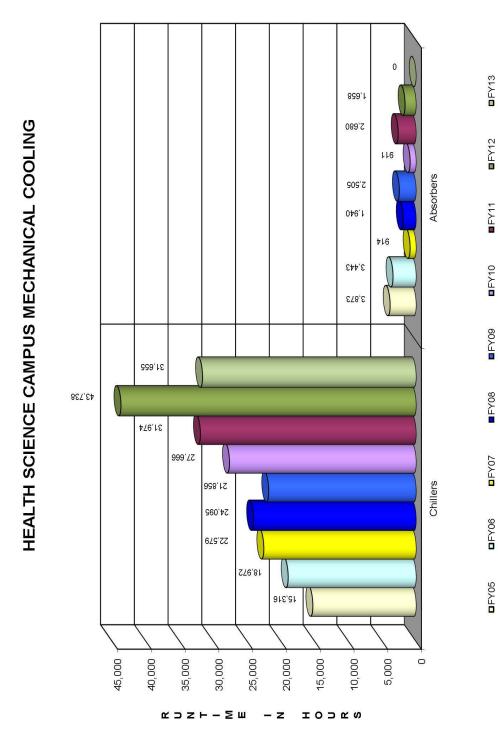


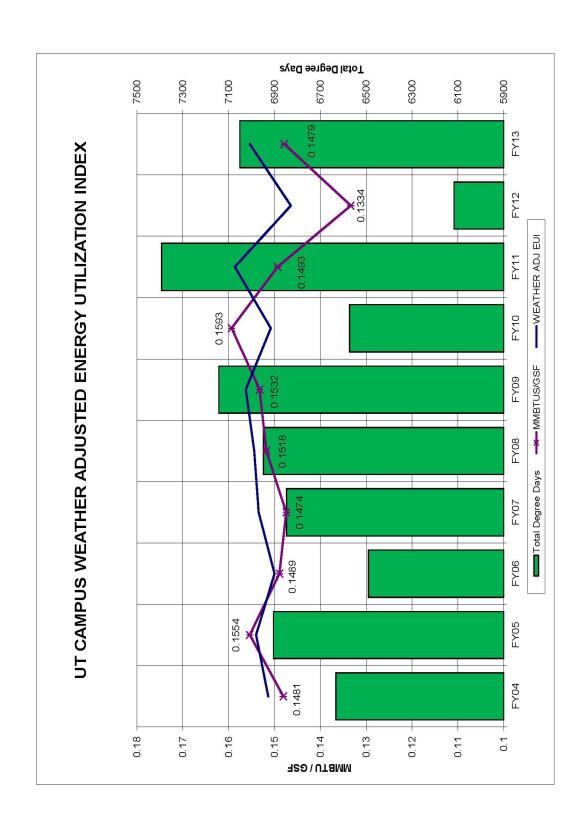


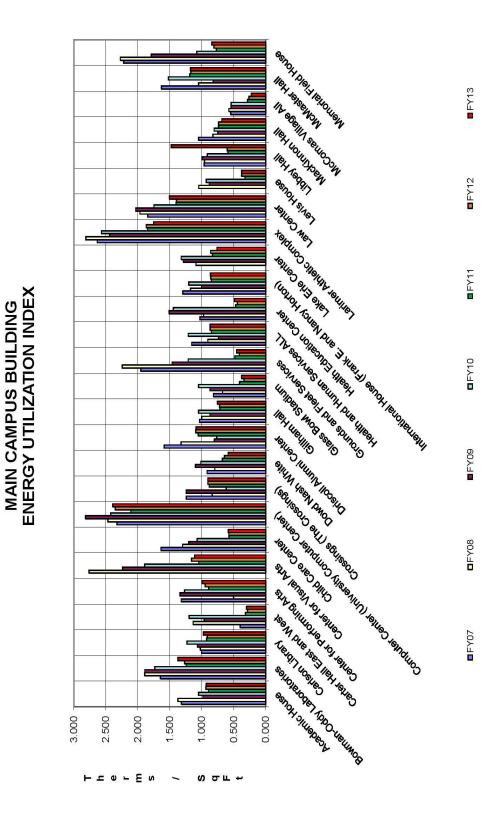
HEALTH SCIENCE CAMPUS YEARLY STEAM PRODUCTION

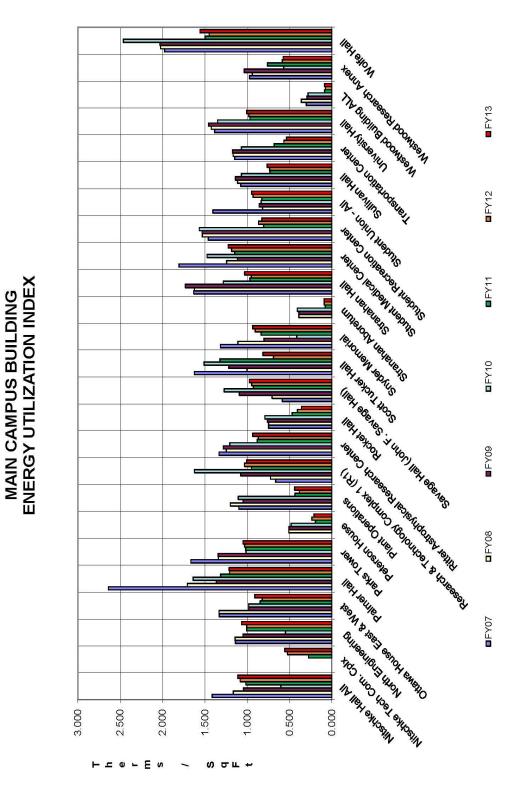


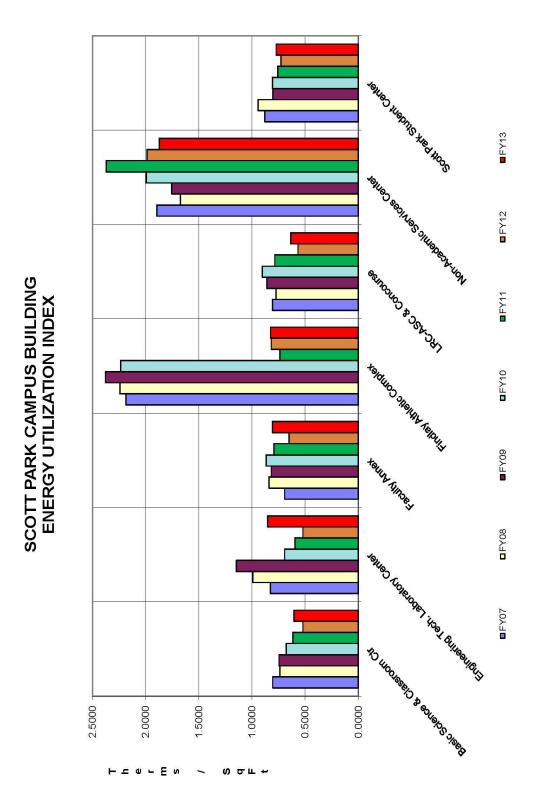


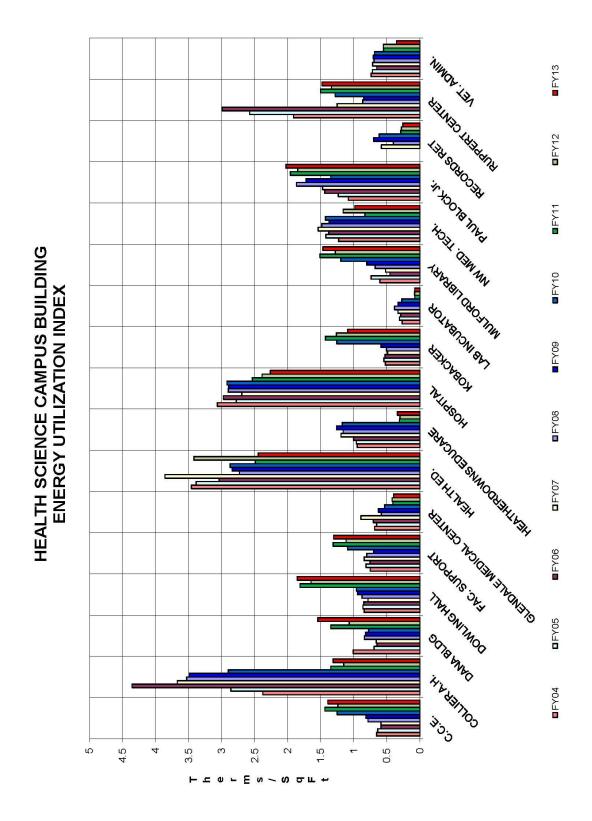












UNIVERSITY OF TOLEDO BUILDING UTILITY USAGE FISCAL YEAR 2013

Main Campus	GSF	Electric kWh	Steam Mlbs	Natural Gas MCF	EUI
Academic House	80,603	868,442	4,532	545	0.9300
Bowman-Oddy Laboratories	178,727	4,246,831	10,049	116	1.3739
Carlson Library	256,547	3,100,780	14,425	100	0.9748
Carter Hall East and West	124,889	843,107	(#)	8,518	0.3003
Center for Performing Arts	64,983	815,062	3,654	-	0.9903
Center for Visual Arts	51,899	1,447,734		8,228	1.1146
Child Care Center	15,941	226,442	120	1,512	0.5820
Computer Center (University)	32,872	2,268,915	-	1,070	2.3891
Crossings (The)	228,990	2,299,311	12.875	315	0.9064
Dowd Nash White	80,030	61,874	4,500	1-	0.5887
Driscoll Alumni Center	38,675	594,504	2,175	-	1.0869
Gillham Hall	92,347	519,018	5,192	- 1	0.7541
Glass Bowl Stadium	103,578	1.063,562		2.811	0.3783
Grounds and Fleet Services	13,009	143,486		1,000	0.4553
Health and Human Services	163,006	1,466,253	9,165	-	0.8693
Health Education Center	79,016	863,949	-	8.559	0.4842
International House (Horton)	138,904	1,214,427	7,810	465	0.8641
Lake Erie Center	34,054	628,100	7,010	4,423	0.7626
Larimer Athletic Complex	32,139	1,568,531		2,699	1.7518
Law Center	125,392	3,474,552	7.050	16	1.5081
Levis House	6,457	59,172	7,000	393	0.3752
Libbey Hall	16,767	441,979	943	236	1.4764
MacKinnon Hall	41,787	149,261	2.350	- 230	0.6842
McComas Village	124,533	641,910	2,330	6,025	0.0042
McMaster Hall	67.194	1,205,616	3,778	- 0,025	1.1746
Memorial Field House	156,074	1,290,747	8,775		0.8445
Nitschke Hall	132,159	2,124,131	- 0,773	7,431	1.1108
Nitschke Tech Commercialization Cplx	39.961	637,463	-	393	0.5545
North Engineering	252,894	3,734,528	-	14,219	1.0663
Ottawa House East & West	271,293	2,554,549	15,254	7,348	0.9114
Palmer Hall	67,040	1,280,696		7,340	1.2143
Parks Tower	166,213	2,288,240	3,769	2.819	1.2143
TO MINISTER HOW CONTROL OF THE PARTY OF THE	AND DESCRIPTION OF THE PARTY OF	50.000 (0.	9,346	2007/2000/00/00	DESCRIPTION FOR STATE
Peterson House	4,316	19,820	(=)	234	0.2122
Plant Operations	30,861	326,853	1=1	2,373	0.4403
Research & Technology Complex 1 (R1)	55,209	1,491,346	-	4,691	1.0090
Ritter Astrophysical Research Center	15,317	167,744	861	-	0.9360
Rocket Hall	109,552	1,048,754	-	3,304	0.3576
Savage Hall (John F.)	199,380	2,414,728	11,210	=	0.9756
Scott Tucker Hall	42,710	316,218	2,401		0.8150
Sculptural Studies	7,502	90,300		2,689	0.7782
Snyder Memorial	47,947	522,917	2,696	-	0.9345
Stranahan Arboretum	7,386	5,927		446	0.0892
Stranahan Hall	121,135	1,663,944	6,811	=	1.0311
Student Medical Center	12,574	244,101	707	-	1.2248
Student Recreation Center	157,446	3,400,895	-	13,932	0.8279
Student Union	221,225	2,442,393	12,439	1,747	0.9472
Sullivan Hall	13,401	78,629	753	-	0.7625
Transportation Center	19,826	283,931		926	0.5367
University Hall	292,633	3,788,991	16,454	611	1.0063
Westwood Building	271,332	478,520	ie:	7,102	0.0870
Westwood Research Annex	40,922	227,768	(-)	1,535	0.5744
Wolfe Hall	188,501	5,487,084	10,599	18	1.5559
SUB TOTALS	5,137,148	68,624,030	190,574	118,749	

SUB TOTALS 5,137,148 68,624,030 190,574 118,749

UNIVERSITY OF TOLEDO BUILDING UTILITY USAGE FISCAL YEAR 2013

Haalth Oairmaa Oamana	GSF	Electric	Steam	Natural Gas	
Health Science Campus	10.010	kWh	Mibs	MCF	EUI
Center Creative Education	48,810	556,601	4,892		1.3915
Collier Allied Health	111,363	1,002,513	11,162	=	1.3095
Dana Center	43,975	698,889	4,408	-	1.5447
Dowling Hall	247,616	6,181,577	24,818	1-	1.8543
Facility Support	26,932	237,934	2,699	-	1.3038
Glendale Medical Center	40,516	452,986	rat .	632	0.3976
Health Education	254,875	10,773,232	25,546	12	2.4449
Heatherdowns Educare Center	36,400	231,813	-	4,295	0.3383
Hospital	378,123	13,954,837	37,899	:=	2.2619
Kobacker	41,140	107,542	4,123	1=1	1.0915
Lab Incubator	20,533	38,756	()	223	0.0756
Mulford Library Bldg	137,930	1,876,771	13,824		1.4667
Northwest Medical Tech Center	38,614	1,021,731		2,970	0.9819
Paul Block Jr. Health Science Bldg	168,764	5,056,609	16,915	=	2.0249
Records Retention	32,086	212,263		1,011	0.2581
Ruppert Center	114,126	1,597,169	11,439	1=1	1.4799
Veterans Administration	40,447	384,257		1,153	0.3535
SUB TOTALS	1,782,250	44,385,480	157,724	10,284	
Scott Park Campus					
Basic Science/Allied Health/Classrm Ctr	77,096	1,366,181	(5)		0.6048
Engineering Technology Laboratory Ctr	24,812	620,481	-	=	0.8535
Faculty Annex	8,895	210,315	=	-	0.8070
Findlay Athletic Complex	6,593	86,080	-	2,436	0.8243
Learning Resources/Academic Services	127,430	2,371,932	1#1	100	0.6353
Non-Academic Services Center	14,881	815,866		-	1.8712
Scott Park Student Center	30,601	692,217		-	0.7720
SUB TOTALS	290,308	6,163,071		2,436	
GRAND TOTALS	7,209,706	119,172,581	348,298	131,468	

UNIVERSITY OF TOLEDO BUILDING UTILITY COST FISCAL YEAR 2013

1000 H 100	Electric	Steam	Natural Gas	Total	0006
Main Campus	Cost	Cost	Cost	Cost	EUI
Academic House	\$43,973	\$56,692	\$2,110	\$102,776	0.9300
Bowman-Oddy Laboratories	\$215,363	\$125,707	\$410	\$341,481	1.3739
Carlson Library	\$156,315	\$180,442	-	\$336,757	0.9748
Carter Hall East and West	\$41,920		\$30,091	\$72,011	0.3003
Center for Performing Arts	\$40,956	\$45,706	.=:	\$86,661	0.9903
Center for Visual Arts	\$74,154		\$35,564	\$109,717	1.1146
Child Care Center	\$11,604	121	\$6,811	\$18,416	0.5820
Computer Center (University)	\$114,268	-	\$3,830	\$118,099	2.3891
Crossings (The)	\$115,934	\$161,060	\$1,194	\$278,188	0.9064
Dowd Nash White	\$3,134	\$56,289	-	\$59,423	0.5887
Driscoll Alumni Center	\$29,897	\$27,202	(5)	\$57,099	1.0869
Gillham Hall	\$26,074	\$64,952		\$91,026	0.7541
Glass Bowl Stadium	\$53,493	\$9,846	8	\$63,339	0.3783
Grounds and Fleet Services	\$7,208	21	\$5,087	\$12,295	0.4553
Health and Human Services	\$74,017	\$114,650	-	\$188,668	0.8693
Health Education Center	\$44,230	-	\$32,204	\$76,434	0.4842
International House (Horton)	\$61,479	\$97,698	\$1,992	\$161,169	0.8641
Lake Erie Center	\$31,813	-	\$21,125	\$52,938	0.7626
Larimer Athletic Complex	\$80,446	9	\$10,289	\$90,735	1.7518
Law Center	\$174,358	\$88,194	\$327	\$262,879	1.5081
Levis House	\$5,643		\$1,781	\$7,424	0.3752
Libbey Hall	\$20,560	\$11,793	\$1,235	\$33,588	1.4764
MacKinnon Hall	\$7,541	\$29,391	-	\$36,932	0.6842
McComas Village	\$32,768		\$24,205	\$56,973	0.2255
McMaster Hall	\$60,584	\$47,261	8	\$107,845	1.1746
Memorial Field House	\$65,287	\$109,775		\$175,061	0.8445
Nitschke Hall	\$109,223	= 1	\$92,954	\$202,177	1.1108
Nitschke Tech Commercialization Cplx	\$30,901	-0	\$1,781	\$32,682	0.5545
North Engineering	\$189,449		\$177,873	\$367,322	1.0663
Ottawa House East & West	\$128,839	\$190,814	\$30,072	\$349,725	0.9114
Palmer Hall	\$65,552	\$47,153	\$14,623	\$127,327	1.2143
Parks Tower	\$115,352	\$116,906	\$11,068	\$243,326	1.0495
Peterson House	\$1,757		\$1,086	\$2,843	0.2122
Plant Operations	\$16,386		\$12,068	\$28,454	0.4403
Research & Technology Complex 1 (R1)	\$75,984	-	\$18,588	\$94,572	1.0090
Ritter Astrophysical Research Center	\$8,555	\$10,773	-	\$19,329	0.9360
Rocket Hall	\$52,944	5	\$16,344	\$69,288	0.3576
Savage Hall (John F.)	\$121,327	\$140,234	-	\$261,560	0.9756
Scott Tucker Hall	\$15,336	\$30,040	-	\$45,376	0.8150
Sculptural Studies	\$13,640	-	\$13,215	\$26,855	0.7782
Snyder Memorial	\$26,401	\$33,723		\$60,124	0.9345
Stranahan Arboretum	\$14,960		\$1,816	\$16,776	0.0892
Stranahan Hall	\$84,055	\$85,200	-	\$169,256	1.0311
Student Medical Center	\$12,519	\$8,844	121	\$21,362	1.2248
Student Recreation Center	\$173,859	-	\$54,859	\$228,718	0.8279
Student Union	\$123,525	\$155,598	\$6,602	\$285,725	0.9472
Sullivan Hall	\$3,972	\$9,426	-	\$13,397	0.7625
Transportation Center	\$14,400		\$3,232	\$17,632	0.5367
University Hall	\$190,652	\$205,823	\$2,327	\$398,801	1.0063
Westwood Building	\$39,891	-	\$34,713	\$74,604	0.0870
Westwood Research Annex	\$11,722	-	\$5,460	\$17,181	0.5744
Wolfe Hall	\$279,581	\$132,582	\$338	\$412,501	1.5559
SUB TOTALS	\$3,513,799	\$2,393,774	\$677,273	\$6,584,846	1.0000

UNIVERSITY OF TOLEDO BUILDING UTILITY COST FISCAL YEAR 2013

	Electric	Steam	Natural Gas	Total	
Health Science Campus	Cost	Cost	Cost	Cost	EUI
Center Creative Education	\$28,253	\$59,647	121	\$87,900	1.3915
Collier Allied Health	\$50,868	\$136,088	120	\$186,956	1.3095
Dana Center	\$34,329	\$53,738		\$88,067	1.5447
Dowling Hall	\$314,522	\$302,591		\$617,114	1.8543
Facility Support	\$12,041	\$32,911		\$44,953	1.3038
Glendale Medical Center	\$23,150	and a	\$3,584	\$26,734	0.3976
Health Education	\$551,739	\$311,462	121	\$863,201	2.4449
Heatherdowns Educare Center	\$23,465	-	\$20,420	\$43,885	0.3383
Hospital	\$712,045	\$462,073	:=1	\$1,174,118	2.2619
Kobacker	\$5,463	\$50,274		\$55,737	1.0915
Lab Incubator	\$1,995	-	\$1,494	\$3,490	0.0756
Mulford Library Bldg	\$95,491	\$168,553	15.	\$264,044	1.4667
Northwest Medical Tech Center	\$52,303	H	\$17,432	\$69,735	0.9819
Paul Block Jr. Health Science Bldg	\$257,231	\$206,233	1=1	\$463,464	2.0249
Records Retention	\$10,795	# 1	\$4,457	\$15,253	0.2581
Ruppert Center	\$81,369	\$139,464	-	\$220,833	1.4799
Veterans Administration	\$20,152	=	\$5,816	\$25,968	0.3535
SUB TOTALS	\$2,275,213	\$1,923,035	\$53,203	\$4,251,451	
Scott Park Campus					
Basic Science/Allied Health/Classrm Ctr	\$119,938		=	\$119,938	0.6048
Engineering Technology Laboratory Ctr	\$52,940	-		\$52,940	0.8535
Faculty Annex	\$18,792		lei .	\$18,792	0.8070
Findlay Athletic Complex	\$7,908	= 1	\$10,472	\$18,380	0.8243
Learning Resources/Academic Services	\$204,210	-	*	\$204,210	0.6353
Non-Academic Services Center	\$78,066	-		\$78,066	1.8712
Scott Park Student Center	\$60,046	-	(5)	\$60,046	0.7720
SUB TOTALS	\$541,900		\$10,472	\$552,372	
GRAND TOTALS	\$6,330,912	\$4,316,809	\$740,948	\$11,388,669	

BUILDING: Academic House FY YEAR: 2013

DATE: 09/13/14

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			NATURAL GAS	AS	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	686'59	164	\$0.052	\$3,443	0	0.00	\$12.51	\$0	-	\$3.87	5	\$3,448
August	က	184	100%	72,864	390	\$0.062	\$4,511	2	0.01	\$12.51	\$28	-	\$3.87	9	\$4,544
September	145	29	100%	81,902	386	\$0.056	\$4,553	107	0.51	\$12.51	\$1,340	-	\$3.87	2	\$5,898
October	414	9	100%	91,774	219	\$0.055	\$5,093	306	0.73	\$12.51	\$3,826	144	\$3.87	609	\$9,528
November	775	0	100%	82,287	106	\$0.051	\$4,166	573	0.74	\$12.51	\$7,162	148	\$3.87	625	\$11,953
December	914	0	100%	75,144	82	\$0.051	\$3,816	675	0.74	\$12.51	\$8,446	137	\$3.87	443	\$12,705
1st half yr	2251	099		469,960	161	\$0.054	\$25,582	1,663	0.57	\$12.51	\$20,801	432	\$3.92	\$1,693	\$48,076
January	1141	0	100%	70,273	62	\$0.044	\$3,086	843	0.74	\$12.51	\$10,544	75	\$3.87	286	\$13,916
February	1034	0	100%	71,996	70	\$0.045	\$3,209	764	0.74	\$12.51	\$9,555	9	\$3.87	22	\$12,786
March	971	0	100%	73,029	75	\$0.043	\$3,172	717	0.74	\$12.51	\$8,973	12	\$3.87	40	\$12,184
April	550	0	100%	75,026	136	\$0.048	\$3,636	406	0.74	\$12.51	\$5,082	9	\$3.87	21	\$8,740
May	157	94	100%	51,705	206	\$0.050	\$2,604	116	0.46	\$12.51	\$1,451	80	\$3.87	25	\$4,080
June	31	162	100%	56,453	293	\$0.048	\$2,684	23	0.12	\$12.51	\$286	9	\$3.87	22	\$2,993
2nd half yr	3884	256		398,482	96	\$0.046	\$18,391	2,869	69.0	\$12.51	\$35,891	113	\$3.69	\$417	\$54,699
TOTALMEAR	6135	916		868,442	123	\$0.051	\$43,973	4,532	0.64	\$12.51	\$56,692	545	\$3.87	\$2,110	\$102,776
Building Data:		1991			Energy Con	sumption to B ⁻	Energy Consumption to BTU Conversions	000 t > 2.1 Fd					2.051376		
Gross Area (ft)2		80,603			Electricity =	Electricity = KWH X 3413		2,963,992		ш	Energy Utilization Index =	ndex =			
Gross Volume (ft)3	t)3	644,824			Steam = M (Steam = M (lbs) X 1,000,000	00	4,532,024		I	Total	Total BTU Consumption/Yr	tion/Yr	7,496,016,357	
General Notes:					Natural Gas	Natural Gas = MCF X 102,500	200	55,863			•	Gross Area (ft) 2	2	80,603	
					Other Fuel			0			Div	Divided by 100,000 =	= 00	0.9300	THERMS
					TOT	TOTAL BTU's x 1,000	00.	7,496,016							

\$1.28

COST / SQ. FT. / YEAR WATER / SQ. FT. / YEAR

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BUILDING: Bowman Oddy FY YEAR: 2013

2	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			PURCHA	PURCHASED STEAM			NATURAL GAS	SAS	TOTAL
MONTH	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	ENERGY
UP.															
July	0	403	100%	392,300	973	\$0.052	\$20,467	0	00.0	\$12.51	\$0		\$3.54	Ŋ	\$20,472
August	က	184	100%	449,160	2,402	\$0.062	\$27,808	2	0.03	\$12.51	\$61	-	\$3.54	9	\$27,875
September	145	29	100%	342,370	1,615	\$0.056	\$19,033	238	1.12	\$12.51	\$2,971	0	\$3.54	0	\$22,004
October	414	9	100%	334,690	797	\$0.055	\$18,574	678	1.61	\$12.51	\$8,483	-	\$3.54	4	\$27,061
November	775	0	100%	339,150	438	\$0.051	\$17,169	1,269	1.64	\$12.51	\$15,880	7	\$3.54	80	\$33,057
December	914	0	100%	356,050	390	\$0.051	\$18,083	1,497	1.64	\$12.51	\$18,728	7	\$3.54	23	\$36,834
1st half yr	2251	099		2,213,720	160	\$0.055	\$121,133	3,687	1.27	\$12.51	\$46,123	12	\$3.81	\$46	\$167,303
January	1141	0	100%	328,240	288	\$0.044	\$14,413	1,869	1.64	\$12.51	\$23,379	41	\$3.54	53	\$37,846
February	1034	0	100%	330,920	320	\$0.045	\$14,751	1,694	1.64	\$12.51	\$21,187	24	\$3.54	88	\$36,026
March	971	0	100%	374,850	386	\$0.043	\$16,281	1,591	1.64	\$12.51	\$19,896	26	\$3.54	98	\$36,263
April	550	0	100%	347,197	631	\$0.048	\$16,828	901	1.64	\$12.51	\$11,270	20	\$3.54	71	\$28,169
May	157	94	100%	341,584	1,361	\$0.050	\$17,203	257	1.02	\$12.51	\$3,217	16	\$3.54	51	\$20,471
June	31	162	100%	310,320	1,608	\$0.048	\$14,753	51	0.26	\$12.51	\$635	4	\$3.54	15	\$15,403
2nd half yr	3884	256		2,033,111	491	\$0.046	\$94,230	6,362	1.54	\$12.51	\$79,584	104	\$3.50	\$364	\$174,178
TOTALMEAR	6135	916		4,246,831	602	\$0.051	\$215,363	10,049	1.43	\$12.51	\$125,707	116	\$3.54	\$410	\$341,481
Building Data:		1966			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2)2	178,727			Electricity =	Electricity = KWH X 3413	gybrino)	BIU'S X 1,000 14,494,434		Ш	Energy Utilization Index =	udex =			
Gross Volume (ft)3	÷ (ft)3	1,429,816			Steam = M (Steam = M (lbs) X 1,000,000	000	10,049,193		I	Total	Total BTU Consumption/Yr	otion/Yr	24,555,516,580	
General Notes:	76				Natural Gas	Natural Gas = MCF X 102,500	;500	11,890			j	Gross Area (ft) 2	2	178,727	
					Other Fuel			0			SI O	Divided by 100,000 =	= 00	1.3/39	HEKMS
					TOT	TOTAL BTU's x 1,000	000	24,555,517							
			3												
COST / SQ. FT. / YEAR	T./YEAR		\$1.91												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.45												

DATE: 09/13/14

2	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OII)IL	TOTAL
MONTH	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	ENERGY
July	0	403	100%	307,086	762	\$0.052	\$16,021	0	0.00	\$12.51	0\$	0	\$4.50	\$0	\$16,021
August	က	184	100%	163,064	872	\$0.062	\$10,095	7	0.04	\$12.51	\$88	0	\$4.50	\$0	\$10,184
September	145	29	100%	323,724	1,527	\$0.056	\$17,996	34.1	1.61	\$12.51	\$4,265	0	\$4.50	\$0	\$22,261
October	414	9	100%	352,800	840	\$0.055	\$19,579	973	2.32	\$12.51	\$12,177	0	\$4.50	\$0	\$31,756
November	775	0	100%	275,900	356	\$0.051	\$13,967	1,822	2.35	\$12.51	\$22,794	0	\$4.50	\$0	\$36,761
December	914	0	100%	171,832	188	\$0.051	\$8,727	2,149	2.35	\$12.51	\$26,882	0	\$4.50	\$0	\$35,609
1st half yr	2251	099		1,594,406	548	\$0.054	\$86,386	5,293	1.82	\$12.51	\$66,206	0	\$4.50	\$0	\$152,592
January	1141	0	100%	198,534	174	\$0.044	\$8,718	2,683	2.35	\$12.51	\$33,559	0	\$4.50	\$0	\$42,277
February	1034	0	100%	239,888	232	\$0.045	\$10,693	2,431	2.35	\$12.51	\$30,412	0	\$4.50	\$0	\$41,105
March	971	0	100%	293,242	302	\$0.043	\$12,736	2,283	2.35	\$12.51	\$28,559	0	\$4.50	\$0	\$41,295
April	550	0	100%	308,000	260	\$0.048	\$14,928	1,293	2.35	\$12.51	\$16,177	0	\$4.50	\$0	\$31,105
May	157	94	100%	235,689	939	\$0.050	\$11,870	369	1.47	\$12.51	\$4,618	0	\$4.50	\$0	\$16,488
June	31	162	100%	231,021	1,197	\$0.048	\$10,983	73	0.38	\$12.51	\$912	0	\$4.50	\$0	\$11,895
2nd half yr	3884	256		1,506,374	364	\$0.046	\$69,929	9,132	2.21	\$12.51	\$114,236	0	\$4.50	\$0	\$184,165
TOTALMEAR	6135	916		3,100,780	440	\$0.050	\$156,315	14,425	2.05	\$12.51	\$180,442	0	\$4.50	\$0	\$336,757
Building Data:		1973			Energy Con	sumption to B	Energy Consumption to BTU Conversions	000 F 2 -11 F a							
Gross Area (ft)2	2	256,547			Electricity =	Electricity = KWH X 3413	40,000	10,582,962		-	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(#)3	2,052,376			Steam = M	Steam = M (lbs) X 1,000,000	000	14,424,739			Total	Total BTU Consumption/Yr	otion/Yr	25,007,700,676	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	990	0				Gross Area (ft) 2	2	256,547	
					Other Fuel			0			Ν̈́Ο	Divided by 100,000 =	= 00	0.9748	THERMS
					ŀ		9	100 10							
					2	IOIAL BIU'S x 1,000	000	25,007,701							

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COST / SQ. FT. / YEAR WATER / SQ. FT. / YEAR

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Carter Hall East and West 2013

BUILDING: FY YEAR:

	DEGREE DAYS (DD)	AYS (DD)			ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OIL		IATOT
MONTH	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	ENERGY COST
July	0	403	100%	0	0	\$0.052	\$0	43	0.11	\$4.88	210	0	\$4.50	0\$	\$210
August	ന	184	100%	52,685	282	\$0.062	\$3,262	24	0.13	\$5.58	134	0	\$4.50	\$0	\$3,396
September	145	29	100%	87,074	411	\$0.056	\$4,841	25	0.12	\$5.37	134	0	\$4.50	\$0	\$4,975
October	414	9	100%	88.544	211	\$0.055	\$4.914	120	0.29	\$4.23	508	0	\$4.50	80	\$5.421
November	775	0	100%	84,501	109	\$0.051	\$4.278	349	0.45	\$4.23	1.475	0	\$4.50	\$0	\$5,752
December	914	0	100%	80,008	88	\$0.051	\$4,063	1,120	1.23	\$3.23	3,621	0	\$4.50	\$0	\$7,684
1st half yr	2251	099		392,810	135	\$0.054	\$21,357	1,681	0.58	\$3.62	\$6,081	0	\$4.50	\$0	\$27,438
January	1141	0		90,933	80	\$0.044	\$3,993	1,210	1.06	\$3.82	4,621	0	\$4.50	\$0	\$8,614
February	1034	0		98,528	92	\$0.045	\$4,392	1,078	1.04	\$3.67	3,960	0	\$4.50	\$0	\$8,352
March	971	0	100%	100,698	104	\$0.043	\$4,374	1,516	1.56	\$3.30	5,004	0	\$4.50	\$0	\$9,378
April	550	0	100%	88,875	162	\$0.048	\$4,308	1,262	2.29	\$3.56	4,493	0	\$4.50	\$0	\$8,801
May	157	94	100%	38,554	154	\$0.050	\$1,942	1,204	4.80	\$3.17	3,819	0	\$4.50	0\$	\$5,761
June	31	162	100%	32,709	169	\$0.048	\$1,555	267	2.94	\$3.73	2,113	0	\$4.50	\$0	\$3,668
2nd half yr	3884	256		450,297	109	\$0.046	\$20,563	6,837	1.65	\$3.51	\$24,010	0	\$4.50	\$0	\$44,573
TOTALMEAR	6135	916		843,107	120	\$0.050	\$41,920	8,518	1.21	\$3.53	\$30,091	0	\$4.50	\$0	\$72,011
Building Data:		1964			Energy Con	sumption to BT	Energy Consumption to BTU Conversions								
Gross Area (ft)2		124,889			Electricity =	Electricity = KWH X 3413		810's×1,000 2,877,524		ш	Energy Utilization Index =	= xəpu			
Gross Volume (ft)3	ft)3	999,112			Natural Gas	Natural Gas = MCF X 102,500	200	873,095			Total	Total BTU Consumption/Yr	tion/Yr	3,750,618,508	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0			Ü	Gross Area (ft) 2	2	124,889	
					Other Fuel			0			Div	Divided by 100,000 =	= 0	0.3003	THERMS
					TOT/	TOTAL BTU's x 1,000	00	3,750,619							
COST / SQ. FT. / YEAR	./YEAR		\$0.58												

\$0.27

WATER / SQ. FT. / YEAR

DATE: 09/13/14	
Center for Performing Arts	
OING: C	.00

2	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ΣITΥ			PURCHA	PURCHASED STEAM			FUEL OII	تــا	TOTAL
MONTH	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	ENERGY
0.00	1	M/40000	110000000	displaces and	Maccado	Describe Aparts	TO PRO JUSTICIONO	¥	The second secon	110000000000000000000000000000000000000	MARKAGO	1000	36000 M	er (ALSO)	Table of boundaries
July	0	403	100%	57,099	142	\$0.052	\$2,979	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$2,979
August	က	184	100%	63,254	338	\$0.062	\$3,916	2	0.01	\$12.51	\$22	0	\$4.50	80	\$3,938
September	145	29	100%	67,941	320	\$0.056	\$3,777	98	0.41	\$12.51	\$1,080	0	\$4.50	\$0	\$4,857
October	414	9	100%	72.857	173	\$0.055	\$4.043	247	0.59	\$12.51	\$3,084	0	\$4.50	80	\$7.128
November	775	0	100%	72,806	94	\$0.051	\$3,686	462	09:0	\$12.51	\$5,774	0	\$4.50	80	\$9,459
December	914	0	100%	77,514	85	\$0.051	\$3,937	544	0.60	\$12.51	\$6,809	0	\$4.50	0\$	\$10,746
1st half yr	2251	099		411,470	141	\$0.054	\$22,338	1,341	0.46	\$12.51	\$16,770	0	\$4.50	\$0	\$39,108
January	1141	0	100%	71,119	62	\$0.044	\$3,123	089	09.0	\$12.51	\$8,500	0	\$4.50	\$0	\$11,623
February	1034	0	100%	74,121	72	\$0.045	\$3,304	616	09'0	\$12.51	\$7,703	0	\$4.50	80	\$11,007
March	971	0	100%	76,492	62	\$0.043	\$3,322	878	09.0	\$12.51	\$7,234	0	\$4.50	\$0	\$10,556
April	550	0	100%	66,361	121	\$0.048	\$3,216	328	09.0	\$12.51	\$4,097	0	\$4.50	80	\$7,314
May	157	94	100%	57,232	228	\$0.050	\$2,882	94	0.37	\$12.51	\$1,170	0	\$4.50	\$0	\$4,052
June	31	162	100%	58,267	302	\$0.048	\$2,770	18	0.10	\$12.51	\$231	0	\$4.50	\$0	\$3,001
2nd half yr	3884	256		403,592	26	\$0.046	\$18,618	2,313	0.56	\$12.51	\$28,936	0	\$4.50	80	\$47,554
TOTALMEAR	6135	916		815,062	116	\$0.050	\$40,956	3,654	0.52	\$12.51	\$45,706	0	\$4.50	\$0	\$86,661
Building Data:		1976			Energy Con	sumption to BT	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	64,983			Electricity =	Electricity = KWH X 3413		2,781,807		Ш	Energy Utilization Index =	ndex =			
Gross Volume (ft)3	(#)3	519,864			Steam = M (Steam = M (lbs) X 1,000,000	00	3,653,766		ļ	Total	Total BTU Consumption/Yr	tion/Yr	6,435,572,911	
General Notes	28				Fire Oil	Firel Oil = Gallons X 138 690	Ų.	c			0	Gross Area (ft) 2	2	64,983	
	9						2	, (Div	Divided by 100,000 =	= 0	0.9903	THERMS
					Other Fuel										
					TOT	TOTAL BTU's x 1,000	00	6,435,573							
COST / SQ. FT. / YEAR	r. / YEAR		\$1.33												

WATER / SQ. FT. / YEAR

DATE: 09/13/14

Center for Visual Arts 2013

BUILDING: FY YEAR:

HTNOW		עבטוגבר מאוט (מט)			ELECTRICITY	<u>-</u>			NAIO	NATURAL GAS			FUEL OII		TOTAL
	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	ENERGY COST
July	0	403	100%	165,138	410	\$0.052	\$8,615	334	0.83	\$5.41	1,806	0	\$4.50	\$0	\$10,422
August	ო	184	100%	165,648	988	\$0.062	\$10,255	197	1.05	\$5.98	1,178	0	\$4.50	\$0	\$11,433
September	145	29	100%	142,569	672	\$0.056	\$7,926	165	0.78	\$6.11	1,008	0	\$4.50	\$0	\$8,934
October	414	9	100%	142,569	339	\$0.055	\$7,912	300	0.71	\$5.14	1,542	0	\$4.50	\$0	\$9,454
November	775	0	100%	109,650	141	\$0.051	\$5,551	547	0.71	\$4.87	2,663	0	\$4.50	80	\$8,214
December	914	0	100%	71,094	78	\$0.051	\$3,611	260	0.83	\$3.87	2,939	0	\$4.50	\$0	\$6,550
1st half yr	2251	099		796,668	274	\$0.055	\$43,870	2,303	0.79	\$4.84	\$11,137	0	\$4.50	0\$	\$55,007
January	1141	0	100%	103,530	91	\$0.044	\$4,546	917	080	\$4.52	4,148	0	\$4.50	0\$	\$8,694
February	1034	0	100%	86,700	84	\$0.045	\$3,865	1,264	1.22	\$4.27	5,397	0	\$4.50	\$0	\$9,261
March	971	0	100%	100,368	103	\$0.043	\$4,359	1,076	1.11	\$4.07	4,378	0	\$4.50	0\$	\$8,737
April	550	0	100%	100,368	182	\$0.048	\$4,865	1,082	1.97	\$4.30	4,649	0	\$4.50	80	\$9,513
May	157	94	100%	100,368	400	\$0.050	\$5,055	1,176	4.69	\$3.60	4,229	0	\$4.50	\$0	\$9,284
June	31	162	100%	159,732	828	\$0.048	\$7,594	410	2.12	\$3.97	1,626	0	\$4.50	\$0	\$9,220
2nd half yr	3884	256		651,066	157	\$0.047	\$30,284	5,925	1.43	\$4.12	\$24,426	0	\$4.50	\$0	\$54,710
TOTALMEAR	6135	916		1,447,734	205	\$0.051	\$74,154	8,228	1.17	\$4.32	\$35,564	0	\$4.50	\$0	\$109,717
Building Data:		1991			Energy Con	sumption to B	Energy Consumption to BTU Conversions	S TIL's < 1 000							
Gross Area (ft)2	2	51,899			Electricity =	Electricity = KWH X 3413	36 <u>-</u> 70	4,941,116		П	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(#)3	415,192			Natural Gas	Natural Gas = MCF X 102,500	2,500	843,370		ļ	Total	Total BTU Consumption/Yr	tion/Yr	5,784,486,142	
General Notes:	500				Fuel Oil = G	Fuel Oil = Gallons X 138,690	069	0		l		Gross Area (ft) 2	2	51,899	í
					Other Fuel			0	200		ā	Divided by 100,000 =	= 00	1.1146	THERMS
					F	N DTILL WAY	000	204 406							
					5	IOIAL BIOSXI,uuu	000	0,764,460							

\$2.11

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Child Care Center 2013

BUILDING: FY YEAR:

Heating Heat		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OII		TOTAL
144 100% 21,1356 145 20,062 51,636 7 0.01 589.08	MONTH	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	ENERGY COST
1																
144 6 164 100% 27,131 145 \$100% 27,131 145 \$100% 27,131 145 \$100% 27,141 145 \$100% \$21,431 145 \$100% \$21,432 \$11,20 \$11,20 \$100 \$4450 \$90 \$100% \$14,137 \$14 \$100% \$14,137 \$14 \$20,061 \$51,430 \$100 \$14,137 \$14 \$20,061 \$51,430 \$100 \$14,137 \$10 \$100% \$14,137 \$10 \$20,061 \$25,00 \$100 \$24,50 \$20 <	July	0	403	100%	31,356	78	\$0.052	\$1,636	2	0.02	\$8.98	28	0	\$4.50	\$0	\$1,694
145 67 100% 16,827 40 80.056 \$1,120 17 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.08 \$15,92 112 0.09 \$15,92 0.09 0.0	ugust	က	184	100%	27,131	145	\$0.062	\$1,680	21	0.11	\$8.00	166	0	\$4.50	\$0	\$1,845
714 6 100% 16827 440 50.055 59.34 56.0 53.26 130 54.50 50.0 54.50 50.0 50.0 54.50 50.0 50.0 54.50 50.0 50.0 54.50 50.0 50.0 54.50	eptember	145	29	100%	20,149	95	\$0.056	\$1,120	17	80.0	\$6.78	112	0	\$4.50	80	\$1,233
1775 10 100% 14115 18 \$10051 \$715 60 0.08 \$3.26 155 155 150 100% 14115 18 \$10051 \$783 110 100% 14115 18 \$10052 \$7897 110 100% 14115 19 \$10052 \$7897 141 169 1419	ctober	414	9	100%	16,827	40	\$0.055	\$934	36	0.09	\$3.59	130	0	\$4.50	\$0	\$1,064
141 10 100% 15,421 17 \$0.054 \$6.867 \$6.967 \$0.50 \$4.10 \$0.15 \$3.50 \$9.6 \$0.5 \$4.50 \$9.6 \$0.5 \$0.50 \$0.5 \$0.50	ovember	775	0	100%		18	\$0.051	\$715	09	80.0	\$3.26	195	0	\$4.50	\$0	606\$
1441 10 100% 13915 12 12 1004 13915 12 12 12 12 12 12 12	ecember	914	0	100%	15,421	17	\$0.051	\$783	110	0.12	\$3.50	386	0	\$4.50	80	\$1,169
1141 0 100% 13915 12 80.044 8611 169 015 83.34 564 0 84.50 90 90 90 90 90 90 90	st half yr	2251	099		124,999	43	\$0.055	\$6,867	250	0.09	\$4.19	\$1,048	0	\$4.50	20	\$7,915
1034 0 100% 13,985 13 \$10,445 \$152 237 0.23 \$33,41 807 0 \$4,50 \$50	anuary	1141	0	100%	13,915	12	\$0.044	\$611	169	0.15	\$3.34	564	0	\$4.50	\$0	\$1,175
1	ebruary	1034	0	100%	13,955	13	\$0.045	\$622	237	0.23	\$3.41	807	0	\$4.50	\$0	\$1,429
550 0 100% 14,766 27 \$0.048 \$716 270 0.49 \$4.96 1,338 0 \$4.50 \$50 157 94 100% 19,114 76 \$0.060 \$983 189 0.75 \$6.04 1,140 0 \$4.50 \$50 3884 256 100% 24,697 128 \$0.047 \$4,737 1,262 0.30 \$4.57 \$5,764 0 \$4.50 \$50 6135 916 256,442 32 \$0.047 \$4,737 1,262 0.21 \$4.50 \$6,811 0 \$4.50 \$50 1996 256,442 32 \$0.061 \$1,512 0.21 \$4.50 \$6,811 0 \$4.50 \$50 1996 31 32 \$0.061 \$11,604 1,512 0.21 \$4.50 \$6,811 0 \$4.50 \$50 15,941 31 15,941 32 \$0.047 \$11,604 \$15,941 0 \$4	arch	971	0	100%	14,996	15	\$0.043	\$651	262	0.27	\$4.07	1,068	0	\$4.50	\$0	\$1,720
157 94 100% 19,114 76 \$0.050 \$963 189 0,75 \$6.04 1,114 0 0 \$4.50 \$0 \$6.05 \$0.050 \$963 189 0,75 \$6.04 1,114 0 0 \$4.50 \$0.05 \$0.05 \$0.05 \$1.174 135 0,70 \$6.25 86.04 1,114 0 0 \$4.50 \$0.05 \$0.05 \$0.05 \$1.174 135 0,70 \$6.25 86.04 0 \$4.57 \$0.05 \$1.00 \$	pril	550	0	100%	14,766	27	\$0.048	\$716	270	0.49	\$4.96	1,338	0	\$4.50	80	\$2,054
384 256 100% 24,587 128 \$0.047 \$1,174 135 0.70 \$6.25 846 0 \$4.50 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ay	157	94	100%	19,114	92	\$0.050	\$963	189	0.75	\$6.04	1,140	0	\$4.50	\$0	\$2,103
3884 256 101,442 25 \$0.047 \$4,737 1,262 0.30 \$4.57 \$5,764 0 \$4.50 \$50 6135 916 226,442 32 \$0.051 \$11,604 1,512 0.21 \$4.50 \$6.811 0 \$4.50 \$50 12 1996 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = ACC X 102,500 154,990 Energy Utilization Index = ACC X 102,500 154,990 Tratal BTU Consumption/Yr 927,835,772 ACC X 102,802 15,941 Tratal BTU Consumption/Yr 15,941 15,941 Tratal BTU Consumption/Yr 15,941<	ne	31	162	100%	24,697	128	\$0.048	\$1,174	135	0.70	\$6.25	846	0	\$4.50	80	\$2,021
1596 Energy Consumption to BTU Conversions Energy Utilization Index =	ıd half yr	3884	256		101,442	25	\$0.047	\$4,737	1,262	0:30	\$4.57	\$5,764	0	\$4.50	\$0	\$10,501
Energy Consumption to BTU Conversions BTU's x 1,000 15,941 Electricity = KWH X 3413 T72,846 Natural Gas = MCF X 102,500 Total BTU Consumption/Yr 927,835,772 Gross Area (#) 2 Total BTU Consumption/Yr 927,835,772 Gross Area (#) 2 Total BTU's x 1,000 927,836	OTALMEAR	6135	916		226,442	32	\$0.051	\$11,604	1,512	0.21	\$4.50	\$6,811	0	\$4.50	\$0	\$18,416
15,941 Electricity = KWH X 3413 772,846 Energy Utilization Index = 772,846 Total BTU Consumption/YY 927,835,772 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0.5820 Other Fuel Oil = Gallons X 1,000 927,836	uilding Data:		1996			Energy Con	sumption to B	TU Conversions								
127,528 Natural Gas = MCF X 102,500 154,990 Total BTU Consumption/Yr 927,835,772 Fuel Oil = Gallons X 138,690 0 Gross Area (ft) 2 15,941 Other Fuel 0.5820 TOTAL BTU's x 1,000 927,836	ross Area (ft)2		15,941			Electricity =	: KWH X 3413		772,846		***	Energy Utilization	n Index =			
Fuel Oil = Gallons X 138,690 0 Gross Area (ft) 2 15,941 Other Fuel 0 0 0.5820 TOTAL BTU's x 1,000 927,836	ross Volume (ft)3	127,528			Natural Gas	s = MCF X 102	,500	154,990		•	Total	BTU Consump	tion/Yr	927,835,772	
Other Fuel 0.5820 TOTAL BTU's x 1,000 927,836	eneral Notes:					Fire Oil	3allons X 138 6	069	c		I		Gross Area (ft)	2	15,941	í
0						5			o			ία	vided by 100,00	= 00	0.5820	THERMS
						Other Fuel			0	204			•			
						TOT	AL BTU's x 1,0	000	927,836							

\$1.16

DATE: 09/13/14	
Computer Center	2013
BUILDING:	

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OIL	ت_ا	TOTAL
MONTg	geating	Cooling	% P.F.	kWg	kWg per DD	Cost per kWg	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-sged gours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	195,417	485	\$0.052	\$10,195	55	0.14	\$4.88	268	0	\$4.50	\$0	\$10,464
August	က	184	100%	196,236	1,049	\$0.062	\$12,149	0	0.00	#DIV/0i	0	0	\$4.50	\$0	\$12,149
September	145	29	100%	172,346	813	\$0.056	\$9,581	0	0.00	#DIV\0i	0	0	\$4.50	\$0	\$9,581
October	414	9	100%	173,198	412	\$0.055	\$9,612	0	0.00	#DIV/0i	0	0	\$4.50	\$0	\$9,612
November	775	0	100%	160,360	207	\$0.051	\$8,118	0	0.00	#DIV/0i	0	0	\$4.50	\$0	\$8,118
December	914	0	100%	200,612	219	\$0.051	\$10,189	63	0.07	\$3.23	204	0	\$4.50	\$0	\$10,392
1st half yr	2251	099		1,098,169	377	\$0.054	\$59,844	118	0.04	\$4.00	\$472	0	\$4.50	\$0	\$60,316
January	1141	0	100%	174,244	153	\$0.044	\$7,651	138	0.12	\$3.82	527	0	\$4.50	\$0	\$8,178
February	1034	0	100%	175,306	170	\$0.045	\$7,815	161	0.16	\$3.67	591	0	\$4.50	\$0	\$8,406
March	971	0	100%	204,238	210	\$0.043	\$8,871	211	0.22	\$3.30	969	0	\$4.50	\$0	\$9,567
April	550	0	100%	192,780	351	\$0.048	\$9,344	232	0.42	\$3.56	826	0	\$4.50	\$0	\$10,170
May	157	94	100%	205,084	817	\$0.050	\$10,329	118	0.47	\$3.17	374	0	\$4.50	\$0	\$10,703
June	31	162	100%	219,095	1,135	\$0.048	\$10,416	92	0.48	\$3.73	343	0	\$4.50	\$0	\$10,759
2nd half yr	3884	256		1,170,746	283	\$0.046	\$54,425	952	0.23	\$3.53	\$3,358	0	\$4.50	\$0	\$57,783
TOTALMEAR	6135	916		2,268,915	322	\$0.050	\$114,268	1,070	0.15	\$3.58	\$3,830	0	\$4.50	\$0	\$118,099
Building Data:		1966			Energy Con	sumption to B	Energy Consumption to BTU Conversions	sFa							
Gross Area (ft)2		32,872			Electricity =	Electricity = KWH X 3413	gyein	7,743,806		ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	ft)3	262,976			Natural Gas	Natural Gas = MCF X 102,500	2,500	109,675		1	Total	Total BTU Consumption/Yr	otion/Yr	7,853,480,530	-
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	990	0				Gross Area (ft) 2	2	32,872	
					Other Fuel			0			ō	Divided by 100,000 =	= 00	2.3891	THERMS
					TOT	TOTAL BTU's x 1,000	000	7,853,481							

\$3.59

DATE:	
ø,	
Crossings 2013	
BUILDING: FY YEAR:	

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			NATURAL GAS	GAS	TOTAL
MONTH	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	ENERGY COST
68															
July	0	403		110,136	273	\$0.052	\$5,746	0	0.00	\$12.51	\$0	က	\$5.57	\$17	\$5,763
August	ო	184	100%	182,953	878	\$0.062	\$11,327	9	0.03	\$12.51	879	က	\$6.70	\$20	\$11,426
September	145	29		231,154	1,090	\$0.056	\$12,850	304	1.44	\$12.51	\$3,807	က	\$4.88	\$15	\$16,672
October	414	9	100%	242,934	578	\$0.055	\$13,482	869	2.07	\$12.51	\$10,869	33	\$4.04	\$133	\$24,484
November	775	0	100%	215,550	278	\$0.051	\$10,912	1,626	2.10	\$12.51	\$20,346	47	\$4.01	\$188	\$31,446
December	914	0	100%	200,629	220	\$0.051	\$10,189	1,918	2.10	\$12.51	\$23,995	49	\$3.84	\$188	\$34,372
1st half yr	2251	099		1,183,356	407	\$0.055	\$64,506	4,724	1.62	\$12.51	\$59,095	138.00	\$4.07	\$561	\$124,162
January	1141	0	100%	198,870	174	\$0.044	\$8,732	2,395	2.10	\$12.51	\$29,954	30	\$3.93	\$118	\$38,805
February	1034	0	100%	203,884	197	\$0.045	\$9,088	2,170	2.10	\$12.51	\$27,145	F	\$3.76	\$41	\$36,275
March	971	0	100%	210,967	217	\$0.043	\$9,163	2,038	2.10	\$12.51	\$25,491	54	\$3.72	\$201	\$34,855
April	550	0	100%	208,493	379	\$0.048	\$10,105	1,154	2.10	\$12.51	\$14,439	21	\$3.81	\$80	\$24,624
May	157	94	100%	132,613	528	\$0.050	\$6,679	329	1.31	\$12.51	\$4,122	36	\$3.37	\$121	\$10,922
June	31	162	100%	161,128	835	\$0.048	\$7,660	65	0.34	\$12.51	\$814	25	\$2.85	\$71	\$8,545
2nd half yr	3884	256		1,115,955	270	\$0.046	\$51,428	8,151	1.97	\$12.51	\$101,965	177	\$3.57	\$633	\$154,026
TOTALMEAR	6135	916		2,299,311	326	\$0.050	\$115,934	12,875	1.83	\$12.51	\$161,060	315	\$3.79	\$1,194	\$278,188
Building Data:		2002			Energy Con	sumption to B	Energy Consumption to BTU Conversions	S							
Gross Area (ft)2	2	228,990			Electricity =	Electricity = KWH X 3413	-	7,847,549		1	Energy Utilization Index =	Index =			
Gross Volume (#)3	(ft)3	1,831,920			Steam = M	Steam = M (lbs) X 1,000,000	000	12,875,305			Total	Total BTU Consumption/Yr	tion/Yr	20,755,141,305	
. Octobal Notoco					oo landa	Natural Cac - MCE V 102 500	600	22 200		1		Gross Area (ft) 2	2	228,990	
Gellel al Notes.	827				National Gas	MCT > 10.	7,300	32,200			Div	Divided by 100,000 =	= 0(0.9064	THERMS
					Other Fuel			0	2			e E			
					TOT	TOTAL BTU's x 1,000	000	20,755,141							

DATE: 09/13/14

Dowd Nash White 2013

BUILDING: FY YEAR:

2	DEGREE DAYS (DD)	(DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
63															
July	0	403	100%	7,279	18	\$0.052	\$380	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$380
August	က	184	100%	5,145	28	\$0.062	\$319	2	0.01	\$12.51	\$28	0	\$4.50	\$0	\$346
September	145	29	100%	5,331	25	\$0.056	\$296	106	0.50	\$12.51	\$1,330	0	\$4.50	\$0	\$1,627
October	414	9	100%	960'9	15	\$0.055	\$338	304	0.72	\$12.51	\$3,798	0	\$4.50	\$0	\$4,137
November	775	0	100%	5,982	80	\$0.051	\$303	268	0.73	\$12.51	\$7,111	0	\$4.50	\$0	\$7,414
December	914	0	100%	6,266	7	\$0.051	\$318	029	0.73	\$12.51	\$8,386	0	\$4.50	\$0	\$8,704
1st half yr	2251	099		36,099	12	\$0.054	\$1,954	1,651	0.57	\$12.51	\$20,653	0	\$4.50	\$0	\$22,607
January	1141	0	100%	5,499	S	\$0.044	\$241	837	0.73	\$12.51	\$10,469	0	\$4.50	\$0	\$10,710
February	1034	0	100%	5,433	2	\$0.045	\$242	758	0.73	\$12.51	\$9,487	0	\$4.50	\$0	\$9,729
March	971	0	100%	5,950	9	\$0.043	\$258	712	0.73	\$12.51	\$8,909	0	\$4.50	\$0	\$9,167
April	550	0	100%	5,195	o	\$0.048	\$252	403	0.73	\$12.51	\$5.046	0	\$4.50	80	\$5,298
May	157	94	100%	3,697	15	\$0.050	\$186	115	0.46	\$12.51	\$1,440	0	\$4.50	\$0	\$1,627
June	31	162	100%	0	0	\$0.048	\$0	23	0.12	\$12.51	\$284	0	\$4.50	\$0	\$284
2nd half yr	3884	256		25,775	9	\$0.046	\$1,180	2,849	69.0	\$12.51	\$35,636	0	\$4.50	\$0	\$36,816
TOTALMEAR	6135	916		61,874	o	\$0.051	\$3,134	4,500	0.64	\$12.51	\$56,289	0	\$4.50	\$0	\$59,423
Building Data:		1952			Energy Con	sumption to B7	Energy Consumption to BTU Conversions	000							
Gross Area (ft)2		80,030			Electricity =	Electricity = KWH X 3413		211,175		ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3		640,240			Steam = M (Steam = M (lbs) X 1,000,000	00	4,499,806		ı	Total	Total BTU Consumption/Yr	tion/Yr	4,710,981,650	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0				Gross Area (#) 2	7	80,030	C C L
					Other Fuel			0	ju.		à	Divided by 100,000 =	=	0.3867	SERING
					TOT,	TOTAL BTU's x 1,000	00	4,710,982							

\$0.74

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Driscoll Center 2013

BUILDING: FY YEAR:

	DEGREE	DEGREE DAYS (DD)			FIFCTRICITY	ЗПУ			PLIRCHA	PLIRCHASED STEAM			FIFE	3	LATOT
MONTH	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	ENERGY COST
July	0	403	100%	50,391	125	\$0.052	\$2,629	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$2,629
August	က	184	100%	48,799	261	\$0.062	\$3,021	-	0.01	\$12.51	\$13	0	\$4.50	\$0	\$3,034
September	145	29	100%	44,141	208	\$0.056	\$2,454	51	0.24	\$12.51	\$643	0	\$4.50	\$0	\$3,097
104040	717	ď	1000%	30000	117	\$0.05E	¢2 733	14.7	35.0	647 54	900	c	64.50	ę	64 560
Navambar	4 1 4	0 0	400%	49,220	7 9	\$0.055	32,732	747	0.55	617.51	91,030	5 C	94.30	000	94,300
December	914	0 0	100%	57,327	63	\$0.051	\$2,911	324	0.35	\$12.51	\$4,053	0 0	\$4.50	0 9 8	\$6,964
1st half yr	2251	099		299,644	103	\$0.054	\$16,266	798	0.27	\$12.51	\$9,981	0	\$4.50	\$0	\$26,247
January	1141	0	100%	50.685	44	\$0.044	\$2,226	404	0.35	\$12.51	\$5,059	0	\$4.50	08	\$7.285
February	1034	0	100%	51,416	20	\$0.045	\$2,292	367	0.35	\$12.51	\$4,585	0	\$4.50	80	\$6.877
March	971	0	100%	54,910	22	\$0.043	\$2,385	344	0.35	\$12.51	\$4,305	0	\$4.50	\$0	\$6,690
9	1	0	į	1	i i		1	į	1	,	3	Ü	1	į	1
April	220	0	100%	47,590	87	\$0.048	\$2,307	195	0.35	\$12.51	\$2,439	0	\$4.50	\$0	\$4,745
May	157	94	100%	46,327	185	\$0.050	\$2,333	99	0.22	\$12.51	\$696	0	\$4.50	\$0	\$3,029
June	31	162	100%	43,932	228	\$0.048	\$2,089	1	90'0	\$12.51	\$137	0	\$4.50	\$0	\$2,226
2nd half yr	3884	256		294,860	7.1	\$0.046	\$13,631	1,377	0.33	\$12.51	\$17,221	0	\$4.50	\$0	\$30,852
TOTALMEAR	6135	916		594,504	84	\$0.050	\$29,897	2,175	0.31	\$12.51	\$27,202	0	\$4.50	\$0	\$57,099
Building Data:		1977			Energy Con:	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	6	38,675			Electricity =	Electricity = KWH X 3413		BTU's × 1,000 2,029,042			Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	(#)3	309,400			Steam = M (Steam = M (lbs) X 1,000,000	00	2,174,560			Total	Total BTU Consumption/Yr	tion/Yr	4,203,601,834	
										'		Gross Area (ft) 2	2	38,675	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	069	0			ä	7	į.	0000	C E
					Other Fuel			0	E		á	- 000,001 fd bankin	1	6000	
					TOT	TOTAL BTU's x 1,000	00.	4,203,602							

\$1.48

09/13/14	
DATE:	
Gilham Hall	2013
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BUILDING: FY YEAR:

Heating				EEEOING				Y I DY I D	POINCH LASED STEAM			LOEL OIL	5	TOTAL
	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	COST
0	403	100%	40,391	100	\$0.052	\$2,107	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$2,107
က	184	100%	42,290	226	\$0.062	\$2,618	က	0.01	\$12.51	\$32	0	\$4.50	\$0	\$2,650
145	29	100%	41,214	194	\$0.056	\$2,291	123	0.58	\$12.51	\$1,535	0	\$4.50	\$0	\$3,826
414	9	100%	43,708	104	\$0.055	\$2,426	350	0.83	\$12.51	\$4,383	0	\$4.50	\$0	\$6,809
775	0	100%	41,628	54	\$0.051	\$2,107	929	0.85	\$12.51	\$8,205	0	\$4.50	\$0	\$10,312
914	0	100%	40,549	44	\$0.051	\$2,059	774	0.85	\$12.51	\$9,677	0	\$4.50	\$0	\$11,736
2251	099		249,780	98	\$0.054	\$13,609	1,905	0.65	\$12.51	\$23,832	0	\$4.50	\$0	\$37,441
1141	0	100%	38,441	34	\$0.044	\$1,688	996	0.85	\$12.51	\$12,080	0	\$4.50	\$0	\$13,768
1034	0	100%	40,805	39	\$0.045	\$1,819	875	0.85	\$12.51	\$10,947	0	\$4.50	\$0	\$12,766
971	0	100%	57,725	59	\$0.043	\$2,507	822	0.85	\$12.51	\$10,280	0	\$4.50	\$0	\$12,787
550	0	100%	54,782	100	\$0.048	\$2,655	465	0.85	\$12.51	\$5,823	0	\$4.50	\$0	\$8,478
157	94	100%	39,658	158	\$0.050	\$1,997	133	0.53	\$12.51	\$1,662	0	\$4.50	\$0	\$3,659
31	162	100%	37,828	196	\$0.048	\$1,798	26	0.14	\$12.51	\$328	0	\$4.50	\$0	\$2,127
3884	256		269,238	99	\$0.046	\$12,465	3,287	62.0	\$12.51	\$41,120	0	\$4.50	\$0	\$53,585
6135	916		519,018	74	\$0.050	\$26,074	5,192	0.74	\$12.51	\$64,952	0	\$4.50	\$0	\$91,026
16	1953			Energy Con:	sumption to B7	Energy Consumption to BTU Conversions	10 CO							
Gross Area (ft)2 92	92,347			Electricity =	Electricity = KWH X 3413		1,771,408		-	Energy Utilization Index =	n Index =			
Gross Volume (ft)3 73	738,776			Steam = M (Steam = M (lbs) X 1,000,000	00	5,192,348			Total	Fotal BTU Consumption/Yr	tion/Yr	6,963,755,857	
				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0				Gross Area (ft) 2	2	92,347	
				Other Fuel			0			ί	Divided by 100,000 =	= 0	0.7541	THERMS
				TOT	TOTAL BTU's x 1,000	00	6,963,756							

\$0.99

Glass Bowl Stadium 2013

BUILDING: FY YEAR:

DATE: 09/13/14

,	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПТ			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kvvh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
1 65															
July	0	403	100%	42,805	106	\$0.052	\$2,233	13	0.03	\$4.88	63	0	\$4.50	\$0	\$2,297
August	က	184	100%	89,401	478	\$0.062	\$5,535	9	0.03	\$5.58	33	0	\$4.50	\$0	\$5,568
September	145	29	100%	81,107	383	\$0.056	\$4,509	0	0.00	#DIV/0i	0	0	\$4.50	\$0	\$4,509
October	414	9	100%	110,535	263	\$0.055	\$6,134	0	0.00	#DIV/0i	0	0	\$4.50	\$0	\$6,134
November	775	0	100%	129,775	167	\$0.051	\$6,570	54	0.07	\$4.23	228	0	\$4.50	\$0	\$6,798
December	914	0	100%	119,871	131	\$0.051	\$6,088	184	0.20	\$3.23	595	0	\$4.50	\$0	\$6,683
1st half yr	2251	099		573,495	197	\$0.054	\$31,069	257	0.09	\$3.58	\$920	0	\$4.50	\$0	\$31,989
January	1141	0	100%	104,312	91	\$0.044	\$4,580	302	0.26	\$3.82	1,153	0	\$4.50	80	\$5,734
February	1034	0	100%	94,944	92	\$0.045	\$4,232	493	0.48	\$3.67	1,811	0	\$4.50	\$0	\$6,043
March	971	0	100%	103,778	107	\$0.043	\$4,507	636	0.65	\$3.30	2,099	0	\$4.50	\$0	\$6,607
April	550	0	100%	100,430	183	\$0.048	\$4,868	551	1.00	\$3.56	1,962	0	\$4.50	\$0	\$6,830
May	157	94	100%	42,264	168	\$0.050	\$2,129	416	1.66	\$3.17	1,320	0	\$4.50	\$0	\$3,448
June	31	162	100%	44,340	230	\$0.048	\$2,108	156	0.81	\$3.73	581	0	\$4.50	\$0	\$2,689
2nd half yr	3884	256		490,068	118	\$0.046	\$22,424	2,554	0.62	\$3.50	\$8,926	0	\$4.50	\$0	\$31,350
TOTALMEAR	6135	916		1,063,562	151	\$0.050	\$53,493	2,811	0.40	\$3.50	\$9,846	0	\$4.50	\$0	\$63,339
Building Data:		1937			Energy Con	sumption to B	Energy Consumption to BTU Conversions	000 F 3 -11 FE							
Gross Area (ft)2	2	103,578			Electricity =	Electricity = KWH X 3413		3,629,938		Ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	(ft)3	828,624			Natural Gas	Natural Gas = MCF X 102,500	,500	288,128			Total	Total BTU Consumption/Yr	tion/Yr	3,918,065,981	
General Notes	120				Filel Oil = D	Firel Oil = Gallons X 138 690	UB	o				Gross Area (ft) 2	2	103,578	
	9							•			ViO	Divided by 100,000 =	= 0(0.3783	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	3,918,066							

\$0.61

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Grounds 2013

BUILDING: FY YEAR:

	DEGREE DAYS (DD)	AYS (DD)			FIFCTRICITY	CITY			NATU	NATURAL GAS			FUELOII		TOTAL
i		(20)													10.1
MONIH	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	COST
July	0	403	100%	13,400	33	\$0.052	\$698	4	0.04	\$27.01	\$120	0	\$4.50	0\$	\$819
August	ന	184	100%	12,376	99	\$0.062	\$766	က	0.05	\$41.52	\$111	0	\$4.50	\$0	28877
September	145	29	100%	10,323	49	\$0.056	\$574	2	0.03	\$59.79	\$106	0	\$4.50	\$0	\$680
October	414	ç	100%	10.912	26	\$0.055	\$606	ď	0.00	\$41.31	\$110	c	\$4.50	U	\$716
November	775	0	100%	10.861	1 4	\$0.051	\$550	. .	0.06	\$11.41	\$169		\$4 50	05	\$719
December	914	0	100%	15,048	16	\$0.051	\$764	52	0.19	\$5.54	\$291	0	\$4.50	\$0	\$1,055
1st half yr	2251	099		72,921	25	\$0.054	\$3,959	62	0.03	\$11.50	206\$	0	\$4.50	\$0	\$4,866
;		C	2000			, , ,	-	3	0			C	L	(
January	1141	0	100%	13,164	12	\$0.044	8/9	111	0.33	\$5.16	\$5/1	0	\$4.50	0\$	\$1,149
February	1034	0	100%	13,692	13	\$0.045	\$610	177	0.58	\$4.59	\$811	0	\$4.50	\$0	\$1,422
March	971	0	100%	13,183	4	\$0.043	\$573	226	0.79	\$4.23	\$956	0	\$4.50	\$0	\$1,529
April	550	0	100%	10,389	19	\$0.048	\$504	201	1.23	\$4.50	\$907	0	\$4.50	80	\$1,410
May	157	94	100%	9,778	39	\$0.050	\$492	152	2.04	\$4.16	\$630	0	\$4.50	\$0	\$1,122
June	31	162	100%	10,360	54	\$0.048	\$493	55	96.0	\$5.55	\$305	0	\$4.50	\$0	\$797
2nd half yr	3884	256		70,565	17	\$0.046	\$3,249	921	0.22	\$4.54	\$4,180	0	\$4.50	\$0	\$7,429
TOTALMEAR	6135	916		143,486	20	\$0.050	\$7,208	1,000	0.14	\$5.09	\$5,087	0	\$4.50	\$0	\$12,295
Building Data:		1995			Eneray Con	sumption to B ⁻	Energy Consumption to BTU Conversions	10-							
0					6			BTU's x 1,000							
Gross Area (ft)2		13,009			Electricity =	Electricity = KWH X 3413		489,716		Ш	Energy Utilization Index =	ln dex =			
Gross Volume (#)3	ft)3	104,072			Natural Gas	Natural Gas = MCF X 102,500	,500	102,522		ı	Total E	Total BTU Consumption/Yr	tion/Yr	592,237,874	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138.690	060	0			U	Gross Area (ft) 2	61	13,009	
											Divi	Divided by 100,000 =	= 0	0.4553	THERMS
					Other Fuel			0							
					TOT,	TOTAL BTU's x 1,000	000	592,238							
COST / SQ. FT. / YEAR	./YEAR		\$0.95												

\$0.16

WATER / SQ. FT. / YEAR

Health Human Services	2013
BUILDING:	FY YEAR:

	DEGREE DAYS (DD)	AYS (DD)			FIFCTRICITY	CITY			PURCHA	PURCHASED STEAM			NATHRAL GAS	SAS	TOTAL
MONTH	Heating		% 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	ENERGY COST
July	0	403	100%	127,145	315	\$0.052	\$6,633	0	0.00	\$12.51	\$0	0	\$0.00	\$0	\$6,633
August	ო	184	100%	124,855	899	\$0.062	\$7,730	4	0.02	\$12.51	\$56	0	\$0.00	\$0	\$7,786
September	145	29	100%	124,803	589	\$0.056	\$6,938	217	1.02	\$12.51	\$2,710	0	\$0.00	\$0	\$9,648
October	414	9	100%	129.114	307	\$0.055	\$7,165	618	1.47	\$12.51	\$7.737	0	\$0.00	08	\$14.902
November	775	0	100%	116,324	150	\$0.051	\$5,889	1,158	1.49	\$12.51	\$14,483	0	\$0.00	80	\$20,372
December	914	0	100%	125,778	138	\$0.051	\$6,388	1,365	1.49	\$12.51	\$17,081	0	\$0.00	\$0	\$23,469
1st half yr	2251	099		748,018	257	\$0.054	\$40,743	3,363	1.16	\$12.51	\$42,066	0.00	\$0.00	\$0	\$82,810
January	1141	0	100%	114,809	101	\$0.044	\$5,041	1,705	1.49	\$12.51	\$21,323	0	\$0.00	80	\$26,364
February	1034	0	100%	120.874	117	\$0.045	\$5,388	1,545	1.49	\$12.51	\$19,323	0	\$0.00	20	\$24.711
March	971	0	100%	128,527	132	\$0.043	\$5,582	1,451	1.49	\$12.51	\$18,146	0	\$0.00	\$0	\$23,728
April	550	0	100%	125,187	228	\$0.048	\$6.068	822	1,49	\$12.51	\$10.278	0	\$0.00	80	\$16.346
Max	157	94	100%	111 842	446	SO 050	\$5 633	235	0.93	\$12.51	\$2 934	C	\$0.00	\$	SB 567
line	3 5	162	100%	116 997	909	\$0.038	\$5.562	202	20.0	\$12.51	\$5.20	o c	\$0.00	\$ \$	\$6 147
0	5	70-	9 00	66,0	9	1000	700,00	Ç t	t 7.0	5) - -	ò	o •	9	±0÷
2nd half yr	3884	256		718,235	173	\$0.046	\$33,274	5,802	1.40	\$12.51	\$72,584	0	\$0.00	\$0	\$105,858
TOTALMEAR	6135	916		1,466,253	208	\$0.050	\$74,017	9,165	1.30	\$12.51	\$114,650	0	\$0.00	\$0	\$188,668
Building Data:		1961			Energy Con	sumption to B	Energy Consumption to BTU Conversions	000 t > 3'1 Fa							
Gross Area (ft)2		163,006			Electricity =	Electricity = KWH X 3413		5,004,320		ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	ft)3	1,304,048			Steam = M	Steam = M (lbs) X 1,000,000	000	9,165,256			Total F	Total BTU Consumption/Yr	tion/Yr	14,169,575,777	
Conoral Motor.					aco Imitaly	Natural Gas - MCE X 102 500	200	c			U	Gross Area (ft) 2	2	163,006	i
Oeiiciai Notes.					Ivatural Gas	70 V 10 I	000,	o			İ	Divided by 100,000 =	= 0	0,8693	THERMS
					Other Fuel			0				N			
					701	TOTAL BTU's x 1,000	000	14,169,576							
COST / SQ. FT. / YEAR	./YEAR		\$1.16												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.18												

BUILDING: Health Education Center FY YEAR: 2013

	DEGREE DAYS (DD)	JAYS (DD)			ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	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	ENERGY
A.															
July	0	403	100%	88,440	219	\$0.052	\$4,614	546	1.35	\$4.88	2,665	0	\$4.50	\$0	\$7,279
August	က	184	100%	066'66	535	\$0.062	\$6,190	254	1.36	\$5.58	1,417	0	\$4.50	\$0	\$7,607
September	145	29	100%	86,684	409	\$0.056	\$4,819	263	1.24	\$5.37	1,412	0	\$4.50	0\$	\$6,231
October	414	9	100%	75,767	180	\$0.055	\$4,205	351	0.84	\$4.23	1,485	0	\$4.50	\$0	\$5,689
November	775	0	100%	55,738	72	\$0.051	\$2,822	428	0.55	\$4.23	1,808	0	\$4.50	\$0	\$4,630
December	914	0	100%	59,171	65	\$0.051	\$3,005	805	0.88	\$3.23	2,603	0	\$4.50	80	\$5,608
1st half yr	2251	099		465,790	160	\$0.055	\$25,655	2,647	0.91	\$4.30	\$11,390	0	\$4.50	\$0	\$37,045
January	1141	0	100%	54,949	48	\$0.044	\$2,413	918	080	\$3.82	3,506	0	\$4.50	\$0	\$5,919
February	1034	0	100%	54,099	52	\$0.045	\$2,412	945	0.91	\$3.67	3,471	0	\$4.50	\$0	\$5,883
March	971	0	100%	59,959	62	\$0.043	\$2,604	1,076	1.11	\$3.30	3,552	0	\$4.50	\$0	\$6,156
April	550	0	100%	57,725	105	\$0.048	\$2,798	1,120	2.04	\$3.56	3,988	0	\$4.50	\$0	\$6,786
Mav	157	94	100%	70.405	280	\$0.050	\$3.546	1.095	4.36	\$3.17	3.473	0	\$4.50	20	\$7.019
June	31	162	100%	101,022	523	\$0.048	\$4,803	758	3.93	\$3.73	2,824	0	\$4.50	0\$	\$7,627
2nd half vr	3884	25.6		308 150	96	\$0.047	\$18 575	5 912	4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	43 57	\$20.814	c	27.50	\$	430 380
לוומוו או	1000	0004		, , ,	9	10.00	2	716,0	t -	20:00	t-0,075	o) †) }	000,000
TOTALMEAR	6135	916		863,949	123	\$0.051	\$44,230	8,559	1.21	\$3.76	\$32,204	0	\$4.50	\$0	\$76,434
Building Data:		1967			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	~	79,016			Electricity =	Electricity = KWH X 3413		BTU's x 1,000 2,948,656			Energy Utilization Index =	ln dex =			
Gross Volume (#)3	(#)3	632,128			Natural Gas	Natural Gas = MCF X 102,500	,500	877,298		'	Total	Total BTU Consumption/Yr	tion/Yr	3,825,953,731	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	390	0				Gross Area (ft) 2	2	79,016	
					Other Fuel			0			Ã	Divided by 100,000 =	≡ ⊇	0.4842	IHEKMS
					TOT,	TOTAL BTU's x 1,000	000	3,825,954							
COST / SQ. FT. / YEAR	./YEAR		\$0.97												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.18												

BUILDING: International House FY YEAR: 2013

2	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			NATURAL GAS	AS	TOTAL
MONTH	Heating	Cooling	% P.F.	kvvh	kWh per DD	Cost per kVVh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	1000 cubic feet (Mcf)	Cost per McF	TOTAL	ENERGY
July	0	403	100%	66,533	165	\$0.052	\$3,471	0	0.00	\$12.51	\$0	S	\$4.28	55	\$3,526
August	ന	184	100%	114,541	613	\$0.062	\$7,091	4	0.02	\$12.51	\$48	10	\$4.28	91	\$7,230
September	145	29	100%	119,083	562	\$0.056	\$6,620	185	0.87	\$12.51	\$2,309	27	\$4.28	131	\$9,060
October	414	9	100%	124.106	295	\$0.055	\$6.887	527	1.25	\$12.51	\$6.593	37	\$4.28	09	\$13.540
November	775	0	100%	108,115	140	\$0.051	\$5,473	286	1.27	\$12.51	\$12.342	53	\$4.28	179	\$17,994
December	914	0	100%	103,099	113	\$0.051	\$5,236	1,164	1.27	\$12.51	\$14,555	09	\$4.28	255	\$20,046
1st half yr	2251	099		635,477	218	\$0.055	\$34,779	2,866	0.98	\$12.51	\$35,846	191	\$4.03	022\$	\$71,396
January	1141	0	100%	104,475	92	\$0.044	\$4,587	1,453	1.27	\$12.51	\$18,170	45	\$4.28	240	\$22,998
February	1034	0	100%	106,769	103	\$0.045	\$4,759	1,316	1.27	\$12.51	\$16,466	28	\$4.28	216	\$21,441
March	971	0	100%	108,463	112	\$0.043	\$4,711	1,236	1.27	\$12.51	\$15,463	37	\$4.28	124	\$20,298
April	550	0	100%	108,092	197	\$0.048	\$5,239	200	1.27	\$12.51	\$8,759	24	\$4.28	250	\$14,248
May	157	94	100%	76,772	306	\$0.050	\$3,866	200	0.80	\$12.51	\$2,500	44	\$4.28	194	\$6,561
June	31	162	100%	74,379	385	\$0.048	\$3,536	39	0.20	\$12.51	\$494	33	\$4.28	198	\$4,228
2nd half yr	3884	256		578,949	140	\$0.046	\$26,699	4,944	1.19	\$12.51	\$61,852	274	\$4.46	\$1,223	\$89,774
TOTALMEAR	6135	916		1,214,427	172	\$0.051	\$61,479	7,810	1.11	\$12.51	\$97,698	465	\$4.28	\$1,992	\$161,169
Building Data:	2000	1994			Energy Con	sumption to B7	Energy Consumption to BTU Conversions	000							
Gross Area (ft)2	75	138,904			Electricity =	Electricity = KWH X 3413		4,144,838		ш	Energy Utilization Index =	ndex =			
Gross Volume (ft)3	(#)3	1,111,232			Steam = M (Steam = M (lbs) X 1,000,000	00	7,810,085			Total	Total BTU Consumption/Yr		12,002,626,505	
						201	00	100				Gross Area (ft) 2	2	138,904	
General Notes:	:4				Natural Gas	Naturai Gas = MCF X 102,500	006	47,704			Div	Divided by 100.000 =	= 0	0.8641	THERMS
					Other Fuel			0				,			
					TOT,	TOTAL BTU's x 1,000	00	12,002,627							

\$1.16

DATE: 09/13/14	
PA	
Lake Erie Center	2013

BUILDING: FY YEAR:

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СІТУ			NATU	NATURAL GAS			FUEL OII		TOTAL
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	45,700	113	\$0.052	\$2,384	343	0.85	\$5.33	1,830	0	\$4.50	\$0	\$4,214
August	က	184	100%	45,700	244	\$0.062	\$2,829	7.7	0.41	\$8.30	639	0	\$4.50	\$0	\$3,469
September	145	29	100%	87,600	413	\$0.056	\$4,870	305	1.44	\$5.12	1,563	0	\$4.50	\$0	\$6,432
October	414	9	100%	72,500	173	\$0.055	\$4,024	394	0.94	\$4.83	1,904	0	\$4.50	\$0	\$5,928
November	775	0	100%	47,600	61	\$0.051	\$2,410	319	0.41	\$5.25	1,676	0	\$4.50	80	\$4,086
December	914	0	100%	45,500	20	\$0.051	\$2,311	443	0.48	\$4.14	1,836	0	\$4.50	80	\$4,147
1st half yr	2251	099		344,600	118	\$0.055	\$18,827	1,881	0.65	\$5.02	\$9,448	0	\$4.50	\$0	\$28,275
January	1141	0	100%	49,200	43	\$0.044	\$2,160	481	0.42	\$4.82	2,318	0	\$4.50	\$0	\$4,478
February	1034	0	100%	45,700	44	\$0.045	\$2,037	585	0.57	\$4.52	2,643	0	\$4.50	\$0	\$4,680
March	971	0	100%	78,400	81	\$0.043	\$3,405	506	0.52	\$4.35	2,202	0	\$4.50	\$0	\$5,607
April	550	0	100%	15,100	27	\$0.048	\$732	470	0.85	\$4.62	2,169	0	\$4.50	\$0	\$2,901
May	157	94	100%	45,900	183	\$0.050	\$2,312	409	1.63	\$4.20	1,717	0	\$4.50	\$0	\$4,029
June	31	162	100%	49,200	255	\$0.048	\$2,339	91	0.47	\$6.91	628	0	\$4.50	\$0	\$2,967
2nd half yr	3884	256		283,500	89	\$0.046	\$12,985	2,542	0.61	\$4.59	\$11,678	0	\$4.50	\$0	\$24,663
TOTALMEAR	6135	916		628,100	88	\$0.051	\$31,813	4,423	0.63	\$4.78	\$21,125	0	\$4.50	\$0	\$52,938
Building Data:		1997			Energy Con	sumption to B	Energy Consumption to BTU Conversions	s BTI1's < 1 000							
Gross Area (ft)2	2	34,054			Electricity =	Electricity = KWH X 3413	gg/min.	2,143,705		Ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	(#)3	272,432			Natural Gas	Natural Gas = MCF X 102,500	,500	453,358			Total	Total BTU Consumption/Yr	tion/Yr	2,597,062,800	
General Notes:	90				Fuel Oil = G	Fuel Oil = Gallons X 138,690	990	0			Ü	Gross Area (ft) 2	2	34,054	
					Other Fuel			0			Div	Divided by 100,000 =	= 01	0.7626	THERMS
					TOT	TOTAL BTU's x 1,000	000	2,597,063							

\$1.55

2	DEGREE	DEGREE DAYS (DD)			FIFCTRICITY	XII.			NATLIE	NATURAL GAS			FIFE		A FOT
MONTH	Heating	Cooling	% P.F.	kvvh	kWh per	Cost per	TOTAL	1000 cubic	Mcfper	Cost per	TOTAL	Load-shed	Cost per	@20 Gal/Hr	ENERGY
1843	E.				20	KVVII		leer (MCI)	ממ	MICI		Sinon	gal	7	3
July	0	403	100%	185,671	461	\$0.052	\$9,687	80	0.20	\$4.88	390	0	\$4.50	\$0	\$10,077
August	ന	184		181,797	972	\$0.062	\$11,255	81	0.43	\$5.58	452	0	\$4.50	80	\$11,707
September	145	29		150,918	712	\$0.056	\$8,390	83	0.42	\$5.37	478	0	\$4.50	80	\$8,868
3		ā			!					1			11	7.5	
October	414	9		133,093	317	\$0.055	\$7,386	433	1.03	\$4.23	1,831	0	\$4.50	\$0	\$9,218
November	775	0	100%	104,574	135	\$0.051	\$5,294	135	0.17	\$4.23	220	0	\$4.50	80	\$5,864
December	914	0		104,294	11 4	\$0.051	\$5,297	198	0.22	\$3.23	640	0	\$4.50	0\$	\$5,937
1st half yr	2251	099		860,346	296	\$0.055	\$47,309	1,016	0.35	\$4.29	\$4,362	0	\$4.50	80	\$51,671
January	1141	0	100%	95,133	83	\$0.044	\$4.177	231	0.20	\$3.82	882	0	\$4.50	80	\$5.059
February	1034	0	100%	90,592	88	\$0.045	\$4,038	288	0.28	\$3.67	1,058	0	\$4.50	\$0	\$5,096
March	971	0	100%	103,114	106	\$0.043	\$4,479	384	0.40	\$3.30	1,268	0	\$4.50	\$0	\$5,746
April	550	0		115,398	210	\$0.048	\$5,593	387	0.70	\$3,56	1.378	0	\$4.50	80	\$6.971
May	157	94	100%	141,715	565	\$0.050	\$7,137	222	0.88	\$3.17	704	0	\$4.50	20	\$7,841
June	31	162		162,233	841	\$0.048	\$7,713	171	0.89	\$3.73	637	0	\$4.50	\$0	\$8,350
2nd half yr	3884	256		708,185	171	\$0.047	\$33,137	1,683	0.41	\$3.52	\$5,927	0	\$4.50	0\$	\$39,064
TOTALMEAR	6135	916		1,568,531	222	\$0.051	\$80,446	2,699	0.38	\$3.81	\$10,289	0	\$4.50	\$0	\$90,735
Building Data:		1990			Energy Cons	umption to BTI	Energy Consumption to BTU Conversions	MCCOLUMN COOL TOOL							
Gross Area (ft)2	2	32,139			Electricity = M	Electricity = KWH X 3413		BTU's x 1,000 5,353,395		Ш	Energy Utilization Index =	= xəpu			
Gross Volume (ft)3	(ft)3	257,112		_	Natural Gas	Natural Gas = MCF X 102,500	00	276,648			Total B	Total BTU Consumption/Yr	tion/Yr	5,630,042,779	
										I	o I	Gross Area (ft) 2		32,139	
General Notes:	5000				Fuel Oil = Ga	Fuel Oil = Gallons X 138,700	0	0			i i	- 000 000 100 000 -	ı	1 7510	OW OUT
				100	Other Fuel		•	0				o o o o	ı D		
					TOTA	TOTAL BTU's x 1,000	0	5,630,043							
COST / SQ. FT. / YEAR	./YEAR		\$2.82												

WATER / SQ. FT. / YEAR

09/13/14	
DATE:	

Law Center 2013

BUILDING: FY YEAR:

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	спу			PURCHA	PURCHASED STEAM			NATURAL GAS	3AS	TOTAL
MONTH	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	ENERGY
July	0	403	100%	265,055	658	\$0.052	\$13,828	0	0.00	\$12.51	\$0	-	\$20.83	23	\$13,851
August	ന	184	100%	271,823	1,454	\$0.062	\$16,829	ന	0.02	\$12.51	\$43	-	\$20.83	26	\$16,897
September	145	29	100%	267,223	1,260	\$0.056	\$14,855	167	0.79	\$12.51	\$2,084	-	\$20.83	28	\$16,968
October	414	9	100%	282,147	672	\$0.055	\$15,658	476	1.13	\$12.51	\$5,952	-	\$20.83	25	\$21,635
November	775	0	100%	259,129	334	\$0.051	\$13,118	891	1.15	\$12.51	\$11,141	_	\$20.83	26	\$24,285
December	914	0	100%	356,924	391	\$0.051	\$18,127	1,050	1.15	\$12.51	\$13,139	-	\$20.83	27	\$31,293
1st half yr	2251	099		1,702,301	285	\$0.054	\$92,416	2,587	0.89	\$12.51	\$32,359	9	\$26.60	\$154	\$124,930
January	1141	0	100%	329,606	289	\$0.044	\$14,473	1,311	1.15	\$12.51	\$16,403	0	\$20.83	23	\$30,898
February	1034	0	100%	342,160	331	\$0.045	\$15,252	1,188	1.15	\$12.51	\$14,864	2	\$20.83	29	\$30,146
March	971	0	100%	274,846	283	\$0.043	\$11,937	1,116	1.15	\$12.51	\$13,959	2	\$20.83	23	\$25,919
April	550	0	100%	283,903	516	\$0.048	\$13,761	632	1.15	\$12.51	206'2\$	2	\$20.83	30	\$21,697
May	157	94	100%	270,720	1,079	\$0.050	\$13,634	180	0.72	\$12.51	\$2,257	က	\$20.83	38	\$15,929
June	31	162	100%	271,016	1,404	\$0.048	\$12,885	36	0.18	\$12.51	\$446	2	\$20.83	30	\$13,361
2nd half yr	3884	256		1,772,251	428	\$0.046	\$81,942	4,463	1.08	\$12.51	\$55,835	10	\$17.45	\$173	\$137,949
TOTALMEAR	6135	916		3,474,552	493	\$0.050	\$174,358	7,050	1.00	\$12.51	\$88,194	16	\$20.83	\$327	\$262,879
Building Data:		1972			Energy Con	sumption to B	Energy Consumption to BTU Conversions	s PTI's v 1 000							
Gross Area (ft)2	61	125,392			Electricity =	Electricity = KWH X 3413		11,858,645		Ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	ft)3	1,003,136			Steam = M (Steam = M (lbs) X 1,000,000	000	7,050,353			Total	Total BTU Consumption/Yr	tion/Yr	18,910,606,825	
General Notes:					Natural Gas	Natural Gas = MCF X 102,500	,500	1,609		I		Gross Area (ft) 2	2	125,392	
					Other Fuel			0			ā	Divided by 100,000 =	= 00	1.5081	THERMS
					TOT	TOTAL BTU's x 1,000	000	18,910,607							

\$2.10

DATE: 09/13/1		
Levis House	2013	
BUILDING:	FY YEAR:	

<i>y</i>	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
ş:															
July	0	403	100%	6,805	17	\$0.052	\$355	12	0.03	\$5.95	73	0	\$4.50	\$0	\$428
August	ო	184	100%	6,550	35	\$0.062	\$406	34	0.18	\$6.83	230	0	\$4.50	\$0	\$636
September	145	29	100%	4,109	19	\$0.056	\$228	30	0.14	\$5.71	171	0	\$4.50	\$0	\$400
October	414	9	100%	4.109	10	\$0.055	\$228	25	90.0	\$3.84	97	0	\$4.50	\$0	\$325
November	775	0	100%	3.756	2	\$0.051	\$190	32	0.04	\$4.71	149	0	\$4.50	80	\$339
December	914	0	100%	5,422	9	\$0.051	\$275	31	0.03	\$4.14	129	0	\$4.50	\$0	\$404
1st half yr	2251	099		30,751	Ξ	\$0.055	\$1,683	164	90.0	\$5.18	\$848	0	\$4.50	\$0	\$2,531
January	1141	0	100%	8,245	2	\$0.044	\$362	35	0.03	\$3.56	124	0	\$4.50	\$0	\$486
February	1034	0	100%	7.413	7	\$0.045	\$330	42	0.04	\$3.49	145	0	\$4.50	\$0	\$476
March	971	0	100%	2,756	က	\$0.043	\$120	39	0.04	\$4.25	165	0	\$4.50	\$0	\$285
April	550	0	100%	2.756	ιΩ	\$0.048	\$134	40	0.07	\$4.90	197	0	\$4.50	80	\$331
Max	157	0	100%	2 756	Ţ	80.050	\$130	38	7,	07 70	150	c	64 50	¥	800\$
ling	5 2	187	8 00 0	4,700	- :	90.00	2	9 6	5 6	90 00	2 5	0 0	00.44	9 6	4230
onne	<u>ა</u>	701	%00L	4,480	57	\$0.048	\$Z14	gs Qs	n 	\$3.90 \$4.90	5	0	34.50	0	/ CS#
2nd half yr	3884	256		28,421	7	\$0.046	\$1,298	229	90.0	\$4.07	\$932	0	\$4.50	\$0	\$2,231
TOTALMEAR	6135	916		59,172	ω	\$0.095	\$5,643	393	90.0	\$4.53	\$1,781	0	\$4.50	\$0	\$7,424
Building Data:		1920			Energy Cor	sumption to B	Energy Consumption to BTU Conversions	S PTII's < 1 000							
Gross Area (ft)2	2	6,457			Electricity =	Electricity = KWH X 3413		201,954		ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(ft)3	51,656			Natural Gas	Natural Gas = MCF X 102,500	,500	40,303			Total	Total BTU Consumption/Yr	tion/Yr	242,257,036	
(0	7 - 1 - 0 - 0	ç	c				Gross Area (ft) 2	2	6,457	ī
Gellel al Notes.	127					Jailolls A 136,0	080	•			۵	Divided by 100 000 =	= 00	0.3752	THERMS
					Other Fuel			0				,			
					TOT	TOTAL BTU's x 1,000	000	242,257							
COST / SQ. FT. / YEAR	./YEAR		\$1.15												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.48												

09/13/14	
DATE:	
Libby Hall	2013
BUILDING:	

	DEGREE DAYS (DD)	(DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			NATURAL GAS	GAS	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	396	-	\$0.052	\$21	0	0.00	\$12.51	\$0	15	\$5.23	34	\$55
August	က	184	100%	389	2	\$0.062	\$24	0	0.00	\$12.51	\$6	20	\$5.23	108	\$138
September	145	29	100%	350	7	\$0.056	\$19	22	0.11	\$12.51	\$279	26	\$5.23	133	\$431
October	414	ç	100%	343		\$0.055	9	64	0.15	\$12.51	\$796	20	\$5 23	98	006\$
November	775	0	100%	297	. 0	\$0.051	\$15	. 1	0.15	\$12.51	\$1.490	22	\$5.23	106	\$1.611
December	914	0	100%	370	0	\$0.051	\$19	140	0.15	\$12.51	\$1,757	22	\$5.23	104	\$1,880
1st half yr	2251	099		2,145	-	\$0.055	\$117	346	0.12	\$12.51	\$4,327	125	\$4.57	\$571	\$5,015
January	1141	0	100%	45,049	39	\$0.044	\$1,978	175	0.15	\$12.51	\$2,193	23	\$5.23	94	\$4,266
February	1034	0	100%	90.467	87	\$0.045	\$4.033	159	0.15	\$12.51	\$1.988	22	\$5.23	101	\$6.121
March	971	0	100%	76,813	43	\$0.043	\$3,336	149	0.15	\$12.51	\$1,867	23	\$5.23	114	\$5,317
April	550	0	100%	76.813	140	\$0.048	\$3.723	82	0.15	\$12.51	\$1,057	22	\$5.23	104	\$4,884
May	157	94	100%		295	\$0.050	\$3 730	24	010	\$12.51	\$302	σ	\$5.23	86	\$4 129
June	31	162	100%	76,631	397	\$0.048	\$3,643		0.02	\$12.51	\$60	. E	\$5.23	152	\$3,855
2nd half yr	3884	256		439,835	106	\$0.046	\$20,443	297	0.14	\$12.51	\$7,466	Ξ	\$5.97	\$663	\$28,572
O A TOTAL	200	9		070	é	6	000	670	2	6	1100	900	, L	400	002
I OI ALITEAN	6510	910		9/8,144	co	\$0.047	920,026	045	0.13	10.71¢	911,185	730	\$2.23	667,14	\$22,200
Building Data:		1935			Energy Con	sumption to B	Energy Consumption to BTU Conversions	BTU's x 1.000							
Gross Area (ft)2		16,767			Electricity =	Electricity = KWH X 3413		1,508,475		10.70	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	ft)3	134,136			Steam = M (Steam = M (lbs) X 1,000,000	000	942,750			Total	Total BTU Consumption/Yr	otion/Yr	2,475,434,976	ĺ
					-	201	C					Gross Area (ft) 2	2	16,767	Í
General Notes.					Namrai Gas	Natural Gas = Micr A 102,300	006;	117,47			ć	Divided by 100 000 =	= 00	1 4764	THERMS
					Other Fuel			0			i	·			
					TOT	TOTAL BTU's x 1,000	000	2,475,435							
COST / SQ. FT. / YEAR	/YEAR		\$2.00												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.11												

09/13/14	
DATE: (
MacKinnon Hall	2013
BUILDING:	FY YEAR:

Heating Heat		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OII	T	TOTAL
ber 145 67 100% 13844 55 80.062 8863 1 0 0.01 812.51 814 0 84.50 80 80 80.062 8863 1 0 0.01 812.51 814 0 84.50 80 80 80.062 80.	MONTH	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	ENERGY
14 14 100% 13924 34 50.055 5925 159 100 51251 510 100 5450 59 59 59 59 59 59 59																
1	July	0	403	100%		34	\$0.052	\$722	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$722
ber 145 67 1004 11,064 52 80.056 8615 156 12,51 81,58	August	က	184	100%	13,932	75	\$0.062	\$863	-	0.01	\$12.51	\$14	0	\$4.50	\$0	\$877
414 6 100% 11.75 / 100% 128 \$10.55 / 100% 1582 / 100% \$15.51 / 100% \$15.51 / 100% \$15.51 / 100% \$15.51 / 100% \$15.51 / 100% \$15.50 / 100%	September	145	29	100%	11,064	52	\$0.056	\$615	56	0.26	\$12.51	\$695	0	\$4.50	\$0	\$1,310
100% 1,00%	October	414	9	100%	11,757	28	\$0.055	\$652	159	0.38	\$12.51	\$1,983	0	\$4.50	80	\$2,636
251 60 100% 13.23 14 \$0.055 \$4.066 \$65 \$12.51 \$4.379 \$6 \$6.50 \$8 252 60 100% 11.76 10 \$0.044 \$81.06 \$82 \$12.51 \$10.784 \$0 \$4.50 \$80 1141 0 100% 11.76 11 \$0.044 \$81.0 \$43.6 \$12.51 \$84.66 \$0 \$4.50 \$80 971 100% 11.776 11 \$0.044 \$81.6 \$43.6 \$12.61 \$4.964 \$0 \$4.50 \$80 971 100% 12.89 \$24 \$0.044 \$81.6 \$12.61 \$12.66 \$12.60 \$12.61 \$12.61 \$12.62 \$12.61 \$12.62 \$12.61 \$12.62 \$12.60 \$12.61 \$12.61 \$12.62 \$12.61 \$12.62 \$12.61 \$12.62 \$12.61 \$12.62 \$12.61 \$12.62 \$12.61 \$12.62 \$12.62 \$12.62 \$12.62 \$12.62 \$12.62 <td>Vovember</td> <td>775</td> <td>0</td> <td>100%</td> <td>11,095</td> <td>4</td> <td>\$0.051</td> <td>\$562</td> <td>297</td> <td>0.38</td> <td>\$12.51</td> <td>\$3,713</td> <td>0</td> <td>\$4.50</td> <td>80</td> <td>\$4,274</td>	Vovember	775	0	100%	11,095	4	\$0.051	\$562	297	0.38	\$12.51	\$3,713	0	\$4.50	80	\$4,274
1141 0 100% 11,76 10 \$0.046 \$6.7 0.36 \$12.51 \$5.10,784 0 \$4.50 \$8.50 \$8.50 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.60 \$9.80 </td <td>Jecember</td> <td>914</td> <td>0</td> <td>100%</td> <td></td> <td>4</td> <td>\$0.051</td> <td>\$672</td> <td>350</td> <td>0.38</td> <td>\$12.51</td> <td>\$4,379</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$5,051</td>	Jecember	914	0	100%		4	\$0.051	\$672	350	0.38	\$12.51	\$4,379	0	\$4.50	\$0	\$5,051
1141 0 0 100% 11,787 10 50.044 5517 437 0.38 51251 55.466 0 54.50 50 50 50 50 50 50 50 50 50 50 50 50 5	st half yr	2251	099			26	\$0.055	\$4,086	862	0:30	\$12.51	\$10,784	0	\$4.50	\$0	\$14,870
1004 0 100% 11,176 11 \$0.045 \$498 396 0.38 \$12.51 \$4,952 0 \$4.50 \$50	annary	1141	0	100%	11,767	10	\$0.044	\$517	437	0.38	\$12.51	\$5,466	0	\$4.50	\$0	\$5,983
971 0 100% 12,570 13 \$0.043 \$546 372 0.38 \$12,51 \$4,552 0 \$4,50 \$50 550 0 100% 12,866 51 \$0.048 \$629 211 0.38 \$12,51 \$2,635 0 \$4,50 \$50 31 162 100% 12,866 51 \$0.048 \$617 12 0.06 \$12,51 \$149 0 \$4,50 \$50 3884 256 1 \$0.048 \$51,451 \$1,267 0 \$4,50 \$0 \$6 3135 316 1 \$0.046 \$7,541 \$2,350 0 \$4,50 \$0 \$6 3133 31 31 \$1,567 \$1,487 0 \$1,567 \$0 \$4,50 \$0 \$0 \$1 \$1 \$1 \$1,571 \$1,570 \$1 \$2,533 \$1 \$1 \$2,5939 \$1 \$1 \$1 \$1 \$1,571 \$1,572 <t< td=""><td>ebruary</td><td>1034</td><td>0</td><td>100%</td><td>11,178</td><td>=</td><td>\$0.045</td><td>\$498</td><td>396</td><td>0.38</td><td>\$12.51</td><td>\$4,954</td><td>0</td><td>\$4.50</td><td>80</td><td>\$5,452</td></t<>	ebruary	1034	0	100%	11,178	=	\$0.045	\$498	396	0.38	\$12.51	\$4,954	0	\$4.50	80	\$5,452
550 0 100% 12.987 24 \$0.048 \$629 211 0.38 \$12.51 \$2.563 0 \$4.50 \$0 31 162 100% 12.969 67 \$0.060 \$648 60 0.24 \$12.51 \$752 0 \$4.50 \$0 3884 256 74,336 18 \$0.046 \$5,455 1,487 0.36 \$12.51 \$18,607 0 \$4.50 \$0 3135 316 149,261 21 \$0.046 \$7,541 2,350 0.33 \$12.51 \$18,607 0 \$4.50 \$0 1938 1938 141,787	/arch	971	0	100%	12,570	13	\$0.043	\$546	372	0.38	\$12.51	\$4,652	0	\$4.50	80	\$5,198
157 94 100% 12.866 51 \$0.050 \$848 60 0.24 \$12.51 \$752 0 \$4.50 \$50 \$60 \$1.25 \$1	pri	550	0	100%		24	\$0.048	\$629	211	0.38	\$12.51	\$2,635	0	\$4.50	\$0	\$3,264
31 162 100% 12,969 67 \$0.046 \$617 12 0.06 \$12.51 \$18.607 0 \$4.50 \$0 5884 256 74,336 18 \$0.046 \$5,455 1487 0.36 \$12.51 \$18.607 0 \$4.50 \$0 5135 916 149,261 21 \$0.051 \$7,541 2,350 0.33 \$12.51 \$29,391 0 \$4.50 \$0 41,787 Electricity = KWH X 3413 509,428 Energy Utilization Index = A1,787	lay	157	94	100%		51	\$0.050	\$648	9	0.24	\$12.51	\$752	0	\$4.50	80	\$1,400
5135 916 74,336 18 \$0.046 \$3,455 1,487 0.36 \$12,51 \$18,607 0 \$4.50 \$0 5135 916 149,261 21 \$0.051 \$7,541 2,350 0.33 \$12,51 \$59,391 0 \$4.50 \$0 1938 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Energy Utilization Index = Consumption/Yr 2,958,965,010 \$0 41,787 Steam = M (lbs) X 1,000,000 2,349,537 Total BTU Consumption/Yr 2,858,965,010 \$0 Fuel Oil = Callons X 138,690 0 Divided by 100,000 = 0.6842 TTH TOTAL BTU's x 1,000 2,858,965 Divided by 100,000 = 0.6842 TTH	nue	31	162	100%		29	\$0.048	\$617	12	90.0	\$12.51	\$149	0	\$4.50	\$0	\$765
1938 Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions 41,787 Electricity = KWH X 3413 509,428 Energy Utilization Index =	nd half yr	3884	256		74,336	18	\$0.046	\$3,455	1,487	0.36	\$12.51	\$18,607	0	\$4.50	80	\$22,062
Energy Consumption to BTU Conversions 41,787 Electricity = KVVH X 3413 S109,428 Steam = M (lbs) X 1,000,000 S134,296 Steam = M (lbs) X 1,000,000 S134,296 Steam = M (lbs) X 138,690 Other Fuel Cher Fuel TOTAL BTU's x 1,000 S134,296 Total BTU Consumption/Yr S138,995,010 Gross Area (ft) 2 41,787 TOTAL BTU's x 1,000 S134,200	OTAL/YEAR	6135	916		149,261	21	\$0.051	\$7,541	2,350	0.33	\$12.51	\$29,391	0	\$4.50	\$0	\$36,932
41,787 Electricity = KWH X 3413 509,428 Energy Utilization Index = 509,428 Steam = M (lbs) X 1,000,000 2,349,537 Total BTU Consumption/YY 2,858,965,010 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0.6842 TOTAL BTU's x 1,000 2,858,965	uilding Data:		1938			Energy Con	sumption to B	TU Conversion:								
334,296 Steam = M (lbs) X 1,000,000 2,349,537 Total BTU Consumption/Yr 2,858,965,010 Fuel Oil = Callons X 138,690 0 Divided by 100,000 = 0,6842 Other Fuel TOTAL BTU's x 1,000 2,858,965	iross Area (ft)2		41,787			Electricity =	KWH X 3413		509,428		Ш	Energy Utilizatio	n Index =			
Gross Area (ft) 2 41,787 Fuel Oil = Gallons X 138,690 0 Other Fuel TOTAL BTU's x 1,000 2 888,965	Pross Volume (f	f)3	334,296			Steam = M (0,000,1 X (sdl)	000	2,349,537		1	Tota	I BTU Consump	tion/Yr	2,858,965,010	i
0.0842 0.	Seneral Notes:					Fuel Oil = G	allons X 138,6	990	0			í	Gross Area (ft)	2 5	41,787	i L
						Other Fuel			0			5	ivided by 100,00	 2	0.0842	N N N N N N N N N N N N N N N N N N N
						TOT	Al BTU's x 10	000	2 858 965							

BUILDING: McCo FYYEAR: 2013	McComas Village 2013												DATE:	09/13/14
DE	DEGREE DAYS (DD	(ac		ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OII	_	TOTAL
MONTH He	Heating Cooling	ng % 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	ENERGY COST
July	0 403			83	\$0.052	\$1,744	2	0.01	\$171.76	395	0	\$4.50	\$0	\$2,139
	3 184	4 100%		428	\$0.062	\$4,956	54	0.29	\$12.49	899	0	\$4.50	\$0	\$5,624
September				360	\$0.056	\$4,248	85	0.40	\$6.39	541	0	\$4.50	\$0	\$4,789
October				158	\$0.055	\$3,672	153	0.36	\$3.35	511	0	\$4.50	\$0	\$4,183
November	775 0		56,127	72	\$0.051	\$2,841	308	0.40	\$3.19	981	0	\$4.50	\$0	\$3,822
December		100%		51	\$0.051	\$2,376	473	0.52	\$2.91	1,374	0	\$4.50	\$0	\$3,750
1st half yr	2251 660	0	358,960	123	\$0.055	\$19,837	1,073	0.37	\$4.16	\$4,471	0	\$4.50	\$0	\$24,307
January 1				20	\$0.044	\$2,508	149	0.56	\$3.16	2,026	0	\$4.50	\$0	\$4,535
February 1	1034 0	100%	61,849	90	\$0.045	\$2,757	925	0.89	\$3.13	2,890	0	\$4.50	\$0	\$5,647
March				64	\$0.043	\$2,686	892	0.92	\$3.79	3,382	0	\$4.50	\$0	\$6,068
April			58.914	107	\$0.048	\$2,855	286	1.79	\$4.68	4.620	0	\$4.50	80	\$7,476
	157 94	100%		86	\$0.050	\$1,241	899	2.66	\$5.67	3,783	0	\$4.50	\$0	\$5,024
				96	\$0.048	\$884	840	4.35	\$3.61	3,032	0	\$4.50	\$0	\$3,916
2nd half yr	3884 256	60	282,949	89	\$0.046	\$12,931	4,951	1.20	\$3.99	\$19,735	0	\$4.50	\$0	\$32,666
TOTAL/YEAR 6	6135 916	(0)	641,910	91	\$0.051	\$32,768	6,025	0.85	\$4.02	\$24,205	0	\$4.50	\$0	\$56,973
Building Data:	1990			Energy Cor	sumption to B	Energy Consumption to BTU Conversions	2000 to 2000							
Gross Area (ft)2	124,533	က		Electricity =	Electricity = KWH X 3413		2,190,837		Ш	Energy Utilization Index =	ndex =			
Gross Volume (ft)3	996,264	4		Natural Gas	Natural Gas = MCF X 102,500	,500	617,532			Total	Total BTU Consumption/Yr	tion/Yr	2,808,368,874	
General Notes:				Fuel Oil = G	Fuel Oil = Gallons X 138.690	06	0			O	Gross Area (ft) 2	2	124,533	
				Other Fuel			0			Div	Divided by 100,000 =	= 01	0.2255	THERMS
				TOT	TOTAL BTU's x 1,000	000	2,808,369							

09/13/14	
DATE:	
Hall	
McMaster Hall	2013
BUILDING:	FY YEAR:
-	_

Heating Cooling % P.F. KWhh Per Cost per TOTAL		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OI		TOTAL
184 100% 91,022 50,055 55,010 0.0 0.0 51,251 50,0 54,550 0.0	MONTH	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	ENERGY
1																
14 100% 93.42 500 50.065 55.784 2 0.01 512.51 523 0 0 44.50 54.50 414 6 100% 100% 100.52 124 50.065 55.729 52.52 52.53 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 55.179 0 6.2 512.51 512	uly	0	403	100%	96,021	238	\$0.052	\$5,010	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$5,010
145 67 100% 92,041 434 \$0.056 \$5,179 89 0.42 \$12,51 \$1,117 0 \$4,50 \$4,50 \$1,50 \$1,00% \$1,00% \$10,028 \$2,005 \$2,529 \$2,55 \$12,51 \$1,3189 0 \$2,550 \$2,5	ugust	က	184	100%	93,432	200	\$0.062	\$5,784	2	0.01	\$12.51	\$23	0	\$4.50	\$0	\$5,808
414 6 100% 100% 246 \$6.729 \$6.729 265 \$12.51 \$5.189 0 \$4.50 775 0 100% \$6.822 124 \$6.006 \$4.851 477 0.62 \$12.51 \$5.979 0 \$4.50 2251 \$6.0 100% \$6.922 124 \$6.006 \$6.30 0.62 \$12.51 \$5.040 0 \$4.50 2251 \$6.0 100% \$100.223 \$88 \$0.044 \$4.40 \$7.30 0.62 \$12.51 \$7.60 0 \$4.50 \$71 \$0 \$100% \$100.223 \$88 \$5.044 \$4.70 \$7.30 \$6.2 \$12.51 \$7.40 \$7.40 \$7.50 \$7.20 \$7.50<	eptember	145	29	100%	92,041	434	\$0.056	\$5,117	68	0.42	\$12.51	\$1,117	0	\$4.50	\$0	\$6,234
1775 0 100% 95,832 124 \$0.051 54,851 477 0.62 \$12,51 \$5,970 0 54,50	October	414	9	100%	103,236	246	\$0.055	\$5,729	255	0.61	\$12.51	\$3,189	0	\$4.50	\$0	\$8,918
144 0 100% 110,847 121 \$0.054 \$5.530 563 5	Jovember	775	0	100%	95,832	124	\$0.051	\$4,851	477	0.62	\$12.51	\$5,970	0	\$4.50	\$0	\$10,822
141 10 100% 100, 100, 100, 100, 100, 100, 100, 10	ecember	914	0	100%	110,847	121	\$0.051	\$5,630	563	0.62	\$12.51	\$7,041	0	\$4.50	\$0	\$12,671
144 0 100% 100, 23 88 \$0.044 \$4.401 703 0.62 \$12.51 \$8,790 0 \$4.50 1034 100, 23 113 \$90.045 \$4,538 637 0.62 \$12.51 \$7,895 0 \$4.50 \$4.50 100% 100, 20 110, 20 113 \$90.043 \$4,781 598 0.62 \$12.51 \$7,895 0 \$4.50 \$4.50 \$4.50 100% 100, 20 100, 20 20,143 \$80.048 \$5,192 339 0.62 \$12.51 \$7,890 0 \$4.50 \$4.50 145 \$9.80 100, 20 20,143 \$9.80 20,243	st half yr	2251	099		591,409	203	\$0.054	\$32,121	1,386	0.48	\$12.51	\$17,341	0	\$4.50	\$0	\$49,461
1034 0 100% 101 807 91 50.045 54,538 637 0.62 512.51 57,480 0 54,500 550	anuary	1141	0	100%	100,223	88	\$0.044	\$4,401	703	0.62	\$12.51	\$8,790	0	\$4.50	\$0	\$13,190
550 0 100% 110,072 113 \$6,043 \$4,781 598 0.62 \$12,51 \$7,480 0 \$4,50 550 0 100% 107,115 195 \$0.048 \$5,192 339 0.62 \$12,51 \$4,207 0 \$4,50 157 94 100% 99,871 398 \$0.050 \$5,030 97 0.39 \$12,51 \$1,209 0 \$4,50 3884 256 614,207 148 \$0.046 \$28,463 2,392 0.58 \$12,51 \$20,992 0 \$4,50 6135 916 17.205,616 17.1 \$0.050 \$20,584 3,778 0.58 \$12,51 \$25,920 0 \$4,50 1987 1987 1887 1887 1887 1887 1887 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888 1888	ebruary	1034	0	100%	101,807	86	\$0.045	\$4,538	637	0.62	\$12.51	\$7,965	0	\$4.50	\$0	\$12,504
550 0 100% 107,115 195 \$0.048 \$5,192 339 0.62 \$1251 \$4,237 0 \$4,50 31 162 100% 99,871 398 \$0.048 \$5,030 97 0.39 \$1251 \$1,209 0 \$4,50 3884 256 614,207 148 \$0.046 \$28,463 2,392 0.58 \$12,51 \$229,920 0 \$4,50 6135 91 1,205,616 171 \$0.050 \$80,584 3,778 0.54 \$12,51 \$229,920 0 \$4,50 6135 91 1,205,616 171 \$0.050 \$80,584 3,778 0.54 \$12,51 \$47,261 0 \$4,50 1987 1987 1867 181 <td< td=""><td>farch</td><td>971</td><td>0</td><td>100%</td><td>110,072</td><td>113</td><td>\$0.043</td><td>\$4,781</td><td>298</td><td>0.62</td><td>\$12.51</td><td>\$7,480</td><td>0</td><td>\$4.50</td><td>\$0</td><td>\$12,261</td></td<>	farch	971	0	100%	110,072	113	\$0.043	\$4,781	298	0.62	\$12.51	\$7,480	0	\$4.50	\$0	\$12,261
157 94 100% 99.871 398 \$50.050 \$5,030 97 0.39 \$12.51 \$12.09 0 \$4.50 31 162 100% 95,119 493 \$0.048 \$28,463 2.392 0.58 \$12.51 \$29,920 0 \$4.50 4135 916 1,205,616 171 \$0.050 \$60,584 3,778 0.54 \$12.51 \$29,920 0 \$4.50 1987 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 A1,14,767 Energy Utilization index = A1,14,767 Energy Utilization index = A1,14,767 A1,14,767 Energy Utilization index = A1,14,767 A1,14,767 A1,14,767 A1,14,767 A1,14,767 A1,14,767 A1,14,767 A1,14,767 A1,14,767 A1,14,14,767 A1,14,14,767 A1,14,14,14 A1,14,14,14 </td <td>į</td> <td>550</td> <td>0</td> <td>100%</td> <td>107,115</td> <td>195</td> <td>\$0.048</td> <td>\$5,192</td> <td>339</td> <td>0.62</td> <td>\$12.51</td> <td>\$4,237</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$9,429</td>	į	550	0	100%	107,115	195	\$0.048	\$5,192	339	0.62	\$12.51	\$4,237	0	\$4.50	\$0	\$9,429
31 162 100% 95,119 493 \$0.046 \$4,522 19 0.10 \$12.51 \$29,920 0 \$4,50 3884 256 614,207 148 \$0.046 \$28,463 2,392 0.58 \$12.51 \$29,920 0 \$4,50 6135 916 1,205,616 171 \$0.050 \$60,584 3,778 0.54 \$12.51 \$47,261 0 \$4,50 2 67,194 Energy Consumption to BTU Conversions BTU's x 1,000 4,114,767 Energy Utilization index = 4,114,767 <td< td=""><td>lay</td><td>157</td><td>94</td><td>100%</td><td>99,871</td><td>398</td><td>\$0.050</td><td>\$5,030</td><td>26</td><td>0.39</td><td>\$12.51</td><td>\$1,209</td><td>0</td><td>\$4.50</td><td>\$0</td><td>\$6,239</td></td<>	lay	157	94	100%	99,871	398	\$0.050	\$5,030	26	0.39	\$12.51	\$1,209	0	\$4.50	\$0	\$6,239
3884 256 614,207 148 \$0.046 \$28,463 2,392 0,58 \$12,51 \$29,920 0 \$4.50 6135 916 1,205,616 171 \$0.050 \$60,584 3,778 0,54 \$12,51 \$47,261 0 \$4.50 2 67,194 Energy Consumption to BTU Conversions BTU's x 1,000 4,114,767 Energy Utilization Index = A114,767 Energy Utilization Index = A114,767 (h)3 537,552 Steam = M (lbs) X 1,000,000 3,778,083 Total BTU Consumption/Yr :: Puel Oil = Gallons X 138,690 0 Pointided by 100,000 = Divided by 100,000 = Divid	nue	31	162	100%	95,119	493	\$0.048	\$4,522	19	0.10	\$12.51	\$239	0	\$4.50	\$0	\$4,761
1987 Energy Consumption to BTU Conversions Energy Utilization Index =	nd half yr	3884	256		614,207	148	\$0.046	\$28,463	2,392	0.58	\$12.51	\$29,920	0	\$4.50	\$0	\$58,384
1987 Energy Consumption to BTU Conversions BTU's x 1,000	OTALMEAR	6135	916		1,205,616	171	\$0.050	\$60,584	3,778	0.54	\$12.51	\$47,261	0	\$4.50	\$0	\$107,845
Electricity = KWH X 3413	uilding Data:		1987			Energy Con	sumption to B	TU Conversion:		540						
(#)3 537,552 Steam = M (lbs) X 1,000,000 3,778,083 Total BTU Consumption/Yr Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = Other Fuel 0	iross Area (ft)2		67,194			Electricity =	KWH X 3413	gárito	4,114,767	_	4	Energy Utilization	n Index =			
Gross Area (ft) 2 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = Other Fuel 0 Divided by 100,000 =	eross Volume (ft)3	537,552			Steam = M	(lbs) X 1,000,	000	3,778,083		'	Total	I BTU Consump	tion/Yr	7,892,850,151	ı
Divided by 100,000 = 0	eneral Notes:					Fuel Oil = G	allons X 138,	990	0			į	Gross Area (ft)	2	67,194	
						Other Fuel			0			ā	vided by 100,00	= 00	1.1746	THERMS
						TOT	AL BTU's x 1.0	000	7,892,850							

BUILDING: P	Memorial Field House 2013	ield House												DATE	. 09/13/14
	DEGREE 1	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
le:															
July	0	403	100%	116,747	290	\$0.052	\$6,091	0	0.00	\$12.51	0\$	0	\$4.50	\$0	\$6,091
August	က	184	100%	112,816	603	\$0.062	\$6,984	4	0.02	\$12.51	\$54	0	\$4.50	\$0	\$7,038
September	145	29	100%	111,491	526	\$0.056	\$6,198	207	0.98	\$12.51	\$2,595	0	\$4.50	\$0	\$8,792
October	414	9	100%	114,553	273	\$0.055	\$6,357	592	1.41	\$12.51	\$7,408	0	\$4.50	\$0	\$13,765
November	775	0	100%	103,213	133	\$0.051	\$5,225	1,109	1.43	\$12.51	\$13,867	0	\$4.50	\$0	\$19,092
December	914	0	100%	107,757	118	\$0.051	\$5,473	1,307	1.43	\$12.51	\$16,354	0	\$4.50	\$0	\$21,827
1st half yr	2251	099		925,999	229	\$0.054	\$36,328	3,220	1.1	\$12.51	\$40,277	0	\$4.50	\$0	\$76,606
January	1141	0	100%	102.025	88	\$0.044	\$4.480	1.632	1,43	\$12.51	\$20.416	0	\$4.50	90	\$24.896
February	1034	0	100%	103,267	100	\$0.045	\$4,603	1,479	1.43	\$12.51	\$18,502	0	\$4.50	\$0	\$23,105
March	971	0	100%	110,302	114	\$0.043	\$4,791	1,389	1.43	\$12.51	\$17,374	0	\$4.50	\$0	\$22,165
April	550	0	100%	107.289	195	\$0.048	\$5.200	787	1.43	\$12.51	\$9.841	0	\$4.50	90	\$15.041
May	157	94	100%	111,541	444	\$0.050	\$5,618	225	0.89	\$12.51	\$2,809	0	\$4.50	\$0	\$8,427
June	31	162	100%	89,747	465	\$0.048	\$4,267	44	0.23	\$12.51	\$555	0	\$4.50	\$0	\$4,821
2nd half yr	3884	256		624,171	151	\$0.046	\$28,958	5,556	1.34	\$12.51	\$69,497	0	\$4.50	\$0	\$98,455
TOTALMEAR	6135	916		1,290,747	183	\$0.051	\$65,287	8,775	1.24	\$12.51	\$109,775	0	\$4.50	\$0	\$175,061
Building Data:		1931			Energy Cor	sumption to E	Energy Consumption to BTU Conversions								
Gross Area (ft)2		156,074			Electricity =	Electricity = KWH X 3413		BTU's x 1,000 4,405,318		ш	Energy Utilization Index =	n Index =			
Gross Volume (#)3	ft)3	1,248,592			Steam = M	Steam = M (lbs) X 1,000,000	000	8.775.494			Total	Total BTU Consumption/Yr	tion/Yr	13.180.812.421	
										•		Gross Area (ft) 2	2	156,074	ī
General Notes:					Fuel Oil = (Fuel Oil = Gallons X 138,690	069	0			ć	= 100 000 ==	<u> </u>	0 8445	MAHH
					Other Fuel			0			5	o'col fa pania	ı B		
					TOT	TOTAL BTU's x 1,000	000	13,180,812							
COST / SQ. FT. / YEAR	./YEAR		\$1.12												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.07												

BUILDING: FY YEAR:	Nitschke Hall 2013	=												DATE:	09/13/14
	DEGREE DAYS (DD)	(DD) YAYS			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
e e															
July	0	403	100%	287,063	712	\$0.052	\$14,976	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$14,976
August	က	184	100%	261,176	1,397	\$0.062	\$16,170	4	0.02	\$12.51	\$45	0	\$4.50	\$0	\$16,215
September	145	29	100%	204,664	965	\$0.056	\$11,378	176	0.83	\$12.51	\$2,197	0	\$4.50	\$0	\$13,575
October	414	9	100%	158,668	378	\$0.055	\$8,806	501	1.19	\$12.51	\$6,273	0	\$4.50	\$0	\$15,078
November	775	0	100%	132,407	171	\$0.051	\$6,703	939	1.21	\$12.51	\$11,742	0	\$4.50	\$0	\$18,445
December	914	0	100%	138,510	152	\$0.051	\$7,035	1,107	1.21	\$12.51	\$13,848	0	\$4.50	\$0	\$20,883
1st half yr	2251	099		1,182,488	406	\$0.055	\$65,067	2,726	0.94	\$12.51	\$34,106	0	\$4.50	\$0	\$99,172
January	1141	0	100%	115,948	102	\$0.044	\$5,091	1.382	1.21	\$12.51	\$17,288	0	\$4.50	\$0	\$22,379
February	1034	0	100%	113,454	110	\$0.045	\$5,057	1,252	1.21	\$12.51	\$15,667	0	\$4.50	\$0	\$20,724
March	971	0	100%	133,641	138	\$0.043	\$5,804	1,176	1.21	\$12.51	\$14,712	0	\$4.50	\$0	\$20,516
April	550	0	100%	152.804	278	\$0.048	\$7,406	999	1.21	\$12.51	\$8,333	0	\$4.50	80	\$15.740
May	157	94	100%	196,426	783	\$0.050	\$9,893	190	97.0	\$12.51	\$2,379	0	\$4.50	\$0	\$12,271
June	31	162	100%	229,370	1,188	\$0.048	\$10,905	38	0.19	\$12.51	\$470	0	\$4.50	\$0	\$11,374
2nd half yr	3884	256		941,643	227	\$0.047	\$44,157	4,704	1.14	\$12.51	\$58,848	0	\$4.50	\$0	\$103,005
TOTALMEAR	6135	916		2,124,131	301	\$0.051	\$109,223	7,431	1.05	\$12.51	\$92,954	0	\$4.50	\$0	\$202,177
Building Data:		1993			Energy Con	sumption to B ⁷	Energy Consumption to BTU Conversions								
Gross Area (ft)2		132,159			Electricity =	Electricity = KWH X 3413		BIU's x 1,000 7,249,660		Ш	Energy Utilization Index =	Index			
Gross Volume (ft)3	(#)3	1,057,272			Steam = M (Steam = M (lbs) X 1,000,000	00	7,430,837		ı	Total	Total BTU Consumption/Yr	ion/Yr	14,680,497,781	
General Notes	20				File Oil	Firel Oil = Gallons X 138 690	UB	_				Gross Area (ft) 2		132,159	
	2										Ö	Divided by 100,000 =	= 0	1.1108	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	00	14,680,498							
COST / SQ. FT. / YEAR	r. / YEAR		\$1.53												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.18												

Heating Cooling K-Pi KWN KWN per Cost per ToryAL Feet (Hach) Morface Cost per ToryAL Feet (Hach) Morface Cost per ToryAL Feet (Hach) Morface ToryAL Hours Gall		DEGREE DAYS (DD)	AYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OII	11.	TOTAL
0 4.00 2.8.931 7.2 80.052 \$15.69 12 0.03 \$5.95 7.3 0.0 \$4.50 145 67 100% 1.867 4.1 \$0.056 \$11.68 \$1.69 \$2.30 0.14 \$5.71 171 0 \$4.50 414 6 1.00% \$1.887 4.1 \$0.056 \$1.453 3.0 0.14 \$5.71 171 0 \$4.50 775 1.00% \$1.887 \$0.056 \$1.453 \$2.5 0.06 \$3.84 \$9.7 \$1.50 \$4.50 2775 1.00% \$1.563 \$1.653 \$2.5 \$0.04 \$4.71 \$1.70 \$4.50 \$4.50 2225 4.00 \$1.00% \$0.056 \$0.056 \$1.380 \$1.64 \$0.04 \$4.71 \$1.70 \$4.50 2226 6.0 \$0.00 \$1.380 \$1.62 \$2.04 \$2.82 \$2.44 \$1.70 \$2.45 50.1 1.00% \$0.058	MONTH	Heating	Cooling		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	COST
14 40 100% 26 341 72 80.065 51,639 34 0.16 85.68 230 84.50 8																
14 100% 18,857 141 18,0065 11,633 34 0.14 55,647 1771 0.00% 18,857 19,955 19,065 11,648 30 0.04 55,771 1771 0.00% 0.045 51,046 3.1,669 3.1,669 3.1,669 3.1,669 3.1,669 3.1,669 3.1,699 3.1	uly	0	403	100%	28,931	7.2	\$0.052	\$1,509	12	0.03	\$5.95	73	0	\$4.50	\$0	\$1,582
414 6 100% 17,90% 18,657 89 50,656 \$1,048 30 0.14 \$5.71 171 0 \$4,550 \$4.71 \$4.41 \$4.71 \$4.40 \$4.71 \$4.40	\ugust	က	184	100%	26,377	141	\$0.062	\$1,633	34	0.18	\$6.83	230	0	\$4.50	\$0	\$1,863
414 6 100% 57.560 51.563 51.563 51.563 51.563 51.564 31.564 31.64 31.44 97 99 54.50 31.564 32. 0.04 \$4.71 149 97 0 \$4.56 225.1 66.0 100% 99.353 10.9 \$0.045 \$1.386 164 0.05 \$4.49 0.0 \$4.50 0.0 \$4.50 0.0 \$4.50 0.0 \$4.40 0.0 \$4.40 0.0 \$4.40 0.0 \$4.50	September	145	29	100%	18,857	88	\$0.056	\$1,048	30	0.14	\$5.71	171	0	\$4.50	\$0	\$1,220
775 0 100% 61,356 79 \$0.051 \$3,106 32,106 34,71 149 0 \$4,50 \$4,50 \$2,5046 \$3,106 \$3,106 \$4,176<	ctober	414	9	100%	27.990	29	\$0.055	\$1,553	25	90.0	\$3.84	97	0	\$4.50	80	\$1,650
144 10 100% 99.353 109 50.051 55.046 31 109 54.14 129 129 125. 54.14 129 125. 54.14 129 125. 54.14 129 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 54.25 125. 50.043 54.25 125. 50.043 54.25 125. 50.043 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 50.045 54.25 125. 54.19 125. 50.045 54.25 125. 54.19 125. 50.045 54.25 125. 54.19 125. 54.25 125. 54.25 125. 54.19 125. 54.25 125. 54.19 125. 54.25	ovember	775	0	100%	61,356	79	\$0.051	\$3,106	32	0.04	54.71	149	0	\$4.50	80	\$3,255
1141 0 0 56.18 56.18 50.053 513.896 164 0.06 55.18 5848 0 54.50 1141 0 100% 99.353 96 50.044 \$4.363 35 0.04 \$3.96 124 0 \$4.50 971 0 100% 99.353 96 \$0.045 \$4.363 40 0.04 \$3.46 145 0 \$4.50 550 0 100% 37.179 68 \$0.048 \$1.802 40 0.07 \$4.90 165 94.50	ecember	914	0	100%	99,353	109	\$0.051	\$5,046	31	0.03	\$4.14	129	0	\$4.50	\$0	\$5,175
1141 0 100% 99,353 9F \$0.044 \$4,363 356 0.04 \$3,56 124 0 \$4,50 971 0 100% 99,353 96 \$0.045 \$4,29 42 0.04 \$3,49 145 0 \$4,50 971 0 100% 30,563 96 \$0.046 \$1,802 40 0.04 \$2,49 145 0 \$4,50 550 0 100% 37,448 125 \$0.046 \$1,584 38 0.15 \$4,90 197 0 \$4,50 157 94 100% 37,448 125 \$0.046 \$1,584 38 0.15 \$4,19 159 36,50 141 162 30,048 \$17,005 \$24,00 \$3,40 \$1,78 0 \$4,50 141 162 \$17,663 \$1,78 \$1,78 \$1,78 0 \$4,50 141 \$1,168 \$1,168 \$1,168 \$1,168 <	st half yr	2251	099		262,864	06	\$0.053	\$13,896	164	90.0	\$5.18	\$848	0	\$4.50	\$0	\$14,744
1034 0 100% 99,353 96 \$0,045 \$4,429 42 0.04 \$3,49 145 0 0 \$4,50 54,50 100% 66,098 \$60,043 \$5,871 39 0.04 \$4,29 0.04 \$4,25 165 0 \$4,50 54,50 197 \$6,098 \$6,098 \$1,802 \$4,00 0.07 \$4,30 197 195 \$4,50 197 \$6,509 147 162 100% 31,448 125 \$0,048 \$1,564 38 0.05 \$4,97 143 152 143 143 1448 125 \$0,048 \$1,564 38 0.05 34,97 36 0.19 34,99 0.05 34,50	annary	1141	0	100%	99,353	87	\$0.044	\$4,363	35	0.03	\$3.56	124	0	\$4.50	80	\$4,486
550 0 100% 66,088 68 \$0.043 \$2,871 39 0.04 \$4,25 165 0 \$4,50 550 0 100% 37,179 68 \$0.048 \$1,684 38 0.07 \$4,90 197 69 \$4,50 157 94 100% 31,448 125 \$0.048 \$1,584 38 0.15 \$4,19 159 0 \$4,50 3884 256 100% 41,168 213 \$0.048 \$17,005 229 0.06 \$4,07 \$9,50 0 \$4,50 6135 916 637,463 90 \$0.048 \$30,901 393 0.06 \$4,07 \$9,50 0 \$4,50 2 2010 51,684 \$30,901 393 0.06 \$4,50 \$4,50 \$4,50 2 39,961 5 51,75,661 21,75,661 51,75,61 51,75,61 51,75,61 51,75,61 51,75,61 51,75,61 51,75,61 51	ebruary	1034	0	100%	99,353	96	\$0.045	\$4,429	42	0.04	\$3.49	145	0	\$4.50	80	\$4,574
550 100% 37,179 68 \$0.048 \$1,802 40 0.07 \$4,90 197 0.0 \$4,50	arch	971	0	100%	860'99	89	\$0.043	\$2,871	39	0.04	\$4.25	165	0	\$4.50	\$0	\$3,036
157 94 100% 31,448 125 \$0.050 \$1.584 38 0.15 \$4.19 159 0 \$4.50 3844 256 41.168 213 \$0.048 \$1,957 36 143 0 \$4.50 6135 916 \$0.048 \$17,005 229 0.06 \$4.07 \$932 0 \$4.50 6135 916 \$0.048 \$50.048 \$50.901 393 0.06 \$4.07 \$932 0 \$4.50 2010 Enerty Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Energy Utilization Index = Tensy Utilization Index = Ten	pril	550	0	100%	37,179	89	\$0.048	\$1,802	40	0.07	\$4.90	197	0	\$4.50	\$0	\$1,999
31 162 100% 41,168 213 \$0.048 \$1,957 36 0.19 \$3.96 143 0 \$4.50 3884 256 374,599 90 \$0.045 \$17,005 229 0.06 \$4.07 \$932 0 \$4.50 6135 916 637,463 90 \$0.048 \$30,901 393 0.06 \$4.53 \$1,781 0 \$4.50 2 2010 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = Account of the conversions Energy Utilization Index = Account of the conversions (fi)3 319,688 Natural Gas = MCF X 102,500 40,303 Total BTU Consumption /Y Gross Area (ft) 2 Cher Fuel Cher Fuel 0 0 Divided by 100,000 = Account of the conversions According by 100,000 = Account of the conversions	ay	157	94	100%	31,448	125	\$0.050	\$1,584	38	0.15	\$4.19	159	0	\$4.50	\$0	\$1,743
3884 256 374,599 90 \$0.048 \$17,005 229 0.06 \$4.07 \$932 0.06 \$4.50	ıne	31	162	100%	41,168	213	\$0.048	\$1,957	36	0.19	\$3.96	143	0	\$4.50	\$0	\$2,100
6135 916 637,463 90 \$0.048 \$30,901 393 0.06 \$4.53 \$1,781 0 \$4.50 2 2010 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = Total BTU Consumption/Yr (ft)3 319,688 Natural Gas = MCF X 102,500 40,303 Total BTU Consumption/Yr : Fuel Oil = Gallons X 138,690 0 Divided by 100,000 =	nd half yr	3884	256		374,599	06	\$0.045	\$17,005	229	90.0	\$4.07	\$932	0	\$4.50	\$0	\$17,938
2010 Energy Consumption to BTU Conversions BTU's x 1,000 39,961 Electricity = KWH X 34.13 2,175,661 Energy Utilization Index = 319,688 Natural Gas = MCF X 102,500 40,303 Gross Area (ft) 2 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = Other Fuel	OTALMEAR	6135	916		637,463	06	\$0.048	\$30,901	393	90:0	\$4.53	\$1,781	0	\$4.50	\$0	\$32,682
39,361 Electricity = KWH X 3413 2,175,661 Energy Utilization Index = 2,175,661 Energy Utilization Index = 319,688 Natural Gas = MCF X 102,500 40,303 Total BTU Consumption/Yr Gross Area (ft) 2 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = Other Fuel	uilding Data:		2010			Energy Con	sumption to B	TU Conversion								
319,688 Natural Gas = MCF X 102,500 40,303 Total BTU Consumption/Yr Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = Other Fuel 0	iross Area (ft)2		39,961			Electricity =	KWH X 3413	-	2,175,661		Ш	inergy Utilizatio	ın İndex =			
Gross Area (ft) 2 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 =	ross Volume (ft)3	319,688			Natural Gas	; = MCF X 102	2,500	40,303		ļ	Tota	I BTU Consump	tion/Yr	2,215,964,219	2
Other Fuel 0	eneral Notes					Fire Oil	allons X 138	089	o				Gross Area (ft)	2	39,961	
						Other Fuel		i }	0	2		ā	ivided by 100,00	= 00	0.5545	THERMS
						ŀ										

BUILDING: FY YEAR:	North Engineering 2013	eering												DATE:	09/13/14
	DEGREE DAYS (DD)	(DD) SAAC			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OII		TOTAL
MONTH	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	ENERGY COST
28															
July	0	403	100%	353,253	877	\$0.052	\$18,430	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$18,430
August	က	184	100%	350,509	1,874	\$0.062	\$21,700	7	0.04	\$12.51	28\$	0	\$4.50	80	\$21,787
September	145	29	100%	321,113	1,515	\$0.056	\$17,851	336	1.59	\$12.51	\$4,204	0	\$4.50	\$0	\$22,055
October	414	9	100%	283,558	675	\$0.055	\$15,737	096	2.28	\$12.51	\$12,003	0	\$4.50	\$0	\$27,740
November	775	0	100%	240,864	311	\$0.051	\$12,193	1,796	2.32	\$12.51	\$22,470	0	\$4.50	\$0	\$34,663
December	914	0	100%	272,889	299	\$0.051	\$13,859	2,118	2.32	\$12.51	\$26,500	0	\$4.50	\$0	\$40,359
1st half yr	2251	099		1,822,187	626	\$0.055	\$99,770	5,217	1.79	\$12.51	\$65,264	0	\$4.50	\$0	\$165,034
January	1141	0	100%	239,954	210	\$0.044	\$10,536	2,645	2.32	\$12.51	\$33,081	0	\$4.50	\$0	\$43,617
February	1034	0	100%	246,955	239	\$0.045	\$11,008	2,397	2.32	\$12.51	\$29,979	0	\$4.50	\$0	\$40,987
March	971	0	100%	274,562	283	\$0.043	\$11,925	2,251	2.32	\$12.51	\$28,152	0	\$4.50	\$0	\$40,077
April	550	0	100%	265,495	483	\$0.048	\$12,868	1,275	2.32	\$12.51	\$15,946	0	\$4.50	\$0	\$28,814
May	157	94	100%	442,688	1,764	\$0.050	\$22,295	364	1.45	\$12.51	\$4,552	0	\$4.50	80	\$26,847
June	31	162	100%	442,688	2,294	\$0.048	\$21,046	72	0.37	\$12.51	\$899	0	\$4.50	\$0	\$21,945
2nd half yr	3884	256		1,912,342	462	\$0.047	\$89,679	9,002	2.17	\$12.51	\$112,609	0	\$4.50	\$0	\$202,288
TOTALMEAR	6135	916		3,734,528	530	\$0.051	\$189,449	14,219	2.02	\$12.51	\$177,873	0	\$4.50	\$0	\$367,322
Building Data:		1954			Energy Cor	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	61	252,894			Electricity =	Electricity = KWH X 3413		12,745,945			Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	ft)3	2,023,152			Steam = M	Steam = M (lbs) X 1,000,000	000	14,219,343		1	Total	Total BTU Consumption/Yr	tion/Yr	26,965,288,466	
General Notes:					Enel Oil	First Oil = Gallons X 138 600	Uo	c				Gross Area (ft) 2	2	252,894	
General Notes.) IDN -	Dallolls A 130,		•			Div	Divided by 100,000 =	= 00	1.0663	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	26,965,288							

FY YEAR:	2013														
2	DEGREE DAYS (DD)	JAYS (DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			NATURAL GAS	GAS	TOTAL
MONTH	Heating	Cooling	% P.F.	kvvh	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	ENERGY
e.															
July	0	403	100%	148,271	368	\$0.052	\$7,736	0	0.00	\$12.51	\$0	147	\$4.09	337	\$8,073
August	ന	184	100%	222,082	1,188	\$0.062	\$13,749	7	0.04	\$12.51	\$93	176	\$4.09	653	\$14,495
September	145	29	100%	237,815	1,122	\$0.056	\$13,221	361	1.70	\$12.51	\$4,510	466	\$4.09	1,648	\$19,379
October	414	9	100%	245,164	584	\$0.055	\$13,606	1,029	2.45	\$12.51	\$12,876	543	\$4.09	1,407	\$27,889
November	775	0	100%	234,514	303	\$0.051	\$11,872	1,927	2.49	\$12.51	\$24,104	764	\$4.09	2,783	\$38,759
December	914	0	100%	215,039	235	\$0.051	\$10,921	2,273	2.49	\$12.51	\$28,428	806	\$4.09	3,517	\$42,866
1st half yr	2251	099		1,302,885	448	\$0.055	\$71,104	5,597	1.92	\$12.51	\$70,012	3,003	\$3.45	\$10,345	\$151,461
January	1141	0	100%	214,299	188	\$0.044	\$9,410	2,837	2.49	\$12.51	\$35,488	635	\$4.09	3,373	\$48,270
February	1034	0	100%	214,870	208	\$0.045	\$9,578	2,571	2.49	\$12.51	\$32,160	1,003	\$4.09	4,046	\$45,784
March	971	0	100%	254,650	262	\$0.043	\$11,060	2,414	2.49	\$12.51	\$30,201	575	\$4.09	1,828	\$43,089
April	550	0	100%	254.650	463	\$0.048	\$12.343	1.368	2.49	\$12.51	\$17.106	951	\$4.09	4.242	\$33,691
May	157	94	100%	160,956	641	\$0.050	\$8,106	390	1.56	\$12.51	\$4,883	708	\$4.09	3,212	\$16,202
June	31	162	100%	152,239	789	\$0.048	\$7,238	2.2	0.40	\$12.51	\$964	474	\$4.09	3,027	\$11,229
2nd half yr	3884	256		1,251,664	302	\$0.046	\$57,735	9,657	2.33	\$12.51	\$120,802	4,345	\$4.54	\$19,727	\$198,264
TOTALMEAR	6135	916	~~*****	2,554,549	362	\$0.050	\$128,839	15,254	2.16	\$12.51	\$190,814	7,348	\$4.09	\$30,072	\$349,725
Building Data:		2005			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
9		000			i	C 22 C 22 C 22 C 22 C 22 C 22 C 22 C 2		a							
Gloss Alea (II)Z		587,177			= conicity =	NVV A S4 IS	•	0,0,017,0		-	cirergy Utilization Index =	= xanıı			
Gross Volume (ft)3		2,170,344			Steam = M	Steam = M (lbs) X 1,000,000	000	15,253,854		1	Total	Total BTU Consumption/Yr	otion/Yr	24,725,668,731	Ĩ
General Notes:					Natural Gas	Natural Gas = MCF X 102 500	, 500	753 139				Gross Area (π) 2	7	271,293	
											Div	Divided by 100,000 =	= 00	0.9114	THERMS
					Other Fuel			٥							
					TOT	TOTAL BTU's x 1,000	000	24,725,669							
COST / SQ. FT. / YEAR	/YEAR		\$1.29												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.21												

Palmer Hall 2013 BUILDING: FY YEAR:

DATE: 09/13/14

MACHTM Hearing Gooling St. P.F. With With With Miles		EGREE L	DEGREE DAYS (DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OII	L	TOTAL
144 100 100% 143452 368 30.062 387745 20 0.01 31.251 32.3 0 34.50 59.0	4	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	ENERGY
1																
144 100% 11112 755 80002 88738 2 0.01 51251	Į.	0	403	100%	148,452	368	\$0.052	\$7,745	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$7,745
145 67 100% 110,788 280 58,048 254 284	ngust	က	184	100%	141,132	755	\$0.062	\$8,738	2	0.01	\$12.51	\$23	0	\$4.50	\$0	\$8,761
14.4 6 100% 110,798 204 205. 96.149 254. 9.055 254.038 254.038 254.038 254.038 254.038 254.038 254.038 255.045 255.0	eptember	145	29	100%	129,000	809	\$0.056	\$7,171	88	0.42	\$12.51	\$1,114	0	\$4.50	\$0	\$8,286
1775 100,	ctober	414	9	100%	110,798	264	\$0.055	\$6,149	254	0.61	\$12.51	\$3,182	0	\$4.50	\$0	\$9,331
144 0 100% 82,806 91 \$0.054 \$4,205 \$56 0.61 \$12,51 \$7,025 0.0 \$4,50 \$5	ovember	775	0	100%	79,770	103	\$0.051	\$4,038	476	0.61	\$12.51	\$5,957	0	\$4.50	\$0	\$9,995
1441 10 100% 10	ecember	914	0	100%	82,806	91	\$0.051	\$4,205	562	0.61	\$12.51	\$7,025	0	\$4.50	\$0	\$11,230
141 0 100% 17,331 68 50.044 53.366 701 0.61 51251 58770 0 54.50 50 50 50 50 50 50 50	st half yr	2251	099		691,958	238	\$0.055	\$38,046	1,383	0.48	\$12.51	\$17,301	0	\$4.50	\$0	\$55,347
1034 0 100% 84,787 82 \$0.045 \$3,780 635 0.61 \$12.51 \$7,947 0 \$4,50 \$50 \$60 \$	ınuary	1141	0	100%	77,331	89	\$0.044	\$3,396	701	0.61	\$12.51	\$8,770	0	\$4.50	\$0	\$12,165
1	bruary	1034	0	100%	84,797	82	\$0.045	\$3,780	635	0.61	\$12.51	\$7,947	0	\$4.50	\$0	\$11,727
550 0 100% 95.966 174 \$0.048 \$4.651 \$34.651 \$12.51 \$42.27 0 \$4.50 \$50 157 94 100% 116.014 462 \$5.043 96 0.38 \$12.51 \$12.07 0 \$4.50 \$50 ALYEAN 160 142 \$0.048 \$5.940 19 0.10 \$12.51 \$238 0 \$4.50 \$50 \$6.50	arch	971	0	100%	89,692	92	\$0.043	\$3,896	265	0.61	\$12.51	\$7,463	0	\$4.50	\$0	\$11,359
157 94 100% 116,014 462 \$0.050 \$5,843 96 0.38 \$12,51 \$238 0 \$4,50 \$5,90 \$5,000 \$1,000	i E	550	0	100%	95,956	174	\$0.048	\$4,651	338	0.61	\$12.51	\$4,227	0	\$4.50	\$0	\$8,878
1 162 100% 124,949 647 \$0.048 \$5,940 19 0.10 \$12.51 \$238 0 \$4.50 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ay	157	94	100%	116,014	462	\$0.050	\$5,843	96	0.38	\$12.51	\$1,207	0	\$4.50	\$0	\$7,049
3884 256 588,739 142 \$0.047 \$27,505 2,386 0.58 \$12.51 \$29,852 0 \$4.50 \$50 6135 916 1,280,696 182 \$0.051 \$65,552 3,769 0.53 \$12.51 \$47,153 0 \$4.50 \$14,623 2 67,040 Energy Consumption to BTU Conversions BTU's x 1,000 4,371,016 Energy Utilization Index = Gross Area (t) 2 Energy Utilization Index = Gross Area (t) 2 67,040<	ne	31	162	100%	124,949	647	\$0.048	\$5,940	9	0.10	\$12.51	\$238	0	\$4.50	\$0	\$6,179
1971 Energy Consumption to BTU Conversions Electricity = KWH X 3413	d half yr	3884	256		588,739	142	\$0.047	\$27,505	2,386	0.58	\$12.51	\$29,852	0	\$4.50	\$0	\$57,357
1971 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = 4,371,016 Energy Utiliz	OTAL/YEAR	6135	916			182	\$0.051	\$65,552	3,769	0.53	\$12.51	\$47,153	0	\$4.50	\$14,623	\$127,327
67,040 Electricity = KWH X 3413 4,371,016 Energy Utilization Index = 536,320 Steam = M (lbs) X 1,000,000 3,769,424 Total BTU Consumption/Yr 8,140,439,994 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,2143 TOTAL BTU's x 1,000 8,140,440	ilding Data:		1971			Energy Con	sumption to B'	TU Conversions								
536,320 Steam = M (lbs) X 1,000,000 3,769,424 Total BTU Consumption/YY 8,140,439,994 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,2143 Other Fuel TOTAL BTU's x 1,000 8,140,440	oss Area (ft)2		67,040			Electricity =	KWH X 3413		4,371,016		ш	=nergy Utilizatio	n Index =			
Fuel Oil = Gallons X 138,690 0 Gross Area (ft) 2 67,040 Other Fuel 0 0 Divided by 100,000 = 1.2143 TOTAL BTU's x 1,000 8,140,440	ross Volume (ft)	<u>ග</u>	536,320			Steam = M	(lbs) X 1,000,0	00	3,769,424			Total	BTU Consump	otion/Yr	8,140,439,994	
0 0.72143 0.742 Divided by 100,000 = 1.2143 0.74L BTU's x 1,000 8,140,440	eneral Notes:					Fuel Oil = G	allons X 138,6	06	0			İ	Gross Area (ft)	2	67,040	
						Other Fuel			0			ā	vided by 100,0\	= 00	1.2143	THERMS
						TOT	AL BTU's x 1,0	00	8,140,440							

\$1.90

09/13/14	
DATE:	
Parks Tower	2013
BUILDING:	FY YEAR:

Maintain		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			PURCHA	PURCHASED STEAM			NATURAL GAS	GAS	TOTAL
144 100% 100% 100% 144.09 144.0 160.00 151.042 161.0	MONTH	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	ENERGY
1																
144 6 100% 194.04 100% 194.04 100% 194.04 100% 194.04 100% 194.04 100% 194.04 100% 194.04 100% 194.04 100% 194.04 100% 204.05 205.05 213.05 145.0 100% 204.05 206.05 213.05 145.0 152.0 215.0	July	0	403		72,786	181	\$0.052	\$3,797	0	0.00	\$12.51	\$0	42	\$3.93	205	\$4,002
144 6 100% 227/452 1,073 50.066 \$12.645 221 1.04 \$12.51 \$27.693 35.539 1889 1531 1414 141	August	ო	184		194,499	1,040	\$0.062	\$12,042	S	0.02	\$12.51	\$57	26	\$3.93	145	\$12,244
nner (175 de color) (100%) 204,626 (573 (5006) (13.03 de color) (13.01 de color) (15.01 de	September	145	29		227,452	1,073	\$0.056	\$12,645	221	1.04	\$12.51	\$2,763	35	\$3.93	188	\$15,596
Type 100 2004 472 208 \$10.650 1181 152 \$12.47 \$12.47 \$12.5 \$12.47 \$12.5 \$12.47 \$12.5 \$12.47 \$12.5 \$12.47 \$12.5 \$12.47 \$12.5 \$12.47 \$12.5 \$12.5 \$12.57 \$12.5 \$12.47 \$12.5 \$12.57 \$12.5 \$12.47 \$12.5 \$12.57 \$12.5 \$12.57 \$12.50 \$12.50 \$12.50 \$12.5 \$12.57 \$12.50<	October	414	9	100%	240,625	573	\$0.055	\$13,354	631	1.50	\$12.51	\$7,889	362	\$3.93	1,531	\$22,774
ntfyr 251 660	November	775	0	100%	207,472	268	\$0.051	\$10,503	1,181	1.52	\$12.51	\$14,768	902	\$3.93	3,811	\$29,082
1,14,1 1,0 100% 202,446 177 50,044 58,189 1,738 1,57 512,5	December	914	0	100%	200,632	220	\$0.051	\$10,190	1,392	1.52	\$12.51	\$17,417	74	\$3.93	239	\$27,846
141 0 0 100% 200,446 199 50,044 58,089 1,738 1,55 1,52	1st half yr	2251	099		1,143,466	393	\$0.055	\$62,530	3,429	1.18	\$12.51	\$42,894	1,441	\$4.25	\$6,119	\$111,543
1034 1034 100% 206,086 199 100% 206,086 1479 1475 152 1526 1589,703 156 1589,703 156 1589,703 1599,703 1599	January	1141	0	100%	202,446	177	\$0.044	\$8,889	1,738	1.52	\$12.51	\$21,742	468	\$3.93	1,787	\$32,419
550 100% 216,040 393 \$0.048 \$10,471 838 152 \$12,51 \$19,653 254 \$3.83 838 8	February	1034	0	100%	206,086	199	\$0.045	\$9,187	1,575	1.52	\$12.51	\$19,703	156	\$3.93	573	\$29,463
157 140 100% 16,040 1993 150,048 110,471 150 150,048 150	March	971	0	100%	216,894	223	\$0.043	\$9,420	1,479	1.52	\$12.51	\$18,503	254	\$3.93	838	\$28,762
157 94 100% 154,102 614 \$0.050 \$7,761 239 0.95 \$12.51 \$5.992 136 \$3.93 431 141 162 100% 144,774 277 \$0.048 \$52,822 5,917 1,43 \$12.51 \$5.912 1,378 \$3.59 \$4.949 57.094 47 1,43 \$12.51 \$5.912 1,378 \$3.59 \$4.949 57.094 47 1,43 \$12.51 \$1.6906 2.819 \$3.93 \$4.949 1.329,704 1,329,70	April	550	0	100%	216,040	393	\$0.048	\$10,471	838	1.52	\$12.51	\$10,481	228	\$3.93	812	\$21,764
alf yr 384 256 144,774 277 \$0.046 \$7.982 5.917 1.43 \$12.51 \$574,012 1.378 \$3.93 507 ALYKEAR 6135 916 2.288,240 325 \$0.046 \$52,822 5.917 1.43 \$12.51 \$74,012 1.378 \$3.93 \$54,949 ALYKEAR 6135 916 2.288,240 325 \$0.050 \$115,352 9.346 1.33 \$12.51 \$716,906 2.319 \$3.93 \$44,949 ng Data: 1971 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Programment Progr	May	157	94	100%	154,102	614	\$0.050	\$7,761	239	0.95	\$12.51	\$2,992	136	\$3.93	431	\$11,184
5126 1,144,774 277 \$0.046 \$52,822 5,917 1,43 \$12.51 \$74,012 1,378 \$3.59 \$4,949 5135 916 2,288,240 325 \$0.050 \$115,352 9,346 1,33 \$12.51 \$116,906 2,819 \$3.93 \$11,068 1971 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Energy Utilization Index = Energy Utilization Index = 1,329,704 Steam = M (lbs) X 1,000,000 9,345,574 Total BTU Consumption/Yr 17,444,284,301 Natural Gas = MCF X 102,500 288,948 Divided by 100,000 = 1,0495 Th TOTAL BTU's x 1,000 17,444,284 17,444,284 Th	June	31	162	100%	149,207	773	\$0.048	\$7,094	47	0.24	\$12.51	\$591	136	\$3.93	507	\$8,191
1971 Energy Consumption to BTU Conversions 1.329,704 1.329	2nd half yr	3884	256		1,144,774	277	\$0.046	\$52,822	5,917	1.43	\$12.51	\$74,012	1,378	\$3.59	\$4,949	\$131,782
1971 Energy Consumption to BTU Conversions BTU's x 1,000 166,213 Electricity = KWH X 3413 7,809,762 Energy Utilization Index = 7,809,762 Ene	TOTALMEAR	6135	916		2,288,240	325	\$0.050	\$115,352	9,346	1.33	\$12.51	\$116,906	2,819	\$3.93	\$11,068	\$243,326
166,213 Electricity = KWH X 3413 7,809,762 Energy Utilization Index = 7,809,762 Steam = M (lbs) X 1,000,000 9,345,574 Total BTU Consumption/Yr 17,444,284,301 Gross Area (ft) 2 166,213	Building Data:		1971			Energy Con	sumption to B	TU Conversion:								
1,329,704 Steam = M (bs) X 1,000,000 9,345,574 Total BTU Consumption/Yr 17,444,284 301 Steam = M (bs) X 1,000,000 9,345,574 Total BTU Consumption/Yr 17,442,284,301 Total BTU Consumption/Yr 17,442,284,301 Total BTU Consumption/Yr 17,442,284 Total BTU Consumption/Yr 17,442,284 Total BTU consumption/Yr 17,442,284	Gross Area (ft)∑		166,213			Electricity =	KWH X 3413		7,809,762		ш	Energy Utilization	= xəpul ı			
Other Fuel TOTAL BTU's x 1,000 17,444.284 GGoss Area (#) 2 166,213 GGos	Gross Volume (ft)3	1,329,704			Steam = M ((lbs) X 1,000,1	000	9,345,574			Total	BTU Consump	tion/Yr	17,444,284,301	i
Other Fuel 0 TOTAL BTU's x 1,000 17,444,284	General Notes:					Natural Gas	= MCF X 102	2.500	288.948		ı		Gross Area (ft)	2	166,213	ī
- FAL BTU's × 1,000												Div	ided by 100,00	= 00	1.0495	THERMS
						Other Fuel			0							
						TOT	AL BTU's x 1,	000	17,444,284							

BUILDING: FY YEAR:	Peterson House 2013	onse												DATE:	09/13/14
7	DEGREE DAYS (DD))AYS (DD)			ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	2,460	9	\$0.052	\$128	-	0.00	\$45.70	23	0	\$4.50	\$0	\$151
August	ღ	184	100%	2,080	Ξ	\$0.062	\$129	-	0.01	\$24.55	27	0	\$4.50	\$0	\$156
September	145	29	100%	1,335	9	\$0.056	\$74	-	0.00	\$26.32	26	0	\$4.50	\$0	\$101
October	414	9	100%	1,335	က	\$0.055	\$74	4	0.01	\$6.82	27	0	\$4.50	\$0	\$101
November	775	0	100%	1,330	7	\$0.051	295	Ξ	0.01	\$2.64	28	0	\$4.50	\$0	\$95
December	914	0	100%	1,870	2	\$0.051	\$95	19	0.02	\$2.63	49	0	\$4.50	\$0	\$144
1st half yr	2251	099		10,410	4	\$0.055	\$568	36	0.01	\$5.03	\$180	0	\$4.50	\$0	\$748
January	1141	0	100%	2,570	2	\$0.044	\$113	34	0.03	\$2.84	26	0	\$4.50	\$0	\$209
February	1034	0	100%	2,110	2	\$0.045	\$94	40	0.04	\$3.44	138	0	\$4.50	\$0	\$232
March	971	0	100%	873	-	\$0.043	\$38	44	0.05	\$4.41	193	0	\$4.50	\$0	\$231
April	550	0	100%	873	2	\$0.048	\$42	39	0.07	\$5.07	196	0	\$4.50	\$0	\$239
May	157	94	100%	873	က	\$0.050	\$44	25	0.10	\$6.27	159	0	\$4.50	\$0	\$203
June	31	162	100%	2,110	Ξ	\$0.048	\$100	16	0.08	\$7.65	123	0	\$4.50	\$0	\$224
2nd half yr	3884	256		9,410	7	\$0.046	\$431	198	0.05	\$4.58	906\$	0	\$4.50	0\$	\$1,337
TOTALMEAR	6135	916		19,820	ε	\$0.089	\$1,757	234	0.03	\$4.65	\$1,086	0	\$4.50	\$0	\$2,843
Building Data:		1936			Energy Con	sumption to BT	Energy Consumption to BTU Conversions								
Gross Area (ft)2		4,316			Electricity =	Electricity = KWH X 3413		67,646		Ш	Energy Utilization Index =	= xapul u			
Gross Volume (ft)3		34,528			Natural Gas	Natural Gas = MCF X 102,500	200	23,954		ı	Total	Total BTU Consumption/Yr	ption/Yr	91,599,910	

THERMS

0.2122

Divided by 100,000 =

91,600

TOTAL BTU's x 1,000

\$0.66

COST / SQ. FT. / YEAR WATER / SQ. FT. / YEAR

Fuel Oil = Gallons X 138,690

General Notes:

Other Fuel

101 | Page

BUILDING	Plant Operations	DATE:	09/13/14
FY YEAR:	2013		

4		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			NATL	NATURAL GAS			FUEL OII	L	TOTAL
144 100% 27.076 145 80.062 51,676 64 0.05 54,152 52,635 0.5 54,150 50 50 54,150 50 50 50 50 50 50 50	MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per KWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
1																
14 100% 27,078 145 50,065 51,676 6 0.05 541,62 56,75 0.05 541,62 59,75 0.05 541,62 0.05 541,62 0.05 541,62 0.05 541,62 0.05 0.05 541,62 0.05 0.05 541,62 0.05 0.05 541,62 0.05 0.05 541,62 0.05	July	0	403	100%	30,056	75	\$0.052	\$1,568	Ξ	0.04	\$27.01	\$285	0	\$4.50	\$0	\$1,973
145 67 100% 25,847 108 \$0.065 \$1,420 4 0.03 \$58,79 \$5	August	က	184	100%	27,078	145	\$0.062	\$1,676	9	0.05	\$41.52	\$263	0	\$4.50	\$0	\$2,050
414 6 100% 25,287 60 81,403 6 91,104 81,403 6 84,130 85,643 86,69 84,50 86,61 84,50 86,61 84,50 86,61 84,50 86,61 86,130 86,131 86,131 86,131 86,131 86,130	September	145	29	100%	22,847	108	\$0.056	\$1,270	4	0.03	\$59.79	\$252	0	\$4.50	\$0	\$1,629
775 0 100% 55.786 34 80.051 \$1.305 35 90.051 \$1.305 35 90.051 \$1.305 10.25 \$1.41 \$401 0 \$44.50 \$50 2221 800 100% 30.680 34 \$0.044 \$1.365 10.05 \$11.50 \$24.50 \$24.50 \$20 \$20.044 \$1.385 426 \$21.53 \$2.551 \$20.044 \$1.386 \$20 \$20.50 \$20 \$20.048 \$1.386 \$20 \$20.586 \$20 \$20.048 \$1.386 \$20 \$20.586 \$20 \$20.048 \$1.386 \$20 \$20.886 \$1.221 \$476 \$22.886 \$2.286 \$20 \$20.048 \$1.136 \$22.886 \$2.286 \$20 \$20.048 \$1.136 \$2.286 <td>October</td> <td>414</td> <td>9</td> <td>100%</td> <td>25,287</td> <td>09</td> <td>\$0.055</td> <td>\$1,403</td> <td>9</td> <td>0.02</td> <td>\$41.31</td> <td>\$262</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$1,775</td>	October	414	9	100%	25,287	09	\$0.055	\$1,403	9	0.02	\$41.31	\$262	0	\$4.50	\$0	\$1,775
144 0 100% 29,269 26 80,044 \$1,286 262 0.19 \$5,169 0.6 \$4,169 0.6 \$4,50 \$9.0	November	775	0	100%	25,786	33	\$0.051	\$1,305	35	90.0	\$11.41	\$401	0	\$4.50	\$0	\$1,876
144 0.0 100% 2.9 2.8 2.0 2.0 2.0 2.2	December	914	0	100%	30,860	34	\$0.051	\$1,567	125	0.19	\$5.54	\$690	0	\$4.50	\$0	\$2,548
144 0 100% 29,289 26 80 0d4 \$1,285 262 0.33 \$5,16 \$1,355 0 \$4,50 \$50 \$6 \$1,355 1034 1034 1034 1034 1035 1345 1358 1358 1345 1358 1	1st half yr	2251	099			56	\$0.054	\$8,791	187	90.0	\$11.50	\$2,153	0	\$4.50	0\$	\$10,943
1034 0 100% 30,486 29 \$1,326 51,326 419 0.58 54,59 51,925 0 54,50 50 571 0 100% 25,183 34 \$50,043 \$1,422 478 123 54,50 52,268 0 54,50 50 582 0 100% 25,183 46 \$50,048 \$1,135 359 2.04 \$4,16 \$1,494 0 \$4,50 \$50,049 572 100% 22,531 90 \$0,048 \$1,135 359 2.04 \$4,16 \$1,494 0 \$4,50 \$50,049 573 384 256 24,307 126 \$50,048 \$1,156 2.373 0.34 \$55.09 \$12,068 0 \$4,50 \$50,049 574 100% 22,531 90 \$50,048 \$1,156 \$1,	January	1141	0	100%	29,269	26	\$0.044	\$1,285	262	0.33	\$5.16	\$1,355	0	\$4.50	\$0	\$3,211
550 0 100% 25,183 46 \$0.43 \$1,442 537 0.79 \$4.23 \$2,268 0 \$4,50 \$0 550 0 100% 25,183 46 \$0.048 \$1,221 478 123 \$4,50 \$2,161 0 \$4,50 \$0 157 94 100% 22,531 90 \$0.048 \$1,156 130 \$2,64 \$4,16 \$1,494 0 \$4,50 \$0	-ebruary	1034	0	100%	30,458	29	\$0.045	\$1,358	419	0.58	\$4.59	\$1,925	0	\$4.50	\$0	\$4,094
550 0 100% 25,183 46 \$0.448 \$1,221 478 1,23 \$450 \$21,51 0 \$4,50 \$50 \$6 <	March	971	0	100%	33,193	34	\$0.043	\$1,442	537	0.79	\$4.23	\$2,268	0	\$4.50	\$0	\$4,666
157 94 100% 22,531 90 \$0.056 \$1,135 359 2.04 \$4.16 \$1,494 0 \$4.50 \$8.55 \$9.048 \$1,156 130 0.96 \$5.55 \$7.23 0 \$4.50 \$9.050 \$9.050 \$1,156 130 0.96 \$5.55 \$7.23 0 \$4.50 \$9.050 \$9.050 \$1,156 \$1.273 0.34 \$5.09 \$1.2068 0 \$4.50 \$9.050 \$9.050 \$1.2368 \$9.050 \$9.050 \$1.238 \$9.050	hril	550	0	100%	25,183	46	\$0.048	\$1,221	478	1.23	\$4.50	\$2,151	0	\$4.50	0\$	\$4,278
31 162 100% 24,307 126 \$1,156 130 \$6.55 \$723 0 \$4.50 \$0 3884 256 164,940 40 \$0.046 \$7,595 2,186 0.53 \$4.54 \$6.915 0 \$4.50 \$0 6135 916 326,863 46 \$0.050 \$16,386 2,373 0.34 \$5.09 \$12,068 0 \$4.50 \$0 \$6<	Aay	157	94	100%	22,531	06	\$0.050	\$1,135	359	2.04	\$4.16	\$1,494	0	\$4.50	\$0	\$3,258
3884 256 164,940 40 \$0.046 \$7,585 2,186 0.53 \$4.54 \$9,915 0 \$4.50 \$6 6135 916 326,853 46 \$0.050 \$16,386 2,373 0.34 \$5.09 \$12,088 0 \$4.50 \$6 2 30,861 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = Acceptable Acce	lune	3	162	100%	24,307	126	\$0.048	\$1,156	130	96.0	\$5.55	\$723	0	\$4.50	0\$	\$2,183
6135 916 326,853 46 \$0.050 \$16,386 2.373 0.34 \$5.09 \$12,068 0 \$4.50 \$5.09 \$12,068 0 \$4.50 \$5.09 \$5.09 \$5.09 \$5.09 \$5.09 \$5.09 \$5.09 \$5.09 \$5.00	nd half yr	3884	256			40	\$0.046	\$7,595	2,186	0.53	\$4.54	\$9,915	0	\$4.50	0\$	\$17,511
Energy Consumption to BTU Conversions 30,861 Electricity = KVVH X 3413 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,548 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115,115 Energy Utilization Index = 1,115,115 Energy Utiliza	TOTAL/YEAR	6135	916		326,853	46	\$0.050	\$16,386	2,373	0.34	\$5.09	\$12,068	0	\$4.50	\$0	\$28,454
30,861 Electricity = KWH X 3413 1,115,548 Energy Utilization Index = 246,888 Natural Gas = MCF X 102,500 243,211 Total BTU Consumption/Yr 1,358,758,903 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0,4403 TOTAL BTU's x 1,000 1,358,759	3uilding Data:		1995			Energy Con	sumption to B	TU Conversions								
246,888 Natural Gas = MCF X 102,500 243,211 Total BTU Consumption/Yr 1,358,758,903 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0,4403 TOTAL BTU's x 1,000 1,358,759	Gross Area (ft)2		30,861			Electricity =	KWH X 3413		1,115,548			Energy Utilization	n Index =			
Fuel Oil = Gallons X 138 690 0 Gross Area (ft) 2 30,861 Other Fuel 0 0 Divided by 100,000 = 0.4403 TOTAL BTU's x 1,000 1,358,759	Gross Volume (f	f)3	246,888			Natural Gas	= MCF X 102	,500	243,211			Total	BTU Consump	otion/Yr	1,358,758,903	
Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0.4403 Other Fuel 0 1,358,759											•		Gross Area (ft)	2	30,861	ř
AL BTU's x 1,000 1,358,759	Seneral Notes:					Fuel Oil = G	allons X 138,	390	0			ä	000	9	7,700	C I
						Other Fuel			0	ī		5	vided by 100,00	= 00	0.4403	N N N N N N N N N N N N N N N N N N N
						TOT	AL BTU's x 1,(000	1,358,759							

FY YEAR:	2013	2013	- 66												
	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OII	j	TOTAL
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	167,087	415	\$0.052	\$8,717	200	0.50	\$5.57	\$1,115	0	\$4.50	\$0	\$9,832
August	က	184	100%	178,675	922	\$0.062	\$11,062	174	0.93	\$6.70	\$1,166	0	\$4.50	\$0	\$12,228
September	145	29	100%	115,814	546	\$0.056	\$6,438	161	92.0	\$4.88	\$786	0	\$4.50	\$0	\$7,224
October	414	9	100%	108,132	257	\$0.055	\$6,001	238	0.57	\$4.04	\$960	0	\$4.50	\$0	\$6,961
November	775	0	100%	103,397	133	\$0.051	\$5,234	257	0.33	\$4.01	\$1,030	0	\$4.50	\$0	\$6,264
December	914	0	100%	103,802	114	\$0.051	\$5,272	454	0.50	\$3.84	\$1,743	0	\$4.50	\$0	\$7,015
1st half yr	2251	099		776,907	267	\$0.055	\$42,724	1,484	0.51	\$4.58	\$6,799	0	\$4.50	\$0	\$49,523
January	1141	0	100%	103,802	91	\$0.044	\$4,558	599	0.52	\$3.93	\$2,356	0	\$4.50	\$0	\$6,914
February	1034	0	100%	103,802	100	\$0.045	\$4,627	803	0.78	\$3.76	\$3,018	0	\$4.50	\$0	\$7,645
March	971	0	100%	119,016	123	\$0.043	\$5,169	820	0.88	\$3.72	\$3,160	0	\$4.50	\$0	\$8,329
April	550	0	100%	102,996	187	\$0.048	\$4.992	410	0.75	\$3.81	\$1,563	0	\$4.50	\$0	\$6,555
May	157	94	100%	131,881	525	\$0.050	\$6,642	267	1.06	\$3.37	\$900	0	\$4.50	\$0	\$7,542
June	31	162	100%	152,943	792	\$0.048	\$7,271	278	1.44	\$2.85	\$791	0	\$4.50	\$0	\$8,063
2nd half yr	3884	256		714,439	173	\$0.047	\$33,259	3,207	7.70	\$3.68	\$11,789	0	\$4.50	\$0	\$45,048
TOTALMEAR	6135	916		1,491,346	212	\$0.051	\$75,984	4,691	0.67	\$3.96	\$18,588	0	\$4.50	\$0	\$94,572
Building Data:		1992			Energy Cor	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	_	55,209			Electricity =	Electricity = KWH X 3413		5,089,964		Ш	Energy Utilization Index =	= xəpul u			
Gross Volume (ft)3	ft)3	441,672			Natural Gas	Natural Gas = MCF X 102,500	,500	480,828		l	Total	Total BTU Consumption/Yr	tion/Yr	5,570,791,398	i
September 1					1	7 × 2 × 2 × 600	9	c				Gross Area (ft) 2	2	55,209	i
Gelleral Notes.					5 5 5	odiioiis A 130,	080	5			Ϊ́Δ	Divided by 100,000 =	= 0	1.0090	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	5,570,791							
COST / SQ. FT. / YEAR	./YEAR		\$1.71												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.05												

09/13/14	
DATE:	
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BUILDING:	FY YEAR:

30	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY
ů.															
July	0	403	100%	18,747	47	\$0.052	826\$	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$818
August	က	184	100%	16,934	91	\$0.062	\$1,048	0	00.0	\$12.51	\$5	0	\$4.50	\$0	\$1,054
September	145	29	100%	15,028	71	\$0.056	\$835	20	0.10	\$12.51	\$255	0	\$4.50	\$0	\$1,090
October 0	414	9	100%	15,719	37	\$0.055	\$872	28	0.14	\$12.51	\$727	0	\$4.50	\$0	\$1,599
November	775	0	100%	11,578	15	\$0.051	\$586	109	0.14	\$12.51	\$1,361	0	\$4.50	\$0	\$1,947
December	914	0	100%	13,889	15	\$0.051	\$705	128	0.14	\$12.51	\$1,605	0	\$4.50	\$0	\$2,310
1st half yr	2251	099		91,894	32	\$0.055	\$5,026	316	0.11	\$12.51	\$3,953	0	\$4.50	80	\$8,979
January	1141	0	100%	11,442	10	\$0.044	\$502	160	0.14	\$12.51	\$2,004	0	\$4.50	\$0	\$2,506
February	1034	0	100%	10,859	Ξ	\$0.045	\$484	145	0.14	\$12.51	\$1,816	0	\$4.50	\$0	\$2,300
March	971	0	100%	12,095	12	\$0.043	\$525	136	0.14	\$12.51	\$1,705	0	\$4.50	\$0	\$2,230
April	550	0	100%	11,983	22	\$0.048	\$581	77	0.14	\$12.51	\$966	0	\$4.50	\$0	\$1,547
May	157	94	100%	12,758	51	\$0.050	\$643	22	0.09	\$12.51	\$276	0	\$4.50	\$0	\$918
June	31	162	100%	16,713	87	\$0.048	\$195	4	0.02	\$12.51	\$54	0	\$4.50	\$0	\$849
2nd half yr	3884	256		75,849	81	\$0.047	\$3,530	545	0.13	\$12.51	\$6,820	0	\$4.50	\$0	\$10,350
TOTALMEAR	6135	916		167,744	24	\$0.051	\$8,555	861	0.12	\$12.51	\$10,773	0	\$4.50	\$0	\$19,329
Building Data:		1965			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2(:	15,317			Electricity =	Electricity = KWH X 3413		BIU'S X 1,000 572,509		ш	Energy Utilization Index =	= xəpul ι			
Gross Volume (ft)3	e (ft)3	122,536			Steam = M (Steam = M (lbs) X 1,000,000	00.	861,221		'	Total	Total BTU Consumption/Yr	tion/Yr	1,433,730,467	ï
General Notes:	.; ;				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06:	0				Gross Area (#) 2	7	15,317	
					Other Fuel			0	¥		ฉ็	Divided by 100,000 =	= 00	0.9360	HEKMS
					TOT	TOTAL BTU's x 1,000	000	1,433,730							
COST / SQ. FT. / YEAR	T./YEAR		\$1.26												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.09												

BUILDING: F FY YEAR:	Rocket Hall 2013													DATE:	09/13/14
	DEGREE DAYS (DD)	(DD) XXV			ELECTRICITY	СПУ			NATU	NATURAL GAS			FUEL OIL	-	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	76,978	191	\$0.052	\$4,016	103	0.26	\$7.17	738	0	\$4.50	\$0	\$4,755
August	က	184	100%	98,152	525	\$0.062	\$6,077	7.7	0.41	\$7.88	209	0	\$4.50	\$0	\$6,683
September	145	29	100%	87,140	411	\$0.056	\$4,844	42	0.37	\$7.60	009	0	\$4.50	0\$	\$5,445
October	414	9	100%	87.040	207	\$0.055	\$4.830	66	0.24	86.90	683	0	\$4.50	08	\$5.514
November	775	0	100%	89.620	116	\$0.051	\$4.537	174	0.22	\$5.90	1.026	0	\$4.50	0\$	\$5,563
December	914	0	100%	95,146	104	\$0.051	\$4,832	260	0.28	\$4.52	1,176	0	\$4.50	80	\$6,008
1st half yr	2251	099		534,076	183	\$0.055	\$29,136	792	0.27	\$6.10	\$4,830	0	\$4.50	0\$	\$33,967
January	1141	0	100%	87,944	77	\$0.044	\$3,862	403	0.35	\$4.87	1,961	0	\$4.50	\$0	\$5,822
February	1034	С	100%	86877	84	\$0.045	\$3 873	575	0.56	\$4 53	2 603	С	\$4.50	08	\$6 475
March	971	0	100%	93,956	26	\$0.043	\$4,081	540	0.56	\$4.32	2,331	0	\$4.50	80	\$6,412
April	550	c	100%	80 318	167	\$0.048	\$4 320	763	80	63.63	2 141	c	64 50	G	\$6.470
	,	,	200	1 0	2 6	0 0	070,10	0 0	000	1 1 0			0 0	8 6	- 1
May	/61	4 .	%00L	11,763	310	\$0.050	43,916	335	1.33	34.35	7,45/	>	\$4.50) A	\$5,373
June	સ	162	100%	78,819	408	\$0.048	\$3,747	196	1.02	\$5.21	1,021	0	\$4.50	80	\$4,768
2nd half yr	3884	256		514,678	124	\$0.046	\$23,808	2,512	0.61	\$4.58	\$11,513	0	\$4.50	\$0	\$35,321
TOTALMEAR	6135	916	59	1,048,754	149	\$0.050	\$52,944	3,304	0.47	\$4.95	\$16,344	0	\$4.50	80	\$69,288
Building Data:		1961			Energy Con	sumption to B	Energy Consumption to BTU Conversions	S TILL x 4 000							
Gross Area (ft)2		109,552			Electricity =	Electricity = KWH X 3413		3,579,397		ш	Energy Utilization Index =	= mdex =			
Gross Volume (#)3		876,416			Natural Gas	Natural Gas = MCF X 102,500	;500	338,660			Total	Total BTU Consumption/Yr	tion/Yr	3,918,057,402	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	390	0			-	Gross Area (ft) 2	2	109,552	
					Other Fuel			0			Ν̈́Ο	Divided by 100,000 =	= 00	0.3576	THERMS
					TOT	TOTAL BTU's x 1,000	000	3,918,057							
COST / SQ. FT. / YEAR	/YEAR		\$0.63												

WATER / SQ. FT. / YEAR

09/13/14	
DATE: 09/	
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Savage Hall	2013
BUILDING:	Y YEAR:

		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			PURCHA	PURCHASED STEAM			FUEL OII		TOTAL
144 100	MONTH	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	ENERGY
1																
144 145 147	uly	0	403	100%	255,131	633	\$0.052	\$13,311	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$13,311
145 67 100% 193,664 428 50.056 59,971 756 180 51.251 59,463 0 54,50 50 50 50 50 50 50 50	ugust	က	184	100%	199,840	1,069	\$0.062	\$12,372	5	0.03	\$12.51	869	0	\$4.50	\$0	\$12,441
1414 6 100% 192, 182,189 225 20.055 59.971 756 180 512,51 517,715 0 54.50 50 50 50 50 50 50 50	eptember	145	29	100%	183,560	998	\$0.056	\$10,204	265	1.25	\$12.51	\$3,314	0	\$4.50	0\$	\$13,519
r 775 0 100% 182,156 235 50.051 53.21 1416 183 51.251 51.7715 0 54.50 59.6 7 2251 60 100% 207,522 227 \$0.054 \$65.619 4,113 141 \$12.61 \$50.892 0 \$4.50 \$9.6 1034 0 100% 200.635 476 \$0.044 \$86.10 1,174 182 \$12.51 \$20.892 0 \$4.50 \$9.6 1034 0 100% 200.635 176 \$0.044 \$8.614 1,174 182 \$12.51 \$20.892 0 \$4.50 \$9.6 550 0 100% 20.803 20.44 \$8.614 1,174 182 \$12.51 \$20.892 0 \$4.50 \$9.6 550 0 100% 100% 100% 100% \$9.6 \$9.6 \$9.6 \$1.7 \$1.2 \$1.2 \$1.2 \$1.2 \$1.2 \$1.2	ctober)	414	9	100%	179,664	428	\$0.055	\$9,971	756	1.80	\$12.51	\$9,463	0	\$4.50	\$0	\$19,434
1 144 10 100% 207,522 227 50.054 56.5619 1,670 1,82 512.51 520,892 0 54.50 50 50 50 50 50 50 50	Jovember	775	0	100%	182,159	235	\$0.051	\$9,221	1,416	1.83	\$12.51	\$17,715	0	\$4.50	\$0	\$26,936
660 1.207,876 415 50.054 585.619 4,113 141 512.51 551453 0 34.50 580 680 690 690 690 690 690 690 690 690 690 69	December	914	0	100%	207,522	227	\$0.051	\$10,540	1,670	1.83	\$12.51	\$20,892	0	\$4.50	\$0	\$31,432
1141 10 100% 200.635 176 50.044 \$8.810 2.085 183 \$12.51 \$256.081 0 \$4.50 \$80 \$80 \$80 \$80 \$90 \$	st half yr	2251	099			415	\$0.054	\$65,619	4,113	1.41	\$12.51	\$51,453	0	\$4.50	0\$	\$117,072
1034 0 100% 233 431 226 \$0.045 \$10.406 1,889 183 \$12.51 \$52.055 0 \$4.50 \$9.0	anuary	1141	0	100%	200,635	176	\$0.044	\$8,810	2,085	1.83	\$12.51	\$26,081	0	\$4.50	\$0	\$34,891
STA 0 100% 120,356 227 \$50,043 \$5,571 1,774 183 \$12,51 \$52,195 0 \$4,50 \$50	ebruary	1034	0	100%	233,431	226	\$0.045	\$10,406	1,889	1.83	\$12.51	\$23,635	0	\$4.50	\$0	\$34,041
157 14 100	Jarch	971	0	100%	220,356	227	\$0.043	\$9,571	1,774	1.83	\$12.51	\$22,195	0	\$4.50	\$0	\$31,766
157 94 100% 168,041 669 \$0.056 \$8,453 57 1.14 \$12.51 \$7.99 0 \$4.50 \$9.99 \$0.050 \$9.90 \$1.51	pril	550	0	100%	198,557	361	\$0.048	\$9,624	1,005	1.83	\$12.51	\$12,572	0	\$4.50	\$0	\$22,196
1 162 100% 185,832 963 \$0.046 \$8,835 57 0.29 \$12.51 \$709 0 \$4.50 \$90	ılay	157	94	100%	168,041	699	\$0.050	\$8,463	287	1.14	\$12.51	\$3,589	0	\$4.50	\$0	\$12,052
3884 256 1,206,852 292 \$50,046 \$55,708 7,097 1,71 \$1251 \$88,780 0 \$450 \$9 6135 916 2,414,728 342 \$50,050 \$121,327 11,210 1.59 \$1251 \$140,234 0 \$4.50 \$0 \$6	nue	31	162	100%	185,832	963	\$0.048	\$8,835	22	0.29	\$12.51	\$709	0	\$4.50	80	\$9,543
1975 Fine triangular Fin	ndhalfyr	3884	256			292	\$0.046	\$55,708	7,097	1.71	\$12.51	\$88,780	0	\$4.50	\$0	\$144,488
Energy Consumption to BTU Conversions ETU's x 1,000 Electricity = KWH X 3413 E1U's x 1,000 Electricity = KWH X 3413 ENERGY Utilization Index = 8,241,467 Energy Utilization Index = 199,380 Total BTU Consumption/Yr 19,451,905,177 Gross Area (#) 2 199,380 Cther Fuel Cill = Callons X 138,680 Cther Fuel Cill = Callons X 138,680 TOTAL BTU's x 1,000 19,451,905 TOTAL BTU's x 1,000 19,451,905	OTALMEAR	6135	916		2,414,728	342	\$0.050	\$121,327	11,210	1.59	\$12.51	\$140,234	0	\$4.50	\$0	\$261,560
199,380 Electricity = KWH X 3413 B,241,467 Energy Utilization Index = 1,585,040 Steam = M (lbs) X 1,000,000 11,210,439 Total BTU Consumption/Yr 19,451,905,177 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0,9756 TOTAL BTU's x 1,000 19,451,905	uilding Data:		1975			Energy Con	sumption to B	TU Conversions	_							
1,595,040 Steam = M (lbs) X 1,000,000 11,210,439 Total BTU Consumption/Yr 19,451,905,177 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0,9756 TOTAL BTU's x 1,000 19,439 0.00	iross Area (ft)2		199,380			Electricity =	KWH X 3413		8,241,467		ш	Energy Utilizatio	n Index =			
Gross Area (ft) 2 199,380 Fuel Oil = Gallons X 138,690 0 Other Fuel TOTAL BTU's x 1,000 19,451,905	iross Volume (ft)3	1,595,040			Steam = M	(lbs) X 1,000,(000	11,210,439		ı	Tota	BTU Consump	otion/Yr	19,451,905,177	
0.37.50 0.04,000 = 0.37.50 0.471,905 0.451,905	eneral Notes:					Fuel Oil = G	iallons X 138,6	390	0		l	ä	Gross Area (ft)	2	199,380	0 1 1 1
						Other Fuel			0	_U		ā	n'non ka pan'	II 00	0.8/20	O B B B B B B B B B B B B B B B B B B B
						TOT	AL BTU's x 1,(000	19,451,905							

09/13/14	
DATE:	
Scott Tucker Hall	
	2013
BUILDING	FY YEAR:

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OII		TOTAL
MONTH	Heating	Cooling	% P.F.	kvvh	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	ENERGY COST
la e															
July	0	403	100%	20,000	20	\$0.052	\$1,043	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$1,043
August	က	184	100%	20,000	107	\$0.062	\$1,238	-	0.01	\$12.51	\$15	0	\$4.50	\$0	\$1,253
September	145	29	100%	1,630	ω	\$0.056	\$91	25	0.27	\$12.51	\$710	0	\$4.50	\$0	\$801
October	414	9	100%	7.540	18	\$0.055	\$418	162	0.39	\$12.51	\$2,027	0	\$4.50	\$0	\$2,446
November	775	0	100%	5,000	9	\$0.051	\$253	303	0.39	\$12.51	\$3,795	0	\$4.50	\$0	\$4,048
December	914	0	100%	20,000	22	\$0.051	\$1,016	358	0.39	\$12.51	\$4,475	0	\$4.50	\$0	\$5,491
1st half yr	2251	099		74,170	25	\$0.055	\$4,060	881	0.30	\$12.51	\$11,022	0	\$4.50	\$0	\$15,082
January	1141	0	100%	20,000	18	\$0.044	\$878	447	0.39	\$12.51	\$5,587	0	\$4.50	\$0	\$6,465
February	1034	0	100%	45,086	44	\$0.045	\$2,010	405	0.39	\$12.51	\$5,063	0	\$4.50	\$0	\$7,073
March	971	0	100%	44,867	46	\$0.043	\$1,949	380	0.39	\$12.51	\$4,755	0	\$4.50	\$0	\$6,703
April	550	0	100%	44,867	82	\$0.048	\$2,175	215	0.39	\$12.51	\$2,693	0	\$4.50	\$0	\$4,868
May	157	94	100%	41,829	167	\$0.050	\$2,107	61	0.24	\$12.51	8769	0	\$4.50	\$0	\$2,875
June	31	162	100%	45,400	235	\$0.048	\$2,158	12	90.0	\$12.51	\$152	0	\$4.50	\$0	\$2,310
2nd half yr	3884	256		242,048	28	\$0.047	\$11,276	1,520	0.37	\$12.51	\$19,018	0	\$4.50	\$0	\$30,294
TOTALMEAR	6135	916		316,218	45	\$0.048	\$15,336	2,401	0.34	\$12.51	\$30,040	0	\$4.50	\$0	\$45,376
Building Data:		1935			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	5	42,710			Electricity =	Electricity = KWH X 3413	agan-n-	1,079,252	_	ш	Energy Utilization Index =	ו lndex =			
Gross Volume (ft)3	(ft)3	341,680			Steam = M	Steam = M (lbs) X 1,000,000	000	2,401,434		ı	Total	Total BTU Consumption/Yr	ption/Yr	3,480,685,623	
General Notes:	557				Fuel Oil = G	Fuel Oil = Gallons X 138,690	390	0		l		Gross Area (ft) 2	2	42,710	ï
					Other Fuel			0	r		ίδ	Divided by 100,000 =	= 001	0.8150	THERMS
					TOT	TOTAL BTU's x 1.000	000	3.480.686							
					anaetha an			The second secon							

BUILDING:		DATE:	09/13/14
FY YEAR:	2013		

	DEGREE DAYS (DD)	(DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OII	٥	TOTAL
MONTH	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	ENERGY COST
Ų.															
July	0	403	100%	10,300	26	\$0.052	\$537	· -	0.00	\$242.73	243	0	\$4.50	\$0	\$780
August	က	184	100%	5,500	29	\$0.062	\$341	0	0.00	#DIV\0i	238	0	\$4.50	\$0	\$579
September	145	29	100%	5,500	26	\$0.056	\$306	-	00.0	\$244.07	244	0	\$4.50	\$0	\$550
October	414	9	100%	5.500	5	\$0.055	\$305	2	0.00	\$124.05	248	0	\$4.50	0\$	\$553
November	775	0	100%	7,400	2	\$0.051	\$375	38	0.05	\$11.18	425	0	\$4.50	20\$	\$799
December	914	0	100%	006'6	Ξ	\$0.051	\$503	196	0.21	\$4.88	926	0	\$4.50	\$0	\$1,459
1st half yr	2251	099		44,100	15	\$0.054	\$2,366	238	80.0	\$9.89	\$2,354	0	\$4.50	\$0	\$4,720
January	1141	0	100%	9,200	ω	\$0.044	\$404	356	0.31	\$4.96	1,765	0	\$4.50	\$0	\$2,169
February	1034	0	100%	9,200	6	\$0.045	\$410	483	0.47	\$4.54	2,191	0	\$4.50	\$0	\$2,601
March	971	0	100%	8,500	6	\$0.043	\$369	463	0.48	\$3.96	1,834	0	\$4.50	\$0	\$2,204
April	550	0	100%	6,433	12	\$0.048	\$312	527	0.96	\$4.48	2,359	0	\$4.50	\$0	\$2,671
May	157	76	100%	6 433	26	\$0.050	\$324	474	1 89	\$4.02	1 907	c	\$4.50	0\$	\$2 231
June	31	162	100%	6,433	33	\$0.048	\$306	148	0.77	\$5.43	804	0	\$4.50	\$0	\$1,110
2nd half yr	3884	256		46,200	Ξ	\$0.046	\$2,125	2,451	0.59	\$4.43	\$10,861	0	\$4.50	\$0	\$12,986
TOTALMEAR	6135	916		90,300	13	\$0.151	\$13,640	2,689	0.38	\$4.91	\$13,215	0	\$4.50	\$0	\$26,855
Building Data:		1994			Energy Cor	rsumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2		7,502			Electricity =	Electricity = KWH X 3413	Wagners.	308,194		ш	Energy Utilization Index =	ı İndex =			
Gross Volume (ft)3		60,016			Natural Gas	Natural Gas = MCF X 102,500	,500	275,623			Total	Total BTU Consumption/Yr	tion/Yr	583,816,400	
								c		•		Gross Area (ft) 2	2	7,502	ř
General Notes:						ruel OII = Gallons A 138,690	089	D			ÿÖ	Divided by 100.000 =	= 0,	0.7782	THERMS
					Other Fuel			0	pos		i	6		<u> </u>	i
					TOT	TOTAL BTU's x 1,000	000	583,816							
COST / SQ. FT. / YEAR	./YEAR		\$3.58												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.93												

DATE: 09/13/14		@20 Gal/Hr ENERGY TOTAL COST
	FUEL OIL	Load-shed Cost per Hours Gal
		Load-shed Hours
		TOTAL
	PURCHASED STEAM	Cost per M(Lbs)
	PURCHA	M (Lbs) per DD
		M (LBS)
		TOTAL
	спү	Cost per kWh
	ELECTRICITY	kWh per DD
		kwh
	^	% P.F.
norial	(DD)	Cooling
Snyder Memorial 2013	DEGREE D,	Heating
BUILDING: FY YEAR:		MONTH

	DEGREE DAYS (DD)	(DD) AYS			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	Heating	Cooling	% P.F.	kvvh	kWh per DD	Cost per kVVh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY
62															
July	0	403	100%	43,869	109	\$0.052	\$2,289	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$2,289
August	ဗ	184	100%	45,214	242	\$0.062	\$2,799	-	0.01	\$12.51	\$16	0	\$4.50	\$0	\$2,816
September	145	29	100%	44,450	210	\$0.056	\$2,471	64	0.30	\$12.51	262\$	0	\$4.50	\$0	\$3,268
October	414	9	100%	45,159	108	\$0.055	\$2,506	182	0.43	\$12.51	\$2.276	0	\$4.50	80	\$4.782
November	775	0	100%	41,216	53	\$0.051	\$2,086	341	0.44	\$12.51	\$4,260	0	\$4.50	\$0	\$6,347
December	914	0	100%	42,522	47	\$0.051	\$2,160	402	0.44	\$12.51	\$5,024	0	\$4.50	\$0	\$7,184
1st half yr	2251	099		262,430	06	\$0.055	\$14,311	686	0.34	\$12.51	\$12,374	0	\$4.50	\$0	\$26,685
January	1141	0	100%	39,370	35	\$0.044	\$1,729	501	0.44	\$12.51	\$6,272	0	\$4.50	\$0	\$8,001
February	1034	0	100%	42,619	14	\$0.045	\$1,900	454	0.44	\$12.51	\$5,684	0	\$4.50	\$0	\$7,584
March	971	0	100%	46,327	48	\$0.043	\$2,012	427	0.44	\$12.51	\$5,337	0	\$4.50	\$0	\$7,350
April	550	0	100%	44,171	80	\$0.048	\$2,141	242	0.44	\$12.51	\$3,023	0	\$4.50	\$0	\$5,164
May	157	94	100%	44,000	175	\$0.050	\$2,216	69	0.27	\$12.51	\$863	0	\$4.50	\$0	\$3,079
June	31	162	100%	44,000	228	\$0.048	\$2,092	4	0.07	\$12.51	\$170	0	\$4.50	\$0	\$2,262
2nd half yr	3884	256		260,487	63	\$0.046	\$12,089	1,707	0.41	\$12.51	\$21,350	0	\$4.50	\$0	\$33,439
TOTALMEAR	6135	916		522,917	74	\$0.050	\$26,401	2,696	0.38	\$12.51	\$33,723	0	\$4.50	\$0	\$60,124
Building Data:		1959			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2		47,947			Electricity =	Electricity = KWH X 3413		1,784,717		Ш	Energy Utilization Index =	ndex =			
Gross Volume (#)3	(1)3	383,576			Steam = M (Steam = M (lbs) X 1,000,000	000	2,695,892			Total I	Total BTU Consumption/Yr	tion/Yr	4,480,608,486	
N less					(Ç.	c		I		Gross Area (ft) 2	5	47,947	
Gellelal Notes.						allolls A 136,0	0.00	•			izic	Divided by 100 000 =	= 0	0 9345	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	4,480,608							

BUILDING: FY YEAR:	Stranahan Arboretum 2013	Arboretum												DATE:	: 09/13/14
	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUELOI	٥	TOTAL
MONTH	Heating	Cooling	% P.F.	kvvh	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	ENERGY COST
ë															
July	0	403	100%	364	-	\$0.052	\$19	-	0.00	\$25.76	23	0	\$4.50	\$0	\$42
August	က	184	100%	435	2	\$0.062	\$27	2	0.01	\$19.82	32	0	\$4.50	\$0	\$28
September	145	29	100%	322	7	\$0.056	\$18	7	0.01	\$19.46	29	0	\$4.50	\$0	\$47
October	414	9	100%	322	: -	\$0.055	\$18	9	0.02	\$4.03	26	0	\$4.50	\$0	\$44
November	775	0	100%	559	-	\$0.051	\$28	23	0.03	\$1.38	31	0	\$4.50	\$0	\$59
December	914	0	100%	334	0	\$0.051	\$17	38	0.04	\$1.90	71	0	\$4.50	\$0	\$88
1st half yr	2251	099		2,335	-	\$0.054	\$127	7.1	0.02	\$3.01	\$212	0	\$4.50	\$0	\$339
January	1141	0	100%	995	-	\$0.044	\$44	64	90.0	\$2.89	184	0	\$4.50	90	\$227
February	1034	0	100%	1,134	-	\$0.045	\$51	72	0.07	\$3.39	246	0	\$4.50	\$0	\$296
March	971	0	100%	259	0	\$0.043	\$11	79	0.08	\$4.06	321	0	\$4.50	\$0	\$332
April	550	0	100%	259	0	\$0.048	\$13	74	0.13	\$4.47	329	0	\$4.50	90	\$342
May	157	94	100%	259	-	\$0.050	\$13	52	0.21	\$5.52	288	0	\$4.50	0\$	\$301
June	31	162	100%	289	4	\$0.048	\$33	34	0.18	\$6.90	236	0	\$4.50	\$0	\$269
2nd half yr	3884	256		3,592	-	\$0.046	\$164	375	60.0	\$4.28	\$1,603	0	\$4.50	\$0	\$1,767
TOTALMEAR	6135	916		5,927	1	\$2.524	\$14,960	446	90.0	\$4.08	\$1,816	0	\$4.50	\$0	\$16,776
Building Data:		1932	est		Energy Cor	sumption to E	Energy Consumption to BTU Conversions								
Gross Area (ft)2	. .	7,386			Electricity =	Electricity = KWH X 3413	****	BTU's x 1,000 20,229		Ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	ft)3	59,088			Natural Ga	Natural Gas = MCF X 102,500	2,500	45,664		1	Total	Total BTU Consumption/Yr	otion/Yr	65,892,601	i
General Notes:					III I	First Oil = Gallone X 138 600	800	c				Gross Area (ft) 2	2	7,386	
3					5		9)			ΙŌ	Divided by 100,000 =	= 00	0.0892	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	65,893							
COST / SQ. FT. / YEAR	./YEAR		\$2.27												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.07												

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MONTH Heating July 0														
	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	ENERGY
	403	100%	138,758	344	\$0.052	\$7,239	0	0.00	\$12.51	\$0	0	\$4.50	\$0	\$7,239
	184	100%	136,821	732	\$0.062	\$8,471	က	0.02	\$12.51	\$42	0	\$4.50	\$0	\$8,512
per	29	100%	130,586	616	\$0.056	\$7,260	161	92.0	\$12.51	\$2,014	0	\$4.50	\$0	\$9,273
October 414	9	100%	144,185	343	\$0.055	\$8,002	460	1.09	\$12.51	\$5,749	0	\$4.50	\$0	\$13,751
e	0	100%	131,772	170	\$0.051	\$6,671	860	1.1	\$12.51	\$10,763	0	\$4.50	\$0	\$17,434
December 914	0	100%	162,620	178	\$0.051	\$8,259	1,015	1.1	\$12.51	\$12,693	0	\$4.50	\$0	\$20,952
1st half yr 2251	099		844,742	290	\$0.054	\$45,901	2,499	0.86	\$12.51	\$31,261	0	\$4.50	\$0	\$77,162
	0	100%	120,317	105	\$0.044	\$5,283	1,267	1.11	\$12.51	\$15,846	0	\$4.50	\$0	\$21,129
	0	100%	122,586	119	\$0.045	\$5,464	1,148	1.11	\$12.51	\$14,360	0	\$4.50	\$0	\$19,824
March 971	0	100%	131,609	136	\$0.043	\$5,716	1,078	1.11	\$12.51	\$13,485	0	\$4.50	\$0	\$19,201
	0	100%	153,409	279	\$0.048	\$7,436	611	1.11	\$12.51	\$7,638	0	\$4.50	\$0	\$15,074
May 157	94	100%	144,323	575	\$0.050	\$7,268	174	69.0	\$12.51	\$2,180	0	\$4.50	\$0	\$9,449
	162	100%	146,959	761	\$0.048	\$6,987	34	0.18	\$12.51	\$431	0	\$4.50	\$0	\$7,417
2nd half yr 3884	256		819,202	198	\$0.047	\$38,154	4,312	1.04	\$12.51	\$53,939	0	\$4.50	\$0	\$92,094
TOTAL/YEAR 6135	916		1,663,944	236	\$0.051	\$84,055	6,811	0.97	\$12.51	\$85,200	0	\$4.50	\$0	\$169,256
Building Data:	1984			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	121,135			Electricity =	Electricity = KWH X 3413		BTU's × 1,000 5,679,040			Energy Utilization Index =	= xəpul t			
Gross Volume (ft)3	080'696			Steam = M (Steam = M (lbs) X 1,000,000	00	6,810,996			Total	Total BTU Consumption/Yr	tion/Yr	12,490,036,625	
General Notes:				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0				Gross Area (ft) 2	2	121,135	
				Other Fuel			0	Į.		Div	Divided by 100,000 =	= 00	1.0311	THERMS
				TOT	TOTAL BTU's x 1,000	00	12,490,037							

09/13/14	
DATE: 09	
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Student Medical Center	က
	R: 2013
BUILDIN	FY YEAR:

	EGREED	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	Location	Dailor	0 %	45	kWh per	Cost per	TOTAL	10017	M (Lbs)	Cost per	I STOT	Load-shed	Cost per	@20 Gal/Hr	ENERGY
	Jeaning	Cooling	L. 6	KVVII	00	kWh	IOIAL	M (LBS)	per DD	M(Lbs)	I OI AF	Hours	Gal	TOTAL	COST
July	0	403	100%	30,846	77	\$0.052	\$1,609	0	0.00	\$12.51	0\$	0	\$4.50	\$0	\$1,609
August	က	184	100%	31,320	167	\$0.062	\$1,939	0	0.00	\$12.51	\$4	0	\$4.50	\$0	\$1,943
September	145	29	100%	21,340	101	\$0.056	\$1,186	17	0.08	\$12.51	\$209	0	\$4.50	\$0	\$1,395
October	414	9	100%	16,590	40	\$0.055	\$921	48	0.11	\$12.51	\$597	0	\$4.50	\$0	\$1,517
November	775	0	100%	15,050	19	\$0.051	\$762	88	0.12	\$12.51	\$1,117	0	\$4.50	\$0	\$1,879
December	914	0	100%	17,460	19	\$0.051	2883	105	0.12	\$12.51	\$1,318	0	\$4.50	\$0	\$2,204
1st half yr	2251	099		132,606	46	\$0.055	\$7,304	259	0.09	\$12.51	\$3,245	0	\$4.50	\$0	\$10,549
January	1141	0	100%	15,050	5	\$0.044	\$661	131	0.12	\$12.51	\$1.645	0	\$4.50	\$0	\$2,306
February	1034	0	100%	14.674	4	\$0.045	\$654	119	0.12	\$12.51	\$1,491	0	\$4.50	0\$	\$2.145
March	971	0	100%	16,281	17	\$0.043	\$707	112	0.12	\$12.51	\$1,400	0	\$4.50	\$0	\$2,107
April	550	c	100%	16 804	7	\$0.048	4817	63	0.12	\$1251	\$703	c	05 1/2	Ç	51 607
	1 2	> ?	200	100,00	5 6	0.00		2 5	0 0	0.00	0000	0 0	0 0	9 6	0,0
May	15/	4	%001	22,488	06	\$0.050	55 L. L⊅	8	0.0	12.21	2770	5	94.50	D .	41,539
June	5	162	100%	26,198	136	\$0.048	\$1,245	4	0.02	\$12.51	\$45	0	\$4.50	\$0	\$1,290
2nd half yr	3884	256		111,495	27	\$0.047	\$5,215	448	0.11	\$12.51	\$5,599	0	\$4.50	\$0	\$10,814
TOTALMEAR	6135	916		244,101	35	\$0.051	\$12,519	707	0.10	\$12.51	\$8,844	0	\$4.50	\$0	\$21,362
Building Data:		1991			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2		12,574			Electricity =	Electricity = KWH X 3413		833,116		Ш	Energy Utilization Index =	ndex =			
Gross Volume (ft)3		100,592			Steam = M	Steam = M (lbs) X 1,000,000	000	706,992		ı	Total	Total BTU Consumption/Yr	ion/Yr	1,540,107,975	·
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	900	0				Gross Area (#) 2		12,574	
					Other Fuel			0			Ν̈́	Divided by 100,000 =	 	1.2248	HEKMS
					TOT	TOTAL BTU's x 1,000	000	1,540,108							
COST / SQ. FT. / YEAR	YEAR		\$1.70												
WATER / SQ. FT. / YEAR	./YEAR		\$0.61												

Student Rec Center 2013

BUILDING: FY YEAR:

DATE: 09/13/14

	DEGREE DAYS (DD)	JAYS (DD)			ELECTRICITY	SITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
60															
July	0	403	100%	386,839	096	\$0.052	\$20,182	1,240	3.08	\$4.88	6,052	0	\$4.50	\$0	\$26,234
August	ന	184	100%	362,226	1,937	\$0.062	\$22,426	808	4.32	\$5.58	4,507	0	\$4.50	\$0	\$26,933
September	145	29	100%	353,823	1,669	\$0.056	\$19,670	741	3.50	\$5.37	3,979	0	\$4.50	\$0	\$23,649
October	414	9	100%	277,876	662	\$0.055	\$15,421	961	2.29	\$4.23	4,065	0	\$4.50	\$0	\$19,486
November	775	0	100%	216,856	280	\$0.051	\$10,978	936	1.21	\$4.23	3,955	0	\$4.50	\$0	\$14,933
December	914	0	100%	221,534	242	\$0.051	\$11,251	952	1.04	\$3.23	3,078	0	\$4.50	\$0	\$14,329
1st half yr	2251	099		1,819,154	625	\$0.055	\$99,928	5,638	1.94	\$4.55	\$25,636	0	\$4.50	\$0	\$125,563
January	1141	0	100%	206,423	181	\$0.044	\$9,064	1,083	0.95	\$3.82	4,136	0	\$4.50	\$0	\$13,200
February	1034	0	100%	216,304	209	\$0.045	\$9,642	1,413	1.37	\$3.67	5,191	0	\$4.50	\$0	\$14,833
March	971	0	100%	238,284	245	\$0.043	\$10,349	1,597	1.64	\$3.30	5,271	0	\$4.50	\$0	\$15,621
April	550	0	100%	255,763	465	\$0.048	\$12,397	1,574	2.86	\$3.56	5.604	0	\$4.50	\$0	\$18,001
Max	157	94	100%	306.863	1,223	\$0.050	\$15,454	1.384	5.51	\$3.17	4.390	0	\$4.50	\$0	\$19.844
June	31	162	100%	358,103	1,855	\$0.048	\$17,025	1,243	6.44	\$3.73	4,631	0	\$4.50	\$0	\$21,656
2nd half yr	3884	256		1,581,741	382	\$0.047	\$73,931	8,294	2.00	\$3.52	\$29,224	0	\$4.50	\$0	\$103,155
TOTALMEAR	6135	916		3,400,895	482	\$0.051	\$173,859	13,932	1.98	\$3.94	\$54,859	0	\$4.50	\$0	\$228,718
Building Data:		1990			Energy Con	sumption to B	Energy Consumption to BTU Conversions								8
Gross Area (ft)2	2	157,446			Electricity =	Electricity = KWH X 3413		B1U°s x 1,000 11,607,254		ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	(ft)3	1,259,568			Natural Gas	Natural Gas = MCF X 102,500	,500	1,428,030			Total E	Total BTU Consumption/Yr		13,035,283,952	
General Notes	.00				Filel Oil = G	Filel Oil = Gallons X 138 690	U	c			0	Gross Area (ft) 2	2	157,446	
	r				A Port		Î				Divi	Divided by 100,000 =	= 01	0.8279	THERMS
					TOT/	TOTAL BTU's x 1,000	00	13,035,284							
COST / SQ. FT. / YEAR	./YEAR		\$1.45												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.13												

09/13/14	
DATE:	
Student Union	2013
BUILDING:	FY YEAR:

	DEGREE DAYS (DD)	(DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			NATURAL GAS	GAS	TOTAL
MONTH	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	ENERGY COST
8															
July	0	403	100%	182,877	454	\$0.052	\$9,541	0	0.00	\$12.51	\$0	26	\$3.78	273	\$9.814
August	ღ	184	100%	228,821	1,224	\$0.062	\$14,166	9	0.03	\$12.51	\$76	31	\$3.78	173	\$14,415
September	145	29	100%	222,609	1,050	\$0.056	\$12,375	294	1.39	\$12.51	\$3,678	49	\$3.78	263	\$16,316
October	414	9		223,750	533	\$0.055	\$12,417	839	2.00	\$12.51	\$10,500	199	\$3.78	842	\$23,759
November	775	0	100%	200,618	259	\$0.051	\$10,156	1,571	2.03	\$12.51	\$19,656	211	\$3.78	892	\$30,703
December	914	0		185,121	203	\$0.051	\$9,402	1,853	2.03	\$12.51	\$23,181	222	\$3.78	718	\$33,301
1st half yr	2251	099		1,243,796	427	\$0.055	\$68,058	4,564	1.57	\$12.51	\$57,091	168	\$4.11	\$3,160	\$128,309
January	1141	0	100%	193,574	170	\$0.044	\$8,500	2,313	2.03	\$12.51	\$28,939	176	\$3.78	672	\$38,110
February	1034	0		205,515	199	\$0.045	\$9,161	2,096	2.03	\$12.51	\$26,225	88	\$3.78	323	\$35,709
March	971	0	100%	223,350	230	\$0.043	\$9,701	1,969	2.03	\$12.51	\$24,627	195	\$3.78	644	\$34,971
April	550	0		223,350	406	\$0.048	\$10,826	1,115	2.03	\$12.51	\$13,949	160	\$3.78	570	\$25,345
May	157	76		179 600	716	\$0.050	\$9 045	318	127	\$12.51	\$3 982	196	\$3.78	622	\$13,649
June	31	162	100%	173,209	897	\$0.048	\$8,235	63	0.33	\$12.51	\$786	164	\$3.78	611	\$9,632
2nd half yr	3884	256		1,198,597	290	\$0.046	\$55,467	7,875	1.90	\$12.51	\$98,508	979	\$3.52	\$3,441	\$157,416
TOTALMEAR	6135	916		2,442,393	346	\$0.051	\$123,525	12,439	1.76	\$12.51	\$155,598	1,747	\$3.78	\$6,602	\$285,725
Building Data:		1959			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2		221,225			Electricity =	Electricity = KWH X 3413	9000	BTU's x 1,000 8,335,886			Energy Utilization Index =	n Index =			
Gross Volume (#)3	ft)3	1,769,800			Steam = M	Steam = M (lbs) X 1,000,000	000	12,438,706		'	Total	Total BTU Consumption/Yr	vtion/Yr	20,953,660,075	
General Notes:					Natural Gas	Natural Gas = MCF X 102,500	;500	179,068				Gross Area (ft) 2	7	221,225	
					Other Fuel			0	2		ā	Divided by 100,000 =	= 00	0.9472	THERMS
					TOT	TOTAL BTU's x 1,000	000	20,953,660							
COST / SQ. FT. / YEAR	./YEAR		\$1.29												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.51												

BUILDING: Sulivan Hall	DATE:
croc	

	DEGREE DAYS (DD)	OAYS (DD)			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OII	ت	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	5,705	14	\$0.052	\$298	0	0.00	\$12.51	\$0	0	\$4.50	0\$	\$298
August	က	184	100%	6,721	36	\$0.062	\$416	0	00:0	\$12.51	\$5	0	\$4.50	\$0	\$421
September	145	29	100%	7,077	33	\$0.056	\$393	18	80.0	\$12.51	\$223	0	\$4.50	\$0	\$616
4040	7	q	1000/	707 7	0	220	0076	ņ	ç	0.10	0000	c	03.76	G	94
October	4	0 (%001	151,1	<u>o</u> ,	\$0.050	8744	- I	21.0	10.716	0000	o (94.50	P	C00.14
November	(1/2	0	100%	6,490	20 I	\$0.051	\$328	362	0.12	\$12.51	51,191	o .	\$4.50	0,5	\$1,519
December	914	0	100%	6,278	7	\$0.051	\$319	112	0.12	\$12.51	\$1,404	0	\$4.50	80	\$1,723
1st half yr	2251	099		40,008	4	\$0.055	\$2,184	276	0.09	\$12.51	\$3,458	0	\$4.50	\$0	\$5,642
January	1141	0	100%	6,485	9	\$0.044	\$285	140	0.12	\$12.51	\$1,753	0	\$4.50	80	\$2.038
February	1034	0	100%	6.638	9	\$0.045	\$296	127	0.12	\$12.51	\$1,589	0	\$4.50	80	\$1.884
March	971	0	100%	862'9	7	\$0.043	\$295	119	0.12	\$12.51	\$1,492	0	\$4.50	\$0	\$1,787
April	550	0	100%	7,303	5	\$0.048	\$354	89	0.12	\$12.51	\$845	0	\$4.50	80	\$1,199
May	157	94	100%	5,677	23	\$0.050	\$286	19	0.08	\$12.51	\$241	0	\$4.50	\$0	\$527
June	31	162	100%	5,721	30	\$0.048	\$272	4	0.02	\$12.51	\$48	0	\$4.50	\$0	\$320
2nd half yr	3884	256		38,621	o	\$0.046	\$1,788	477	0.12	\$12.51	\$5,967	0	\$4.50	\$0	\$7,755
TOTALMEAR	6135	916		78,629	1	\$0.051	\$3,972	753	0.11	\$12.51	\$9,426	0	\$4.50	\$0	\$13,397
Building Data:		1994			Energy Con	sumption to B'	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	13,401			Electricity =	Electricity = KWH X 3413		BTU's x 1,000 268,360		Ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(#)3	107,208			Steam = M	Steam = M (lbs) X 1,000,000	00,	753,491			Total	Total BTU Consumption/Yr	tion/Yr	1,021,851,691	
14					(- In the second of the second	ç	c		ı		Gross Area (ft) 2	2	13,401	ī
Gerieral Notes						pallolls A 136,0	0.60	o			ä	Divided by 100 000 =	= 01	0.7625	THERMS
					Other Fuel			0	200		i	S. Carponia) i
					TOT	TOTAL BTU's x 1,000	000	1,021,852							
COST / SQ. FT. / YEAR	r. / YEAR		\$1.00												

	ELECTRICITY
FY YEAR: 2013	DEGREE DAYS (DD)
FY YEAR:	

8	DEGREE DAYS (DD)	DAYS (DD)			ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	Heating	Cooling	% P.F.	kwh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY
July	0	403	100%	36,082	90	\$0.052	\$1,882	-	0.00	\$4.88	2	0	\$4.50	\$0	\$1,887
August	က	184	100%	28,790	154	\$0.062	\$1,782	0	0.00	#DIV/0i	0	0	\$4.50	\$0	\$1,782
September	145	29	100%	22,566	106	\$0.056	\$1,254	-	0.00	\$5.37	5	0	\$4.50	\$0	\$1,260
October	414	9	100%	20.255	48	\$0.055	\$1,124	0	0.00	#DIV\0i	0	0	\$4.50	\$0	\$1.124
November	775	0	100%	18,407	24	\$0.051	\$932	12	0.02	\$4.23	51	0	\$4.50	\$0	\$983
December	914	0	100%	20,603	23	\$0.051	\$1,046	121	0.13	\$3.23	391	0	\$4.50	\$0	\$1,438
1st half yr	2251	099		146,702	50	\$0.055	\$8,022	135	0.05	\$3.35	\$452	0	\$4.50	\$0	\$8,474
January	1141	0	100%	20,351	18	\$0.044	\$894	135	0.12	\$3.82	516	0	\$4.50	\$0	\$1,409
February	1034	0	100%	20,773	20	\$0.045	\$926	149	0.14	\$3.67	547	0	\$4.50	\$0	\$1,473
March	971	0	100%	21,984	23	\$0.043	\$955	184	0.19	\$3.30	209	0	\$4.50	\$0	\$1,562
April	550	0	100%	24,210	44	\$0.048	\$1,173	154	0.28	\$3.56	548	0	\$4.50	\$0	\$1,722
May	157	94	100%	20,505	82	\$0.050	\$1,033	123	0.49	\$3.17	390	0	\$4.50	\$0	\$1,423
June	31	162	100%	29,405	152	\$0.048	\$1,398	46	0.24	\$3.73	171	0	\$4.50	\$0	\$1,569
2nd half yr	3884	256		137,228	33	\$0.046	\$6,379	791	0.19	\$3.51	\$2,780	0	\$4.50	\$0	\$9,159
TOTALMEAR	6135	916		283,931	40	\$0.051	\$14,400	926	0.13	\$3.49	\$3,232	0	\$4.50	\$0	\$17,632
Building Data:		1959			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	61	19,826			Electricity =	Electricity = KWH X 3413		BTU's x 1,000 969,055		Ā	Energy Utilization Index =	= xapul			
Gross Volume (#)3	(f)3	158,608			Natural Gas	Natural Gas = MCF X 102,500	,500	94,915		1	Total l	Total BTU Consumption/Yr	tion/Yr	1,063,969,797	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	390	0				Gross Area (Ħ) 2	N	19,826	
					Other Fuel			0			ĎÍ.	Divided by 100,000 =	# 0	0.5367	THERMS
					TOT,	TOTAL BTU's x 1,000	000	1,063,970							
COST / SQ. FT. / YEAR	./YEAR		\$0.89												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.10												

DATE: 09/13/14		
University Hall	2013	
BUILDING:	FY YEAR:	

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			NATURAL GAS	GAS	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	295,177	732	\$0.052	\$15,400	0	0.00	\$12.51	\$0	43	\$3.81	210	\$15,610
August	က	184	100%	298,776	1,598	\$0.062	\$18,497	80	0.04	\$12.51	\$101	19	\$3.81	106	\$18,704
September	145	29	100%	307,726	1,452	\$0.056	\$17,107	389	1.83	\$12.51	\$4,865	25	\$3.81	134	\$22,106
October	414	9	100%	317,364	756	\$0.055	\$17,613	1,110	2.64	\$12.51	\$13,889	56	\$3.81	110	\$31,612
November	775	0	100%	296,036	382	\$0.051	\$14,986	2,079	2.68	\$12.51	\$26,000	40	\$3.81	169	\$41,156
December	914	0	100%	357,614	391	\$0.051	\$18,162	2,451	2.68	\$12.51	\$30,664	62	\$3.81	200	\$49,027
1st half yr	2251	099		1,872,693	643	\$0.054	\$101,765	6,037	2.07	\$12.51	\$75,519	215	\$4.32	\$930	\$178,214
January	1141	0	100%	301,173	264	\$0.044	\$13,224	3,060	2.68	\$12.51	\$38,279	74	\$3.81	283	\$51,786
February	1034	0	100%	318,793	308	\$0.045	\$14,211	2,773	2.68	\$12.51	\$34,690	72	\$3.81	264	\$49,165
March	971	0	100%	332,778	343	\$0.043	\$14,454	2,604	2.68	\$12.51	\$32,576	101	\$3.81	333	\$47,363
April	550	0	100%	317,012	576	\$0.048	\$15,365	1,475	2.68	\$12.51	\$18,452	29	\$3.81	210	\$34,027
May	157	94	100%	317,099	1,263	\$0.050	\$15,970	421	1.68	\$12.51	\$5,267	52	\$3.81	165	\$21,402
June	31	162	100%	329,442	1,707	\$0.048	\$15,662	83	0.43	\$12.51	\$1,040	38	\$3.81	142	\$16,844
2nd half yr	3884	256		1,916,298	463	\$0.046	\$88,886	10,417	2.52	\$12.51	\$130,304	396	\$3.53	\$1,397	\$220,588
TOTALMEAR	6135	916		3,788,991	537	\$0.050	\$190,652	16,454	2.33	\$12.51	\$205,823	611	\$3.81	\$2,327	\$398,801
Building Data:		1931			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	292,633			Electricity =	Electricity = KWH X 3413	giesti	12,931,828		-	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(#)3	2,341,064			Steam = M	Steam = M (lbs) X 1,000,000	000	16,453,728			Total	Total BTU Consumption/Yr	tion/Yr	29,448,182,971	
										•		Gross Area (ft) 2	2	292,633	
General Notes:					Natural Gas	Natural Gas = MCF X 102,500	2,500	62,628			ä	- 000 000 Fining	1	1 0063	0000
					Other Fuel			0			5	vided by 100,00	I 2	6000.1	
					TOT	TOTAL BTU's x 1,000	000	29,448,183							

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Heating Cooling Ke F. Keyh Keyh Cost per TOTAL 1000 cubic MrTper Cost per Co	403 Month Work Conting Month Morp or Line Cost per Line ToTAL Lond-sine Get (Mor) ToTAL Lond-sine Cost per Line ToTAL Cost per Line G20 Gallint ToTAL 413 100% 25,430 105 \$1,535 \$1,246		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			NATU	NATURAL GAS			FUEL OII	L.	TOTAL
143 100% 25.330 135 50.062 51.548 1 0.01 55.58 6 6 0 54.50 50 50 50 50 50 50 50	143 100% 25,330 135 50,062 51,548 1 2 0.01 55,58 6 6 6 6 54,50 50 50 50 50 50 50 50	MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY
0 4403 670 85,422 66 80,002 \$1,356 91 \$4,86 15 0 \$4,86 15 0 \$4,96 \$5,90 \$4,90 \$5,00 \$4,90 \$5,00 \$4,40 \$1,00% \$2,400 \$1,00% \$2,400 \$1,00% \$2,400 \$1,00% \$2,400 \$1,00% \$2,400 \$1,00% \$2,400 \$1,00% \$2,400 \$1,00% \$2,400 \$2,	0 4403 100% 55.42 66 50.022 \$1.366 7 0.01 \$4.86 15 0 \$4.56 9 \$4.50 \$5.00 \$4.50 \$4.50 \$4.50 \$5.00 \$4.50 \$4.50 \$4.50 \$5.00 \$4.50 \$4.50 \$4.50 \$5.00 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 \$4.50 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																
144 60 60 60 60 60 60 60	13 1144 100% 25.320 1135 80.002 \$1.546 1 0.01 \$5.54 6 0 \$4450 \$50 145 66 100% 25.320 1136 \$0.006 \$1.246 \$1.246 3 6 \$450 \$50 \$450 \$50 \$60 \$1.240 \$1.240 \$1.20	luly	0	403	100%	26,742	99	\$0.052	\$1,395	က	0.01	\$4.88	15	0	\$4.50	\$0	\$1,410
145 67 100% 22,400 106 \$0.065 \$1,505 21,6	145 67 100% 22,410 106 80.066 \$1,245 3 0.01 \$5.37 16 0.0 \$4.50 \$9.066 \$1,245 3 0.01 \$4.50 \$1.00 \$4.50 \$9.066 \$1,245 \$9.066 \$1,245 \$9.066 \$1,245 \$9.066 \$1,245 \$9.066 \$1,240 \$1,240 \$9.066 \$1,240 \$1,	August	က	184	100%	25,330	135	\$0.062	\$1,568	_	0.01	\$5.58	9	0	\$4.50	\$0	\$1,574
414 6 100% 28,14 69 \$100% \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,606 \$1,706 <th< td=""><td>414 6 100% 28.914 69 \$1.005 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005</td><td>September</td><td>145</td><td>29</td><td>100%</td><td>22,400</td><td>106</td><td>\$0.056</td><td>\$1,245</td><td>က</td><td>0.01</td><td>\$5.37</td><td>16</td><td>0</td><td>\$4.50</td><td>\$0</td><td>\$1,261</td></th<>	414 6 100% 28.914 69 \$1.005 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005 \$1.450 \$1.005	September	145	29	100%	22,400	106	\$0.056	\$1,245	က	0.01	\$5.37	16	0	\$4.50	\$0	\$1,261
1775 100% 100% 27,670 296 50.051 51,401 21 0.03 54.23 89 0 54.56 50 50 22251 2660 100% 166.237 57 50.054 51,790 1736 0.05 53.51 54.84 0 0 54.450 50 1141 0 100% 28,047 27 50.054 51,790 1736 0.05 53.51 54.84 0 54.450 50 1534 0 100% 28,047 27 50.044 51,468 280 292 23.36 1,426 0 24.50 29.045 154 0 100% 0 20.048 50.049 50 20 20 20 20 20 20 155 0 100% 0 20.048 50 20 20 20 20 20 20 157 384 100% 0 20.048 50 20 20 20 20 20 20 157 384 100% 0 20.048 50 20 20 20 20 20 157 384 100% 0 20.048 50 20 20 20 20 20 157 384 100% 0 20.048 50 20 20 20 20 20 158 21 21 21 21 21 21 21 2	775 0 100% 57,670 36 \$0.051 \$14,01 21 60.2 \$42.5 89 0 \$45.50 \$50 \$60 \$45.50 \$60 \$60 \$45.50 \$60	October	414	9	100%	28,914	69	\$0.055	\$1,605	ო	0.01	\$4.23	13	0	\$4.50	\$0	\$1,617
144 0 100% 35.242 39 \$0.051 \$1,790 107 0.12 \$3.23 3.46 0 \$4.50 \$9.0 \$9	144 0 100% 35,242 39 50.054 51,790 107 315 323 346 0 5450 59 50 50 50 50 50 50	lovember	775	0	100%	27,670	36	\$0.051	\$1,401	21	0.03	\$4.23	89	0	\$4.50	\$0	\$1,489
14.1 1.0 1.00% 1.00% 2.00 2.004 51,468 2.62 2.6	1441 0 100% 33424 29 50.044 51.069 136 262 23 23 23 24 24 29 20.045 51.250 239	December	914	0	100%	35,242	39	\$0.051	\$1,790	107	0.12	\$3.23	346	0	\$4.50	\$0	\$2,136
1141 10 100% 33424 29 50.044 51.468 262 0.23 53.82 1.001 0.0 54.50 50.045 51.250 339 0.33 53.87 1.245 0.0 54.50 50.045 50.045 51.250 339 0.33 53.87 1.245 0.0 54.50 50.050 50.045 50	1141 0 100% 33,424 29 \$0.044 \$1,488 262 0.23 \$3.82 1,001 0 \$4.50 \$0.04 971 100% 20 20 30.94 \$1,260 33.99 13.34 0 \$4.50 \$0.0 971 100% 0 \$0.043 \$1,260 30.99 0.39 0.34 0 \$4.50 \$0.0 \$24.50 \$0.0 \$0.0 \$0.00	st half yr	2251	099		166,297	22	\$0.054	\$9,004	138	0.05	\$3.51	\$484	0	\$4.50	\$0	\$9,487
1034 0 100% 28,047 27 \$10,045 \$1,250 339 0.33 \$3.567 1,245 0 \$4.50 \$9.059 \$9.0509 \$9	1034 00 100% 28 047 27 \$0.045 \$1,250 339 0.33 \$3.57 1,245 0 \$4.50 \$8.0 \$8.0 \$9.0	annany	1141	0	100%	33,424	29	\$0.044	\$1,468	262	0.23	\$3.82	1,001	0	\$4.50	\$0	\$2,468
550 0 100% 0 80.043 \$0 401 63.36 1,324 0 \$4.50 \$0 550 0 100% 0 80.048 \$0 0 0 84.50 \$0 </td <td>550 0 100% 0 \$0.043 \$0 401 6.41 \$3.36 1,324 0 \$4.50 \$0 550 0 100% 0 \$0.048 \$0 0 \$4.50 \$4.50 \$0 \$4.50 \$0 \$0 \$4.50 \$0</td> <td>ebruary</td> <td>1034</td> <td>0</td> <td>100%</td> <td>28,047</td> <td>27</td> <td>\$0.045</td> <td>\$1,250</td> <td>339</td> <td>0.33</td> <td>\$3.67</td> <td>1,245</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$2,496</td>	550 0 100% 0 \$0.043 \$0 401 6.41 \$3.36 1,324 0 \$4.50 \$0 550 0 100% 0 \$0.048 \$0 0 \$4.50 \$4.50 \$0 \$4.50 \$0 \$0 \$4.50 \$0	ebruary	1034	0	100%	28,047	27	\$0.045	\$1,250	339	0.33	\$3.67	1,245	0	\$4.50	\$0	\$2,496
550 0 100% 0 50.448 \$10 395 0.34 \$3.56 1,406 0 \$4.50 \$50 31 167 94 100% 0 0 0.00 \$6.00 0 \$4.50 \$50 3884 256 162 1.67 1.53 1.397 0.34 \$5.60 0 0 \$4.50 \$50 6135 916 227,768 32 \$6.044 \$1,397 1,397 0.24 \$5.60 0 \$4.50 \$0 6135 916 227,768 32 \$6.041 \$1,397 1,397 0.22 \$3.56 \$4.976 0 \$4.50 \$0 1 1950 31 \$6.044 \$1,722 1,535 \$3.56 \$5.460 0 \$4.50 \$0 2 \$6.02 \$6.02 \$1,535 \$2.56 \$3.56 \$6.450 \$0 \$4.50 \$0 2 \$6.52 \$6.22 \$6.22 \$6.22	550 0 100% 0 \$50.048 \$50 0395 034 \$3.56 1406 0 \$4.50 \$50 \$6	Aarch	971	0	100%	0	0	\$0.043	\$0	401	0.41	\$3.30	1,324	0	\$4.50	\$0	\$1,324
157 94 100% 0 0 \$0.056 \$0 0 0 0 \$0.000 0 0 \$4.50 \$0 \$0 \$0.000 \$0.0	157 94 100% 0 80.056 \$60	pril	550	0	100%	0	0	\$0.048	\$0	395	0.34	\$3.56	1,406	0	\$4.50	\$0	\$1,406
384 256 100% 0 0 \$50.044 \$2.718 1,397 0.34 \$3.56 \$4.976 0 \$4.50 \$0 6135 916 227,768 32 \$50.054 \$1,722 1,535 0.22 \$3.56 \$54,976 0 \$4.50 \$0 24 0,922 Electricity = KWH X 3413 777,373 Energy Utilization Index = A0.922 Total ENDIS X 138,700 0 Divided by 100,000 = 0.5744 TH CHAIL BIUS X 138,700 2.350,748 TOTAL BIUS X 1,000 2.350,748 1360 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 162 100% 0 50.044 \$2.718 1,397 0.34 \$3.56 \$4.976 0 \$4.50 \$80	/ay	157	94	100%	0	0	\$0.050	\$0	0	0.00	\$0.00	0	0	\$4.50	\$0	\$0
3884 256 61.471 15 \$0.044 \$2.718 1,397 0.34 \$3.56 \$4.976 0 \$4.50 \$0 6135 916 227,768 32 \$0.051 \$11,722 1,535 0.22 \$3.56 \$5.460 0 \$4.50 \$0 2 1950 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = Energy Utilization Index = A0,922 Energy Utilization Index = A0,922	3884 256 61.471 15 \$0.044 \$2.718 1,397 0.34 \$3.56 \$4.976 0 \$4.50 \$0 6135 916 227,768 32 \$0.051 \$11,722 1,535 \$5.460 0 \$4.50 \$0 2 40,922 Energy Consumption to BTU Sx 1,000 177,373 Energy Utilization Index = Aquisar RNH X 3413 777,373 Energy Utilization Index = Aquisar RNH X 3413 250,748,208 (ft)3 327,376 Natural Gas = MCF X 102,500 1,573,375 Total BTU Consumption/Yr 2,350,748,208 :: Fuel Oil = Gallons X 138,700 0 Divided by 100,000 = 0,5744 TH :: TOTAL BTU Sx 1,000 2,350,748 R <td>nue</td> <td>31</td> <td>162</td> <td>100%</td> <td>0</td> <td>0</td> <td>\$0.048</td> <td>\$0</td> <td>0</td> <td>0.00</td> <td>\$0.00</td> <td>0</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$0</td>	nue	31	162	100%	0	0	\$0.048	\$0	0	0.00	\$0.00	0	0	\$4.50	\$0	\$0
1950 Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Utilization Index	1950 Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Utilization Index =	nd half yr	3884	256		61,471	15	\$0.044	\$2,718	1,397	0.34	\$3.56	\$4,976	0	\$4.50	\$0	\$7,694
1950 Energy Consumption to BTU Conversions BTU's x 1 0000 Electricity = KWH X 34.13 T77,373 Fuel Oil = Gallons X 138,700 Other Fuel TOTAL BTU's x 1,000 2,350,748 Energy Utilization Index = Total BTU Consumption/Yr 2,350,748,208 Gross Area (ft) 2 40,922 A0,922 Charle Tuel Oil = Gallons X 138,700 Other Fuel TOTAL BTU's x 1,000 2,350,748	H35 327.376 Energy Consumption to BTU Conversions BTU's x 1,0000 Energy Consumption to BTU Conversions BTU's x 1,0000 Energy Utilization Index = Total BTU Consumption/Yr 2,350,748,208	'OTAL/YEAR	6135	916		227,768	32	\$0.051	\$11,722	1,535	0.22	\$3.56	\$5,460	0	\$4.50	\$0	\$17,181
40,922 Electricity = KWH X 3413 777,373 Energy Utilization Index = 777,373 Energy Utilization Index = 777,373 Energy Utilization Index = 777,373 Energy Utilization Index = 777,375 Total BTU Consumption/YY 2,350,748,208 Energy Utilization Index = 777,375 Total BTU Consumption/YY 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748,208 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (#) 2,350,748 Energy Utilization Index = 7,573,375 Gross Area (40,922 Electricity = KWH X 3413 777,373 Energy Utilization index = 777,373 Energy Utilization index = 777,373 Energy Utilization index = 777,373 Energy Utilization index = 777,375 Total BTU Consumption/YT 2,350,748,208 Energy Utilization index = 777,375 Total BTU Consumption/YT 2,350,748 2,350	suilding Data:		1950			Energy Con:	sumption to B'	ru Conversions								
(#)3 327,376 Natural Gas = MCF X 102,500 1,573,375 Total BTU Consumption/Yr 2,350,748,208 Fuel Oil = Gallons X 138,700 0 Divided by 100,000 = 0.5744 TOTAL BTU's x 1,000 2,350,748	(#)3 327,376 Natural Gas = MCF X 102,500 1,573,375 Total BTU Consumption/Yr 2,350,748,208 Fuel Oil = Gallons X 138,700 0 Divided by 100,000 = 0.5744 TOTAL BTU's x 1,000 2,350,748	eross Area (ft)	6	40,922			Electricity =	KWH X 3413		BIU'S X1,000 777,373		ш	Energy Utilization	= xəpul u			
Gross Area (ft) 2 40,922 Fuel Oil = Gallons X 138,700 0 Divided by 100,000 = 0.5744 Other Fuel 0.5744 TOTAL BTU's x 1,000 2,350,748	Fuel Oil = Gallons X 138,700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Gross Volume ((#)3	327,376			Natural Gas	= MCF X 102	200	1,573,375		'	Total	BTU Consump	tion/Yr	2,350,748,208	ï
AL BTU's x 1,000 2,350,748	0.5744 Divided by 100,000 = 0.5744 O. 2,350,748	Seneral Notes:					Fuel Oil = G	allons X 138,7	00	0				Gross Area (ft)	2	40,922	
							Other Fuel			0			Δ	/ided by 100,00	# 0	0.5744	THERMS
							TOT	*L BTU's x 1,0	00	2,350,748							

09/13/14		
DATE:		
Building		
Westwood Building	2013	
BUILDING:	FY YEAR:	

2	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OII		TOTAL
MONTH	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	ENERGY
83															
July	0	403	100%	41,500	103	\$0.052	\$2,165	22	0.05	\$30.87	679	0	\$4.50	\$0	\$2,844
August	ო	184	100%	41,920	224	\$0.062	\$2,595	2	0.03	\$118.31	592	0	\$4.50	\$0	\$3,187
September	145	29	100%	39,890	188	\$0.056	\$2,218	4	0.02	\$147.04	588	0	\$4.50	\$0	\$2,806
October	414	9	100%	39.890	92	\$0.055	\$2.214	4	0.01	\$146.53	586	0	\$4.50	\$0	\$2.800
November	775	0	100%	47.400	61	\$0.051	\$2.400	37	0.05	\$20.34	753	0	\$4.50	\$0	\$3,152
December	914	0	100%	44,220	48	\$0.051	\$2,246	307	0.34	\$5.57	1,710	0	\$4.50	\$0	\$3,956
1st half yr	2251	099		254,820	88	\$0.054	\$13,837	379	0.13	\$12.95	\$4,908	0	\$4.50	\$0	\$18,745
January	1141	0	100%	35,520	31	\$0.044	\$1,560	752	0.66	\$5.04	3,786	0	\$4.50	\$0	\$5,346
February	1034	0	100%	55,320	54	\$0.045	\$2,466	1,237	1.20	\$4.54	5.613	0	\$4.50	\$0	\$8.079
March	971	0	100%	30,347	31	\$0.043	\$1,318	1,527	1.57	\$4.20	6,412	0	\$4.50	0\$	\$7,730
April	550	0	100%	30,347	55	\$0.048	\$1,471	1,435	2.61	\$4.45	6,386	0	\$4.50	\$0	\$7,857
May	157	94	100%	30,347	121	\$0.050	\$1,528	1,157	4.61	\$4.05	4,683	0	\$4.50	\$0	\$6,211
June	31	162	100%	41,820	217	\$0.048	\$1,988	615	3.19	\$4.76	2,925	0	\$4.50	\$0	\$4,913
2nd half yr	3884	256		223,700	54	\$0.046	\$10,331	6,723	1.62	\$4.43	\$29,806	0	\$4.50	\$0	\$40,137
TOTALMEAR	6135	916		478,520	89	\$0.083	\$39,891	7,102	1.01	\$4.89	\$34,713	0	\$4.50	\$0	\$74,604
Building Data:		1946			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	Q.	271,332			Electricity =	Electricity = KWH X 3413		B1U's×1,000 1,633,189		ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(#)3	2,170,656			Natural Gas	Natural Gas = MCF X 102,500	,500	727,955			Total	Total BTU Consumption/Yr	otion/Yr	2,361,143,760	i
					0	, oct >	00,	c		1		Gross Area (ft) 2	.2	271,332	ī
General Notes.						ruei OII = Gallons A 136,090	080	0			ič	Divided by 100 000 =	- 00	0.0870	THEBMS
					Other Fuel			0	100		5	o'ool ka pania	ı		
					TOT,	TOTAL BTU's x 1,000	000	2,361,144							
COST / SQ. FT. / YEAR	T. / YEAR		\$0.27												

BUILDING:		DATE:	09/13/14
FY YEAR:	2013		

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			NATURAL GAS	3AS	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	604,727	1,501	\$0.052	\$31,549	0	0.00	\$12.51	\$0	•	\$18.46	23	\$31,572
August	က	184	100%	681,842	3,646	\$0.062	\$42,213	c)	0.03	\$12.51	\$65	-	\$18.46	28	\$42,306
September	145	29	100%	413,383	1,950	\$0.056	\$22,981	251	1.18	\$12.51	\$3,134	-	\$18.46	27	\$26,142
October	414	9	100%	382,028	910	\$0.055	\$21,201	715	1.70	\$12.51	\$8,947	~	\$18.46	25	\$30,173
November	775	0	100%	411,258	531	\$0.051	\$20,819	1,339	1.73	\$12.51	\$16,748	-	\$18.46	27	\$37,595
December	914	0	100%	469,143	513	\$0.051	\$23,827	1,579	1.73	\$12.51	\$19,752	•	\$18.46	27	\$43,606
1st half yr	2251	099		2,962,380	1,018	\$0.055	\$162,590	3,889	1.34	\$12.51	\$48,646	9	\$24.94	\$157	\$211,393
January	1141	0	100%	413,403	362	\$0.044	\$18,152	1,971	1.73	\$12.51	\$24,658	2	\$18.46	29	\$42,840
February	1034	0	100%	407,760	394	\$0.045	\$18,176	1,786	1.73	\$12.51	\$22,346	2	\$18.46	30	\$40,552
March	971	0	100%	450,393	464	\$0.043	\$19,562	1,677	1.73	\$12.51	\$20,984	2	\$18.46	29	\$40,576
April	550	0	100%	409,397	744	\$0.048	\$19.843	950	1.73	\$12.51	\$11,886	2	\$18.46	30	\$31,759
Max	157	94	100%	405,449	1.615	\$0.050	\$20.420	271	1.08	\$12.51	\$3,393	4	\$18.46	32	\$23,844
June	3	162	100%	438,302	2,271	\$0.048	\$20,838	54	0.28	\$12.51	\$670	2	\$18.46	30	\$21,538
2nd half yr	3884	256		2,524,704	610	\$0.046	\$116,991	6,710	1.62	\$12.51	\$83,936	12	\$15.06	\$181	\$201,108
TOTALMEAR	6135	916		5,487,084	778	\$0.051	\$279,581	10,599	1.50	\$12.51	\$132,582	18	\$18.46	\$338	\$412,501
Building Data:		1997			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	~:	188,501			Electricity =	Electricity = KWH X 3413		18,727,418		Ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	(f)3	1,508,008			Steam = M	Steam = M (lbs) X 1,000,000	000	10,598,750		ı	Total	Total BTU Consumption/Yr	tion/Yr	29,328,043,919	ī
General Notes:					Natural Gas	Natural Gas = MCF X 102,500	,500	1,876				Gross Area (ft) 2	7	188,501	
					Other Fuel			0			ΔĞ	Divided by 100,000 =	= 00	1.5559	HEKMS
					TOT	TOTAL BTU's x 1,000	000	29,328,044							
COST / SQ. FT. / YEAR	./YEAR		\$2.19												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.23												

BUILDING: FY YEAR:	Center for C 2013	Center for Creative Education 2013	cation											DATE:	09/13/14
	DEGREE DAYS (DD)	(DD) SAYS			ELECTRICITY	CITY			PURCHA	PURCHASED STEAM			FUEL OII		TOTAL
MONTH	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	ENERGY
a e															7
July	0	403	100%	45,726	113	\$0.052	\$2,380	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$2,380
August	က	184	100%	42,690	228	\$0.053	\$2,268	2	0.01	\$12.19	\$29	0	\$4.50	\$0	\$2,298
September	145	29	100%	45,756	216	\$0.056	\$2,568	116	0.55	\$12.19	\$1,410	0	\$4.50	\$0	\$3,978
October	414	9	100%	48,643	116	\$0.055	\$2,658	330	0.79	\$12.19	\$4,025	0	\$4.50	\$0	\$6,683
November	775	0	100%	43,779	56	\$0.053	\$2,342	618	0.80	\$12.19	\$7,535	0	\$4.50	\$0	\$9,877
December	914	0	100%	49,199	54	\$0.055	\$2,693	729	0.80	\$12.19	\$8,886	0	\$4.50	\$0	\$11,579
1st half yr	2251	099		275,793	92	\$0.054	\$14,909	1,795	0.62	\$12.19	\$21,885	0	\$4.50	\$0	\$36,794
January	1141	0	100%	47,873	42	\$0.045	\$2,167	910	0.80	\$12.19	\$11,093	0	\$4.50	\$0	\$13,260
February	1034	0	100%	47,210	46	\$0.047	\$2,229	825	0.80	\$12.19	\$10,053	0	\$4.50	\$0	\$12,282
March	971	0	100%	49,253	51	\$0.044	\$2,159	774	08.0	\$12.19	\$9,440	0	\$4.50	\$0	\$11,599
April	550	0	100%	45,698	83	\$0.051	\$2,309	439	080	\$12.19	\$5,347	0	\$4.50	\$0	\$7,656
May	157	94	100%	42,189	168	\$0.050	\$2,129	125	0.50	\$12.19	\$1,526	0	\$4.50	\$0	\$3,655
June	31	162	100%	48,585	252	\$0.048	\$2,352	25	0.13	\$12.19	\$301	0	\$4.50	0\$	\$2,653
2nd half yr	3884	256		280,808	89	\$0.048	\$13,344	3,097	0.75	\$12.19	\$37,762	0	\$4.50	\$0	\$51,106
TOTAL/YEAR	6135	916		556,601	79	\$0.051	\$28,253	4,892	0.69	\$12.19	\$59,647	0	\$4.50	\$0	\$87,900
Building Data:		2003			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	48,810			Electricity =	Electricity = KWH X 3413		BIU'S X 1,000 1,899,679			Energy Utilization Index =	= mdex =			
Gross Volume (ft)3	(#)3	390,480			Steam = M (Steam = M (lbs) X 1,000,000	001	4,892,135			Total	Total BTU Consumption/Yr	otion/Yr	6,791,814,310	
General Notes:	9				File Oil	Fire Oil = Gallons X 138 690	Uos	c		ı		Gross Area (ft) 2	2	48,810	
					5		3	•			ΙĎ	Divided by 100,000 =	= 00	1.3915	THERMS
					Other Fuel			0							
					TOT,	TOTAL BTU's x 1,000	000	6,791,814							

E: 09/13/14		
DATE:		
Collier Allied Health Building	2013	
BUILDING:	FY YEAR:	

	DECEPEE	יטטי אאט בפטפט			VTICIOTOTIC) A			VIIO	DI IDOLIACED CTEAM			10 13113		
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	M (LBS)	M (Lbs)	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	21.013	52	\$0.052	\$1,094	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$1,094
August	ო	184	100%	80,730	432	\$0.053	\$4,290	5	0.03	\$12.19	29\$	0	\$4.50	\$0	\$4,356
September	145	29	100%	93,917	443	\$0.056	\$5,271	264	1.24	\$12.19	\$3,216	0	\$4.50	\$0	\$8,488
October .	414	9	100%	94,577	225	\$0.055	\$5,168	753	1.79	\$12.19	\$9,183	0	\$4.50	\$0	\$14,351
November	775	0	100%	85,005	110	\$0.053	\$4,547	1,410	1.82	\$12.19	\$17,191	0	\$4.50	\$0	\$21,739
December	914	0	100%	92,397	101	\$0.055	\$5,057	1,663	1.82	\$12.19	\$20,275	0	\$4.50	\$0	\$25,332
1st half yr	2251	099		467,639	161	\$0.054	\$25,427	4,095	1.41	\$12.19	\$49,932	0	\$4.50	\$0	\$75,359
January	1141	0	100%	89,709	79	\$0.045	\$4,060	2,076	1.82	\$12.19	\$25,310	0	\$4.50	\$0	\$29,370
February	1034	0	100%	84,911	82	\$0.047	\$4,009	1,881	1.82	\$12.19	\$22,936	0	\$4.50	\$0	\$26,945
March	971	0	100%	94,977	86	\$0.044	\$4,163	1,767	1.82	\$12.19	\$21,539	0	\$4.50	0\$	\$25,702
April	550	0	100%	95.022	173	\$0.051	\$4.802	1.001	1.82	\$12.19	\$12,200	0	\$4.50	0\$	\$17.002
May	157	94	100%	80,841	322	\$0.050	\$4,079	286	1.14	\$12.19	\$3,483	0	\$4.50	\$0	\$7,562
June	31	162	100%	89,414	463	\$0.048	\$4,328	99	0.29	\$12.19	\$688	0	\$4.50	\$0	\$5,015
2nd half yr	3884	256		534,874	129	\$0.048	\$25,441	7,066	1.71	\$12.19	\$86,156	0	\$4.50	\$0	\$111,597
TOTALMEAR	6135	916		1,002,513	142	\$0.051	\$50,868	11,162	1.58	\$12.19	\$136,088	0	\$4.50	\$0	\$186,956
Building Data:		1996			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
0	_	200				V 2542		B		Ļ	110000000000000000000000000000000000000	1			
Gross Area (π)2	21	111,363			Electricity =	Electricity = KVVH X 3413		3,421,577		ш	energy Utilization Index =	= xapu			
Gross Volume (ft)3	(ft)3	890,904			Steam = M (Steam = M (lbs) X 1,000,000	000	11,161,705		J	Total	Total BTU Consumption/Yr	ion/Yr	14,583,282,335	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	069	0				Gross Area (π) ∠		505,111	
					Other Fuel			0			ΔÍΩ	Divided by 100,000 =	 	1.3095	HEKMS
					TOT	TOTAL BTU's x 1,000	000	14,583,282							
COST / SQ. FT. / YEAR	./YEAR		\$1.68												
WATER / SQ. FT. / YEAR	-T. / YEAR		\$0.07												

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			PURCHA.	PURCHASED STEAM			FUEL OIL	IL,	TOTAL
MONTH	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	ENERGY
July	0	403	100%	16,594	4	\$0.052	\$864	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$864
August	က	184	100%	16,000	98	\$0.053	\$850	7	0.01	\$12.19	\$26	0	\$4.50	\$0	\$876
September	145	29	100%	16,000	22	\$0.056	\$898	104	0.49	\$12.19	\$1,270	0	\$4.50	\$0	\$2,168
October	414	9	100%	16,000	38	\$0.055	\$874	297	0.71	\$12.19	\$3,626	0	\$4.50	\$0	\$4,501
November	775	0	100%	16,000	21	\$0.053	\$856	222	0.72	\$12.19	\$6,788	0	\$4.50	\$0	\$7,644
December	914	0	100%	73,288	80	\$0.055	\$4,011	657	0.72	\$12.19	\$8,006	0	\$4.50	\$0	\$12,017
1st half yr	2251	099		153,882	53	\$0.054	\$8,353	1,617	0.56	\$12.19	\$19,717	0	\$4.50	0\$	\$28,070
January	1141	0	100%	65,445	22	\$0.045	\$2,962	820	0.72	\$12.19	\$9,994	0	\$4.50	\$0	\$12,957
February	1034	0	100%	90,048	87	\$0.047	\$4,252	743	0.72	\$12.19	\$9,057	0	\$4.50	\$0	\$13,309
March	971	0	100%	104,167	107	\$0.044	\$4,566	869	0.72	\$12.19	\$8,505	0	\$4.50	\$0	\$13,071
April	550	0	100%	95,021	173	\$0.051	\$4,802	395	0.72	\$12.19	\$4,818	0	\$4.50	\$0	\$9,619
lay	157	94	100%	88,735	354	\$0.050	\$4,478	113	0.45	\$12.19	\$1,375	0	\$4.50	\$0	\$5,853
June	31	162	100%	101,591	526	\$0.048	\$4,917	22	0.12	\$12.19	\$272	0	\$4.50	\$0	\$5,189
2nd half yr	3884	256		545,007	132	\$0.048	\$25,976	2,790	0.67	\$12.19	\$34,021	0	\$4.50	\$0	\$59,997
TOTALMEAR	6135	916		688'869	66	\$0.051	\$34,329	4,408	0.63	\$12.19	\$53,738	0	\$4.50	\$0	\$88,067
Building Data:		1981			Energy Con:	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	43,975			Electricity =	Electricity = KWH X 3413		2,385,308		Ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	(#)3	351,800			Steam = M (Steam = M (lbs) X 1,000,000	000	4,407,532		•	Total	Total BTU Consumption/Yr	tion/Yr	6,792,840,238	í
General Notes:	o.				Fuel Oil = G	Fuel Oil = Gallons X 138,690	990	0				Gross Area (ft) 2	2	43,975	
					Other Fuel			0	300		ā	Divided by 100,000 =	= 00	1.5447	THERMS

\$2.00

BUILDING: FY YEAR:	Dowling Ha 2013	Dowling Hall and Morse Center 2013	Center											DATE:	: 09/13/14
	DEGREE	DEGREE DAYS (DD)	,		ELECTRICITY	СІТУ			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY
								ï			1	į	1	1100	
July	0	403	100%	634,447	1,574	\$0.052	\$33,017	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$33,017
August	ෆ	184	100%	549,447	2,938	\$0.053	\$29,196	12	90.0	\$12.19	\$148	0	\$4.50	\$0	\$29,344
September	145	29	100%	539,957	2,547	\$0.056	\$30,307	287	2.77	\$12.19	\$7,152	0	\$4.50	\$0	\$37,459
October	414	œ	100%	484.117	1.153	\$0.055	\$26.452	1.675	3.99	\$12.19	\$20.419	0	\$4.50	08	\$46.871
November	775	0	100%	415,918	537	\$0,053	\$22,250	3,135	4.05	\$12.19	\$38,225	0	\$4.50	80	\$60,475
December	914	0	100%	498,244	545	\$0.055	\$27,270	3,697	4.05	\$12.19	\$45,080	0	\$4.50	\$0	\$72,351
1st half yr	2251	099		3,122,130	1,073	\$0.054	\$168,492	9,106	3.13	\$12.19	\$111,024	0	\$4.50	80	\$279,516
January	1141	0	100%	468,651	411	\$0.045	\$21,212	4,616	4.05	\$12.19	\$56,277	0	\$4.50	\$0	\$77,489
February	1034	0	100%	433,892	420	\$0.047	\$20,486	4,183	4.05	\$12.19	\$50,999	0	\$4.50	\$0	\$71,485
March	971	0	100%	482,797	497	\$0.044	\$21,161	3,928	4.05	\$12.19	\$47,892	0	\$4.50	\$0	\$69,052
April	550	0	100%	478,072	869	\$0.051	\$24,158	2,225	4.05	\$12.19	\$27,127	0	\$4.50	\$0	\$51,285
May	157	94	100%	545,707	2,174	\$0.050	\$27,537	635	2.53	\$12.19	\$7,744	0	\$4.50	\$0	\$35,281
June	31	162	100%	650,328	3,370	\$0.048	\$31,477	125	0.65	\$12.19	\$1,529	0	\$4.50	\$0	\$33,006
2nd half yr	3884	256		3,059,447	739	\$0.048	\$146,031	15,712	3.80	\$12.19	\$191,567	0	\$4.50	0\$	\$337,598
TOTALMEAR	6135	916		6,181,577	877	\$0.051	\$314,522	24,818	3.52	\$12.19	\$302,591	0	\$4.50	\$0	\$617,114
Building Data:		1977			Energy Con	sumption to BT	Energy Consumption to BTU Conversions								
								BTU's x 1,000		,					
Gross Area (ft)2	2	247,616			Electricity =	Electricity = KWH X 3413		21,097,722		ш	Energy Utilization Index =	ndex =			
Gross Volume (ft)3	(ft)3	1,980,928			Steam = M (Steam = M (lbs) X 1,000,000	00	24,818,089		'	Total	Total BTU Consumption/Yr	tion/Yr	45,915,811,303	ĩ
General Notes:	200				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0			_	Gross Area (ft) 2	21	247,616	
											Div	Divided by 100,000 =	= 0	1.8543	THERMS
					Other Fuel			0							
					TOT/	TOTAL BTU's x 1,000	00	45,915,811							
COST / SQ. FT. / YEAR	./YEAR		\$2.49												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.25												

Michael Part Mich	Control Cont	BUILDING: FY YEAR:	Facilities Support 2013	pport												DATE:	: 09/13/14
Heating Cooling Ke Fi Wyth Wyth part Cooling With part Cooling With part Cooling With part Cooling With part With part Cooling With part Wit	Hamile Cooling We P. We P. We P. We P. Cost Per Total Miles		DEGREE	(DD) AYS			ELECTRI	СПУ			PURCHA	SED STEAM			FUEL OI	F	TOTAL
414 100% 17736 66 \$1008 \$1219 \$1519 \$16 \$1460<	144 100% 177556 66 80.0656 81.383 1 0 0 0 17.189 1 0 0 0 0 0 0 0 0 0	MONTH	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	ENERGY
144 100% 1756 66 50.062 51.283 0 0.01 512.19 516 0 54.50 59 54.50 59 59 59 59 59 59 59	0 4403 100% 455 6 6 6 6 50.002 55 133 3 6 0 0 0 512.19 500 512.19 570 0 512.19																
14 100% 17,735 96 80.053 8942 1 0 0 15,129 816 0 44.50 80 80 80 80 80 80 80	3 184 100% 17735 95 50.065 5842 1 64 0.01 \$12.19 \$16 0.04 \$4450 \$80 144 6 100% 17766 86 \$0.066 \$1,008 64 \$12.19 \$27.29 0 \$450 \$80 775 0 100% 16730 17 \$0.065 \$897 341 0.44 \$12.19 \$24.20 0 \$450 \$80 775 0 100% 16776 17 \$0.064 \$850 341 \$61.19 \$21.19 \$24.20 0 \$450 \$80 2551 660 100% 16776 17 \$0.064 \$871 427 0.44 \$12.19 \$2450 \$80	July	0	403	100%	26,576	99	\$0.052	\$1,383	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$1,383
145 67 100% 17,965 85 80.056 \$1,006 64 0.20 \$12,10 \$778 0 84.50 \$90	145 67 100% 17,965 86 \$0.066 \$1,006 64 0.20 \$12,19 \$17,29 0.45 \$17,29 0.45 \$17,29 0.45 \$17,29 0.45 \$17,29 0.45 \$17,29 0.45 0	August	က	184	100%	17,735	92	\$0.053	\$942	-	0.01	\$12.19	\$16	0	\$4.50	\$0	\$958
414 6 100% 16,553 40 5915 182 642 51.19 51.219 52.21 0 54.50 59.0 1474 0.0 100% 13,035 17 50.055 5887 341 51.19 54.450 0 54.50 50.055 5887 341 51.19 54.450 0 54.50 50.055 55.80 50.055 58.80 58.80 0 54.20 0 54.50 50.055 55.80 0 54.50 0 54.	414 6 100% 16,753 40 \$16,753 40 \$10,85 \$15,16 \$12,10 <th< td=""><td>September</td><td>145</td><td>29</td><td>100%</td><td>17,965</td><td>82</td><td>\$0.056</td><td>\$1,008</td><td>64</td><td>0.30</td><td>\$12.19</td><td>8778</td><td>0</td><td>\$4.50</td><td>\$0</td><td>\$1,786</td></th<>	September	145	29	100%	17,965	82	\$0.056	\$1,008	64	0.30	\$12.19	8778	0	\$4.50	\$0	\$1,786
775 0 100% 13035 17 \$0.063 \$867 341 044 \$1159 \$4416 \$450 \$450 \$466 \$50 2251 600 100% 15716 17 \$0.055 \$860 402 0.44 \$12.19 \$4450 \$650 \$660 \$450 \$660	775 0 100% 13.035 17 \$0.055 \$887 341 0.44 \$12.19 \$4,450 0 \$4450 \$80 \$80 \$80 \$80 \$100% \$15,716 \$100% \$15,716 \$100% \$15,716 \$100% \$15,716 \$100%	October	414	9	100%	16,753	40	\$0.055	\$915	182	0.43	\$12.19	\$2,221	0	\$4.50	\$0	\$3,136
144 0 100% 15.716 17 18.0056 18.00 102 19.00	144 0 100% 16,716 17 50,045 5860 402 0.44 512.19 54,903 0.4 512.09 596 5	November	775	0	100%	13,035	17	\$0.053	269\$	341	0.44	\$12.19	\$4,158	0	\$4.50	\$0	\$4,855
2251 660 461 77780 55.807 990 0.34 \$12.076 61.2076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.076 \$12.19 \$12.	1441 0.0 100% 1.0 1.	Secember	914	0	100%	15,716	17	\$0.055	\$860	402	0.44	\$12.19	\$4,903	0	\$4.50	\$0	\$5,763
1414 0 100% 16,286 14 \$0.045 \$177 \$60.24 \$12.19 \$12.19 \$15.19 \$15.19 \$15.19 \$15.19 \$15.29 \$10.29	1141 0 100% 16,286 14 \$0.045 \$737 502 0.44 \$12.19 \$6,121 0 \$450 \$6 9971 100% 17,153 17 \$0.044 \$871 455 0.44 \$12.19 \$6,529 0 \$450 \$6 9971 100% 17,050 \$0.044 \$871 425 0.44 \$12.19 \$6,539 0 \$450 \$6 157 94 \$0.048 \$1,169 6 6 6 6 54,20 0 \$450 \$6 157 94 \$0.048 \$1,469 14 0.07 \$12.19 \$6,209 0 \$450 \$6 \$	st half yr	2251	099		107,780	37	\$0.054	\$5,807	066	0.34	\$12.19	\$12,076	0	\$4.50	\$0	\$17,882
1034 0 100% 17,153 17 \$0.047 \$810 455 0.44 \$12.19 \$5.547 0 \$4.50 \$9.095 \$9.095 \$9.095 \$9.094 \$9.1152 \$9.295 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095 \$9.295 \$9.095	1034 0 100% 17,153 17 \$0.044 \$810 455 0.44 \$12.19 \$55.547 0 \$4.50 \$9	annary	1141	0	100%	16,286	4	\$0.045	\$737	502	0.44	\$12.19	\$6,121	0	\$4.50	\$0	\$6,858
550 0 100% 22,737 41 \$0.044 \$17.152 242 0.44 \$12.19 \$5.209 0 \$4.50 \$0 550 0 100% 22,737 41 \$0.051 \$1,152 242 0.44 \$12.19 \$2,560 0 \$4.50 \$0 157 94 100% 23,710 94 \$0.050 \$1,196 69 0.28 \$12.19 \$2560 0 \$4.50 \$0 3884 162 100% \$3,710 94 \$0.048 \$1,469 1,709 0.41 \$12.19 \$26.80 0 \$4.50 \$0 3884 256 30,343 157 \$0.048 \$6.235 1,709 0.41 \$12.19 \$20.836 0 \$4.50 \$0 6135 916 30,541 \$12,041 \$1,099 0.38 \$12.19 \$20,836 0 \$4.50 \$0 1383 11 1983 1 10.04 \$12.19 \$12.1	550 0 100% 12,865 20 \$0.044 \$12.19 \$52.09 0 \$4.50 \$50 \$6 \$6 \$6.208 \$1.19 \$52.09 0 \$4.50 \$50 \$6 \$6 \$6 \$6 \$6 \$1.19 \$2.950 0 \$4.50 \$50 \$6 \$6 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.19 \$6.29 \$1.10 \$1.10 \$	ebruary	1034	0	100%	17,153	17	\$0.047	\$810	455	0.44	\$12.19	\$5,547	0	\$4.50	\$0	\$6,357
550 0 100% 22,797 41 \$0.051 \$1,152 242 0.44 \$12.19 \$2,350 0 \$4,50 \$50 157 94 100% 23,710 94 \$0.048 \$1,469 14 0.07 \$12.19 \$842 0 \$4,50 \$0 3884 162 100% 30,443 \$1,469 1,709 0.41 \$12.19 \$166 0 \$4,50 \$0 6135 916 237,834 34 \$0.048 \$6,235 1,709 0.41 \$12.19 \$20,835 0 \$4,50 \$0	550 0 100% 22.797 41 \$0.051 \$1.152 242 0.44 \$12.19 \$2.960 0 \$4.50 \$0 31 4 100% 23,710 94 \$0.050 \$1.196 69 0.28 \$12.19 \$842 0 \$4.50 \$0 3864 100% 23,710 94 \$0.068 \$1.366 1.709 0.41 \$12.19 \$166 0 \$4.50 \$0 <td>arch</td> <td>971</td> <td>0</td> <td>100%</td> <td>19,865</td> <td>20</td> <td>\$0.044</td> <td>\$871</td> <td>427</td> <td>0.44</td> <td>\$12.19</td> <td>\$5,209</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$6,080</td>	arch	971	0	100%	19,865	20	\$0.044	\$871	427	0.44	\$12.19	\$5,209	0	\$4.50	\$0	\$6,080
157 94 100% 23710 94 \$0.050 \$1,196 69 0.28 \$12.19 \$1842 0 \$4.50 \$80	157 94 100% 23710 94 \$0.050 \$1,196 69 0.28 \$12.19 \$1842 0 \$4.50 \$80 \$80 \$180 \$1.469 14 0.07 \$12.19 \$1842 0 \$4.50 \$80 \$80 \$80 \$1.469 14 0.07 \$12.19 \$1.66 0 \$4.50 \$80 \$80 \$80 \$1.469 \$1.709 \$1.709 \$1.219	pril	220	0	100%	22,797	1	\$0.051	\$1,152	242	0.44	\$12.19	\$2,950	0	\$4.50	0\$	\$4,102
31 162 100% 30,343 157 \$0.048 \$1,469 14 0,07 \$12.19 \$166 0 \$4.50 \$0 3884 256 130,154 31 \$0.048 \$6,235 1,709 0.41 \$12.19 \$20,836 0 \$4.50 \$0 6135 916 237,934 34 \$0.051 \$12,041 2,689 0.38 \$12.19 \$20,836 0 \$4.50 \$0 2 26,932 Energy Consumption to BTU Conversions BTU's x 1,000 B12,069 Energy Utilization Index = AGreen (H) 2 \$1,1412,779	31 162 100% 30,343 157 \$0.048 \$1,469 14 0.07 \$12.19 \$166 0 \$4.50 \$0 3884 256 130,154 31 \$0.048 \$6,235 1,709 0,41 \$12.19 \$20,836 0 \$4.50 \$0 6135 916 237,934 34 \$0.051 \$12,041 2,689 0,38 \$12.19 \$32,911 0 \$4.50 \$0 2 6,932 Electricity = KWH X 34.13 812,069 Energy Utilization Index = AGross Area (ft) 2 26,932 (ft) 2 26,932 Fuel Oil = Gallons X 138,690 0 0 Divided by 100,000 = 1,3038 TH TOTAL BTU's x 1,000 3,511,413	ay	157	94	100%	23,710	94	\$0.050	\$1,196	69	0.28	\$12.19	\$842	0	\$4.50	\$0	\$2,039
3884 256 130,154 31 \$6,235 1,709 0.41 \$12.19 \$20,836 0 \$4,50 \$6 6135 916 237,934 34 \$0.051 \$12,041 2,689 0.38 \$12.19 \$32,911 0 \$4,50 \$6 2 26,932 Energy Consumption to BTU Conversions BTU sx 1,000 BTU sx 1,000 Energy Utilization Index = Agree (ft) 2 Agross Area (ft) 2 26,932 (ft)3 215,456 Steam = M (lbs) X 1,000,000 0 Agross Area (ft) 2 26,932 : Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,3038 TH TOTAL BTU's x 1,000 3,511,413 3,511,413	3884 256 100,154 31 \$0.048 \$6,235 1,709 0.41 \$12.19 \$20,836 0 \$4,50 \$6 6135 916 237,934 34 \$0.051 \$12,041 2,699 0.38 \$12.19 \$20,836 0 \$4,50 \$6 2 56,932 Electricity = KWH X 3413 B12,069 26,932 Energy Utilization Index = Agrees Area (#) 2 2,699,344 TOtal BTU Consumption/Yr 3,511,412,779 3,511,412,779 26,932 TH (#)3 215,456 Steam = M (lbs) X 1,000,000 2,699,344 0 Total BTU Consumption/Yr 3,511,412,779 26,932 TH :: TOTAL BTU's x 1,000 3,511,413 3,511,413 TH TOTAL BTU's x 1,000 3,511,413 TH TH \$1,3038 TH	ne	31	162	100%	30,343	157	\$0.048	\$1,469	4	0.07	\$12.19	\$166	0	\$4.50	\$0	\$1,635
6135 916 237,934 34 \$0.051 \$12,041 \$2,689 0.38 \$12.19 \$32,911 0 \$4,50 \$50 2 26,932 Electricity = KWH X 3413 R12,069 R12,069 Energy Utilization Index = Total BTU Consumption/YY 3,511,412,779 (f)3 215,456 Steam = M (lbs) X 1,000,000 2,689,344 Total BTU Consumption/YY 3,511,412,779 : Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,3038 Th : Other Fuel 3,511,413 TOTAL BTU's x 1,000 3,511,413	1983 Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Utilization Index	nd half yr	3884	256		130,154	31	\$0.048	\$6,235	1,709	0.41	\$12.19	\$20,836	0	\$4.50	\$0	\$27,071
1983 Energy Consumption to BTU Conversions BTU's x 1,000 26,932 Electricity = KWH X 3413 812,069 Energy Utilization Index = Steam = M (lbs) X 1,000,000 2,699,344 Total BTU Consumption/Yr 3,511,412,779	1983 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Electricity = KWH X 3413 B12,069 Energy Utilization Index = Steam = M (lbs) X 1,000,000 2,699,344 Total BTU Consumption/Yr 3,511,412,779 Gross Area (ft) 2 26,932	OTALMEAR	6135	916		237,934	34	\$0.051	\$12,041	2,699	0.38	\$12.19	\$32,911	0	\$4.50	\$0	\$44,953
2 26,932 Electricity = KWH X 3413 B12,069 Energy Utilization Index = 812,069 Steam = M (lbs) X 1,000,000 2,699,344 Total BTU Consumption/Yr 3,511,412,779 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,3038 TOTAL BTU's x 1,000 3,511,413	2 26,932 Electricity = KWH X 3413 B12,069 Energy Utilization Index = R12,069 Steam = M (lbs) X 1,000,000 2,699,344 Total BTU Consumption/Yr 3,511,412,779 Gross Area (ft) 2 26,932 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,3038 TOTAL BTU's x 1,000 3,511,413	uilding Data:		1983			Energy Con	sumption to B	TU Conversions								
(ft)3 215,456 Steam = M (lbs) X 1,000,000 2,699,344 Total BTU Consumption/Yr 3,511,412,779 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,3038 Other Fuel TOTAL BTUs x 1,000 3,511,413	(#)3 215,456 Steam = M (lbs) X 1,000,000 2,699,344 Total BTU Consumption/Yr 3,511,412,779 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1,3038 Chher Fuel 0 3,511,413	iross Area (ft);	61	26,932			Electricity =	KWH X 3413		812,069		ш	Energy Utilization	= wapul u			
TOTAL BTU's x 1,000 3,511,413	TOTAL BTU's x 1,000 3,511,413 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 1.3038	iross Volume	(ft)3	215,456			Steam = M ((lbs) X 1,000,0	000	2,699,344		•	Total	BTU Consum	ption/Yr	3,511,412,779	Ĩ
0	1.3038 TAL BTU's x 1,000 3,511,413	eneral Notes:					Fuel Oil = G	allons X 138,¢	069	0			- ä	Gross Area (#)	7 5	26,932	C L F
							Other Fuel			0			ń	vided by 100,0	II 000	1.5058	HEKIND
							TOT,	AL BTU's x 1,0	000	3,511,413							

Ö	Glendale Medical Center	DATE:	09/13/14
	2013		

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OIL	98	TOTAL
MONTH	Heating	Cooling	% P.F.	kwh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY
ē;															50
July	0	403	100%	52,838	131	\$0.052	\$2,750	25	90.0	\$9.33	233	0	\$4.50	\$0	\$2,983
August	က	184	100%	45,858	245	\$0.053	\$2,437	21	0.11	\$10.13	213	0	\$4.50	\$0	\$2,649
September	145	29	100%	45,397	214	\$0.056	\$2,548	20	60.0	\$10.10	202	0	\$4.50	\$0	\$2,750
October	414	9	100%	34.645	82	\$0.055	\$1.893	17	0.04	\$10.58	180	0	\$4.50	90	\$2.073
November	775	0	100%	29,864	39	\$0.053	\$1,598	22	0.03	\$9.81	216	0	\$4.50	\$0	\$1,813
December	914	0	100%	31,109	34	\$0.055	\$1,703	30	0.03	\$7.54	226	0	\$4.50	\$0	\$1,929
1st half yr	2251	099		239,711	82	\$0.054	\$12,928	135	0.05	\$9.41	\$1,270	0	\$4.50	\$0	\$14,198
January	1141	0	100%	25,214	22	\$0.045	\$1,141	63	90.0	\$5.86	369	0	\$4.50	\$0	\$1,510
February	1034	0	100%	32,349	31	\$0.047	\$1,527	104	0.10	\$4.46	464	0	\$4.50	\$0	\$1,991
March	971	0	100%	32,814	34	\$0.044	\$1,438	103	0.11	\$4.44	457	0	\$4.50	\$0	\$1,895
April	550	0	100%	38,264	70	\$0.051	\$1,934	103	0.19	\$4.58	472	0	\$4.50	\$0	\$2,406
May	157	94	100%	41,494	165	\$0.050	\$2,094	82	0.33	\$4.12	338	0	\$4.50	\$0	\$2,432
June	31	162	100%	43,140	224	\$0.048	\$2,088	42	0.22	\$5.12	215	0	\$4.50	\$0	\$2,303
2nd half yr	3884	256		213,275	52	\$0.048	\$10,222	497	0.12	\$4.66	\$2,314	0	\$4.50	\$0	\$12,536
TOTALMEAR	6135	916		452,986	64	\$0.051	\$23,150	632	0.09	\$5.67	\$3,584	0	\$4.50	\$0	\$26,734
Building Data:		1989			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	40,516			Electricity =	Electricity = KWH X 3413		1,546,041		Ш	Energy Utilization Index =	u dex =			
Gross Volume (ft)3	(#)3	324,127			Natural Gas	Natural Gas = MCF X 102,500	,500	64,780		ı	Total E	Total BTU Consumption/Yr	ion/Yr	1,610,821,218	
General Notes:	uv				Fuel Oil = G	Fuel Oil = Gallons X 138,690	990	0			U	Gross Area (ft) 2		40,516	
					Other Fuel			0			Divi	Divided by 100,000 =	 	0.3976	THERMS
					TOT,	TOTAL BTU's x 1,000	000	1,610,821							
COST / SQ. FT. / YEAR	r./YEAR		\$0.66												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.07												

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	DEGREE	DEGREE DAYS (DD)			FIECTRICITY	CITY			PLIRCHAS	PLIRCHASED STEAM			FIFE		INTOT
MONTH	Heating	Cooling	% P.F.	kvvh	kWh per DD	Cost per kVVh	TOTAL	M (LBS)	M (Lbs) per DD	Cost per M(Lbs)	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403		1,513,727	3,756	\$0.052	\$78,775	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$78,775
August	ო	184	100%	1,275,651	6,822	\$0.053	\$67,784	12	0.07	\$12.19	\$152	0	\$4.50	\$0	\$67,937
September	145	29		1,144,647	5,399	\$0.056	\$64,247	604	2.85	\$12.19	\$7,361	0	\$4.50	80	\$71,609
October	414	9	100%	739,053	1,760	\$0.055	\$40,381	1,724	4.10	\$12.19	\$21,018	0	\$4.50	80	\$61,399
November	775	0	100%	558,684	721	\$0.053	\$29,887	3,227	4.16	\$12.19	\$39,345	0	\$4.50	\$0	\$69,233
December	914	0	100%	640,214	200	\$0.055	\$35,040	3,806	4.16	\$12.19	\$46,402	0	\$4.50	80	\$81,442
1st half yr	2251	099		5,871,976	2,017	\$0.054	\$316,116	9,373	3.22	\$12.19	\$114,279	0	\$4.50	\$0	\$430,395
January	1141	0	100%	585,170	513	\$0.045	\$26,486	4,751	4.16	\$12.19	\$57,926	0	\$4.50	80	\$84,412
February	1034	0	100%	544,090	526	\$0.047	\$25,689	4,305	4.16	\$12.19	\$52,494	0	\$4.50	80	\$78,183
March	971	0	100%	698'609	628	\$0.044	\$26,730	4,043	4.16	\$12.19	\$49,296	0	\$4.50	80	\$76,026
April	550	0		719,533	1,308	\$0.051	\$36,359	2,290	4.16	\$12.19	\$27,922	0	\$4.50	80	\$64,281
May	157	94		1,035,610	4.126	\$0,050	\$52,259	654	2.60	\$12.19	\$7,971	0	\$4.50	80	\$60,230
June	31	162	100%	1,406,984	7,290	\$0.048	\$68,100	129	0.67	\$12.19	\$1,574	0	\$4.50	80	\$69,673
2nd half yr	3884	256		4,901,256	1,184	\$0.048	\$235,623	16,173	3.91	\$12.19	\$197,183	0	\$4.50	\$0	\$432,806
TOTALMEAR	6135	916		10,773,232	1,528	\$0.051	\$551,739	25,546	3.62	\$12.19	\$311,462	0	\$4.50	\$0	\$863,201
Building Data:		1973			Energy Con	sumption to B	Energy Consumption to BTU Conversions	800 F.:							
Gross Area (ft)2	61	254,875			Electricity =	Electricity = KWH X 3413	ggann	36,769,041		Ш	Energy Utilization Index =	n dex =			
Gross Volume (ft)3	(#)3	2,039,000			Steam = M (Steam = M (lbs) X 1,000,000	000	25,545,645		ı	Total	Total BTU Consumption/Yr	tion/Yr	62,314,685,824	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	390	0			~	Gross Area (ft) 2	2	254,875	
					Other Fuel			0			ΣiΩ	Divided by 100,000 =	= 0	2.4449	THERMS
					TOT	TOTAL BTU's x 1,000	000	62,314,686							
COST / SQ. FT. / YEAR	./YEAR		\$3.39												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.00												

DATE:	
care Center	
Heatherdowns Educare Center 2013	
BUILDING: FY YEAR:	

MONTH Hea	Heating Cooling	_							20101010					200
ber		% 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	ENERGY COST
per														
per		100%	25,000	62	\$0.052	\$1,301	309	0.77	\$5.28	1,631	0	\$4.50	\$0	\$2,932
per	3 184	100%	25,000	134	\$0.053	\$1,328	526	2.81	\$4.80	2,523	0	\$4.50	\$0	\$3,851
	145 67	100%	25,000	118	\$0.056	\$1,403	099	3.11	\$4.49	2,961	0	\$4.50	\$0	\$4,364
October 4		100%	15,900	38	\$0.055	\$869	462	1.10	\$4.61	2,129	0	\$4.50	\$0	\$2,998
er	775 0	100%	17,800	23	\$0.053	\$952	297	0.38	\$5.16	1,533	0	\$4.50	\$0	\$2,486
9		100%	17,124	19	\$0.055	\$937	158	0.17	\$5.12	808	0	\$4.50	\$0	\$1,747
1st half yr 22	2251 660		125,824	43	\$0.054	\$6,791	2,412	0.83	\$4.80	\$11,587	0	\$4.50	\$0	\$18,378
January 11		100%	16,447	4	\$0.045	\$744	288	0.25	\$5.09	1,466	0	\$4.50	\$0	\$2,210
	1034 0	100%	16,789	16	\$0.047	\$793	350	0.34	\$4.75	1,663	0	\$4.50	\$0	\$2,456
		100%	18,064	19	\$0.044	\$792	359	0.37	\$4.49	1,612	0	\$4.50	\$0	\$2,404
		100%	16,952	31	\$0.051	\$857	352	0.64	\$4.72	1,663	0	\$4.50	80	\$2,519
May 1	157 94	100%	18,512	74	\$0.050	\$934	321	1.28	\$4.29	1,376	0	\$4.50	\$0	\$2,310
		100%	19,225	100	\$0.048	\$931	213	1.10	\$4.94	1,053	0	\$4.50	\$0	\$1,983
2nd half yr 36	3884 256		105,989	26	\$0.048	\$5,050	1,883	0.45	\$4.69	\$8,833	0	\$4.50	\$0	\$13,883
TOTAL/YEAR 61	6135 916		231,813	33	\$0.051	\$23,465	4,295	0.61	\$4.75	\$20,420	0	\$4.50	\$0	\$43,885
Building Data:	1965			Energy Con	sumption to B'	Energy Consumption to BTU Conversions	2000 to 2011 Ed							
Gross Area (ft)2	36,400			Electricity =	Electricity = KWH X 3413		791,176		Ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	291,200			Natural Gas	Natural Gas = MCF X 102,500	,500	440,238			Total	Total BTU Consumption/Yr	tion/Yr	1,231,413,563	i
General Notes:				Fuel Oil = G	Fuel Oil = Gallons X 138,700	00,	0				Gross Area (ft) 2	2	36,400	
				Other Fuel			0			ō	Divided by 100,000 =	= 00	0.3383	THERMS
				TOT,	TOTAL BTU's x 1,000	000	1,231,414							

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## P.F. KWN KWN per Cost per TOTAL LOW 1,602,088 3,975 \$0.052 \$83,374 100% 1,602,088 3,975 \$0.052 \$83,374 100% 1,162,707 5,485 \$0.055 \$84,839 100% 1,186,683 2,825 \$0.055 \$84,839 100% 995,991 1,090 \$0.055 \$49,902 100% 995,991 1,090 \$0.055 \$49,902 100% 995,999 845 \$0.045 \$49,832 100% 995,999 100% 1,032,25 844 \$0.045 \$43,632 100% 1,032,25 844 \$0.045 \$44,411 100% 1,032,25 1044 \$0.045 \$44,411 100% 1,032,151 1,968 \$0.051 \$54,882 100% 1,426,420 7,391 \$0.046 \$5312,166 13,954,837 1,979 \$0.048 \$312,166 13,954,837 1,979 \$0.048 \$312,166 13,954,837 1,979 \$0.048 \$312,166 13,954,837 1,979 \$0.048 \$312,105 Electricity = KWH X 3413 \$0.040 Fluel Oil = Gallons X 138,690 \$0.046 Fluel Oil = Gallons X 138,690 \$0.046 Fluel Oil = Gallons X 138,690	Cooling September Control Co	Hospital 2013													DATE:	09/13/14
403 100% 160% <th< th=""><th>400 100% 160 Month <</th><th>181</th><th>: DAYS (DD)</th><th></th><th></th><th>ELECTRI</th><th>СПУ</th><th></th><th></th><th>PURCHA</th><th>SED STEAM</th><th></th><th></th><th>FUELO</th><th>JIC .</th><th>TOTAL</th></th<>	400 100% 160 Month <	181	: DAYS (DD)			ELECTRI	СПУ			PURCHA	SED STEAM			FUELO	JIC .	TOTAL
100% 1,620,088 2,975 5,065 5,84,839 6,6 6,0 8 12,19 5,226 0 0 54,50 90 90 90 90 90 90 90 90 90 90 90 90 90	100% 1602.088	20		%	kWh		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	ENERGY COST
100% 102,000	403 100% 150.0%															
184 100% 1,42,701 8,550 8,0053 8,91,975 99 0.10 8,129 8,226 0 8,450 8,00 6	184 100% 1542787 8.266 86.265 86.265 86.266			100%	1,602,088	3,975	\$0.052	\$83,374	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$83,374
67 100% 1,162,787 5,485 \$0.056 \$96,285 896 4.23 \$12,19 \$10,921 0 \$4.50 \$10 6 100% 1,196 80.055 \$64,639 2,557 6.09 \$12,19 \$51,181 0 \$4.50 \$90 0 100% \$96,191 1,204 \$90.054 \$598,879 1,3905 4,78 \$12,19 \$588,40 0 \$4.50 \$90 0 100% \$96,191 1,090 \$80,084 \$13,905 4,78 \$12,19 \$80,400 \$4,50 \$90 0 100% \$96,191 1,090 \$80,084 1,3905 4,78 \$12,19 \$12,19 \$14,50 \$90 \$90 \$10 \$14,50 \$10 \$14,50 \$10 \$10 \$14,50 \$10 \$10 \$10 \$14,50 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 <	6 100% 1,162,787 5,486 \$0.056 \$85,265 899 6 4.23 \$12.19 \$10,921 0 \$4,50 \$80 \$80 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			100%	1,542,701	8,250	\$0.053	\$81,975	19	0.10	\$12.19	\$226	0	\$4.50	\$0	\$82,201
6 100% 1.186 683 2.825 8.0053 584 839 2.557 6.09 51214 858.371 0 84.50 8.09 8.0 858 8.0 888 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 888 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 888 8.0 858 8.0 888 8.0 858 8.0 858 8.0 858 8.0 858 8.0 858 8.0 888 8.0 858 8.0 888 8.0 858 8.0 888 8.0 858 8.0 888 8.0 8.0	6 100% 1,186 683 5,84 830 5,84 839 6,188 6,18 8 12.19 858,31,181 0 84,50 896 89 89 80083 8,44,902 4,788 6,18 812.19 858,31 0 84,50 896 89 80083 8,44,902 4,788 6,18 812.19 858,31 0 84,50 89 89 80 80 80 80 80 80 80 80 80 80 80 80 80	5		100%	1,162,787	5,485	\$0.056	\$65,265	968	4.23	\$12.19	\$10,921	0	\$4.50	\$0	\$76,186
0 100% 932,820 1,204 \$0.053 \$49,902 4,788 6,18 \$12,19 \$58,937 0 \$44.50 \$50 \$6 \$6 \$18 \$12,19 \$12,19 \$18,94.0 0 \$44.50 \$50 \$6 \$6 \$1.8 \$12,19 \$18,94.0 0 \$44.50 \$50 \$6 \$6 \$1.8 \$12,19 \$12,19 \$18,94.0 0 \$44.50 \$50 \$6 \$6 \$1.8 \$12,19 \$12,19 \$18,94.0 0 \$44.50 \$50 \$6 \$6 \$1.8 \$12,19 \$	0 100% 996.191 1,090 80.055 854.524 6.646 6.18 \$12.19 \$58.971 0 \$4.50 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.	4			1,186,683	2,825	\$0.055	\$64,839	2,557	6.09	\$12.19	\$31,181	0	\$4.50	\$0	\$96,021
100% 996,191 1,090 50,055 584,524 5,646 6.18 512.19 568,840 0 54,50 50 100% 963,889 845 50,045 544,411 5,986 6.18 512.19 5189,540 0 54,50 50 100% 972,225 844 50,044 544,411 5,986 6.18 512.19 577,878 0 54,50 50 100% 1,073,282 1,044 50,044 544,411 5,986 6.18 512.19 577,878 0 54,50 50 100% 1,023,22 1,044 50,044 544,411 5,986 6.18 512.19 577,373 0 54,50 50 100% 1,023,22 1,044 50,044 544,411 5,986 6.18 512.19 577,373 0 54,50 50 162 100% 1,023,22 1,044 50,044 54,411 5,986 6.18 512.19 577,373 0 54,50 50 163 100% 1,026,420 7,576 50,046 54,50 54,50 50 164 100% 1,026,420 7,576 50,048 51,246 51,249 51,219 52,235 0 54,50 50 1976 1,396,433 1,979 50,048 57,12,045 57,12,04	100% 986.191 1,090 50.056 554.524 5,646 6.18 512.19 568.40 0 54.50 50 100% 962.989 845 50.045 543.62 7,048 6.18 512.19 516.54 0 54.50 50 100% 672.225 844 50.047 544.112 5,986 6.18 512.19 577.878 0 54.50 50 100% 100% 1,028 50.045 544.411 5,986 6.18 512.19 577.878 0 54.50 50 100% 1,022 1,044 50.044 544.411 5,986 6.18 512.19 577.878 0 54.50 50 100% 1,022 1,048 50.045 54.411 5,986 6.18 512.19 577.878 0 54.50 50 100% 1,022 1,048 50.046 589.277 1,040 589.277 1,040 599.277 1,040 5.096 5.30 5.20 100% 1,024 1,048 50.048 580.441 1,049 5.986 6.18 512.19 577.878 0 54.50 5.00 100% 1,024	22			932,820	1,204	\$0.053	\$49,902	4,788	6.18	\$12.19	\$58,371	0	\$4.50	\$0	\$108,273
660 100% 695.989 645 50.054 5396.879 13,905 478 512.19 5189.940 0 54.50 50 50 50 50 50 50 50 50 50 50 50 50 5	680 7,423,270 5,560 \$0.054 \$39,819 13,805 4,78 \$12,19 \$15,805 \$4,50 \$50,044 \$13,805 \$4,58 \$12,19 </td <td>4</td> <td></td> <td>100%</td> <td>996,191</td> <td>1,090</td> <td>\$0.055</td> <td>\$54,524</td> <td>5,646</td> <td>6.18</td> <td>\$12.19</td> <td>\$68,840</td> <td>0</td> <td>\$4.50</td> <td>\$0</td> <td>\$123,364</td>	4		100%	996,191	1,090	\$0.055	\$54,524	5,646	6.18	\$12.19	\$68,840	0	\$4.50	\$0	\$123,364
0 100% 963,989 645 \$0.045 \$43,632 7,048 618 \$12.19 \$85,937 0 \$4,50 \$0 0 100% 872,225 844 \$0.044 \$44,411 5,998 6.18 \$12.19 \$77,878 0 \$450 \$0 0 100% 1,032,22 1,044 \$0.044 \$5,998 6.18 \$12.19 \$77,878 0 \$450 \$0 94 100% 1,032,00 4,675 \$0.048 \$89,047 192 0.86 \$12.19 \$71,185 0 \$450 \$0 162 100% 1,173,500 4,675 \$0.048 \$89,040 192 0.89 \$12.19 \$71,185 0 \$450 \$0 \$0 256 100% 1,173,500 4,676 \$0.048 \$312,168 23,989 \$12.19 \$292,534 0 \$4,50 \$0 147 100% 1,173,500 4,676 \$1,712,045 \$17,18 \$12,19	0 100% 963,989 845 \$60,045 \$43,632 7,048 6,18 \$12,19 \$85,937 0 \$450 \$50 0 100% 872,225 844 \$0,047 \$41,182 6,387 6,18 \$12,19 \$71,293 0 \$450 \$50 0 100% 1,013,280 1,044 \$60,047 \$44,411 5,998 6,18 \$12,19 \$71,133 0 \$450 \$50 1 100% 1,032,151 1,988 \$60,040 \$59,277 970 386 \$12,19 \$14,255 0 \$450 \$50 162 100% 1,736,400 \$60,040 \$312,166 \$23,983 \$68 \$12,19 \$24,350 0 \$4,50 \$60 162 100% 1,736,4087 \$6,041 \$71,2045 \$73,989 \$63 \$12,19 \$4,50 \$60,50 \$60,50 \$73,989 \$63 \$62,19 \$62,025 \$60 \$63,50 \$60,50 \$63,50 \$60 \$	251			7,423,270	2,550	\$0.054	\$399,879	13,905	4.78	\$12.19	\$169,540	0	\$4.50	\$0	\$569,419
0 100% 872,225 844 \$0.047 \$41,182 6.387 6.18 \$12.19 \$77,878 0 \$4.50 \$90 0 100% 1,032,151 1,968 \$0.051 \$54,882 3.398 6.18 \$12.19 \$71,425 0 \$4.50 \$90 94 100% 1,032,151 1,968 \$0.051 \$54,882 3.398 6.18 \$12.19 \$71,425 0 \$4.50 \$90 94 100% 1,173,500 4,675 \$0.050 \$59,217 970 3.86 \$12.19 \$11,825 0 \$4.50 \$90 256 6,531,567 1,578 \$0.048 \$512,166 23,993 5,80 \$12.19 \$2,392,534 0 \$4,50 \$90 916 13,954,837 1,678 \$0.051 \$712,045 37,899 5,37 \$12.19 \$462,073 0 \$4,50 \$90 1976 13,954,837 1,678 \$0.051 \$71,945 \$7,527,859 5,37	0 100% 872,225 844 \$0.047 \$44,182 6,387 618 \$12,19 \$77,878 0 \$4,50 \$9 0 100% 1,032,22 1,044 \$0.044 \$44,411 5,988 6.18 \$12,19 \$71,33 0 \$4,50 \$9 1 1,00% 1,024,22 \$0.051 \$54,882 3,388 6.18 \$12,19 \$41,425 0 \$4,50 \$9 162 100% 1,73,500 4,675 \$0.048 \$59,217 970 3,86 \$12,19 \$11,825 0 \$4,50 \$9 256 1,73,500 4,675 \$0.048 \$312,166 23,983 5,80 \$12,19 \$44,50 \$6 \$1,950 \$6 \$1,044	14		100%	963,989	845	\$0.045	\$43,632	7,048	6.18	\$12.19	\$85,937	0	\$4.50	\$0	\$129,570
100% 1,013,282 1,044 \$0.044 \$44,411 5,988 6.18 \$12.19 \$73,133 0 \$4,50 \$50 \$50 \$50 \$4,50 \$50,50 \$59,217 \$970 3.86 \$12.19 \$11,925 0 \$44,50 \$50,500 \$59,217 \$970 3.86 \$12.19 \$11,925 0 \$44,50 \$50,500 \$59,217 \$970 3.86 \$12.19 \$11,925 0 \$44,50 \$50 \$50 \$50,500 \$59,217 \$970 3.86 \$12.19 \$11,925 0 \$44,50 \$50 \$50 \$50 \$10,000 \$14,26,420 \$12,19 \$12,19 \$11,925 0 \$44,50 \$50 \$50 \$10,000 \$14,26,420 \$12,19 \$12,	0 100% 1,013,282 1,044 \$6.044 \$4411 5,988 6.18 \$12.19 \$72.133 0 \$4.50 \$90 0 1,00% 1,023,500 4,675 \$0.050 \$59,217 970 3.86 \$12.19 \$41,425 0 \$4.50 \$0 94 1,00% 1,173,500 4,675 \$0.050 \$59,217 970 3.86 \$12.19 \$11,825 0 \$4.50 \$0 <td< td=""><td>034</td><td></td><td>100%</td><td>872,225</td><td>844</td><td>\$0.047</td><td>\$41,182</td><td>6,387</td><td>6.18</td><td>\$12.19</td><td>\$77,878</td><td>0</td><td>\$4.50</td><td>\$0</td><td>\$119,061</td></td<>	034		100%	872,225	844	\$0.047	\$41,182	6,387	6.18	\$12.19	\$77,878	0	\$4.50	\$0	\$119,061
0 100% 1082 151 1.986 \$0.051 \$54,682 3.398 6.18 \$12.19 \$141,425 0 \$450 \$0 94 100% 1,173,500 4,675 \$0.050 \$59,217 970 3.86 \$12.19 \$11,825 0 \$4.50 \$0 256 100% 1,426,420 7,391 \$0.048 \$312,166 23,993 5.80 \$12.19 \$11,825 0 \$4.50 \$0 916 13,954,837 1,578 \$0.048 \$312,166 23,993 5.80 \$12.19 \$462,073 0 \$4.50 \$0 1976 13,954,837 1,679 \$0.051 \$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$0 378,123 Fleetricity = KWH X 3413 A7,627,859 A7,627,859 Energy Utilization Index = Gooss Area (#) 2 37,8123 A7,813,73 A7,828,420,437 A7,627,859 A7,828,400 A7,627,859 A7,828,400 A7,627,859 A7,627,859 A7,627,859 A7,627,859 </td <td>0 100% 1,082,151 1,968 \$0.051 \$54,682 3,386 \$12.19 \$41,425 0 \$45,50 \$60</td> <td>171</td> <td></td> <td>100%</td> <td>1,013,282</td> <td>1,044</td> <td>\$0.044</td> <td>\$44,411</td> <td>5,998</td> <td>6.18</td> <td>\$12.19</td> <td>\$73,133</td> <td>0</td> <td>\$4.50</td> <td>0\$</td> <td>\$117,545</td>	0 100% 1,082,151 1,968 \$0.051 \$54,682 3,386 \$12.19 \$41,425 0 \$45,50 \$60	171		100%	1,013,282	1,044	\$0.044	\$44,411	5,998	6.18	\$12.19	\$73,133	0	\$4.50	0\$	\$117,545
94 100% 1,173,500 4,675 \$0.050 \$59,217 970 3.86 \$12.19 \$11,825 0 \$4.50 \$50 \$0 162 100% 1,426,420 7,391 \$0.048 \$59,040 192 0.99 \$12.19 \$2,335 0 \$4.50 \$50 256 6,531,567 1,578 \$0.048 \$312,166 23,993 5.80 \$12.19 \$2,935 0 \$4.50 \$50 916 13,954,837 1,979 \$0.051 \$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$50 378,123 Energy Consumption to BTU Conversions BTU's x 1,000 37,898,562 3.04,984 A7,627,859 0 0 Divided by 100,000 = 2,2619 T Other Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 2,2619 T TOTAL BTU's x 1,000 85,526,420	94 100% 1,173,500 4,675 \$50,520 \$59,217 970 3.86 \$12.19 \$11,825 0 \$4,50 \$0 162 100% 1,426,420 7,391 \$0.048 \$59,247 192 0.99 \$12.19 \$2,335 0 \$4,50 \$0 256 6,531,567 1,578 \$0.048 \$512,166 23,993 5.80 \$12.19 \$292,534 0 \$4,50 \$0 916 13,954,837 1,979 \$0.051 \$712,045 37,899 5.37 \$12.19 \$402,073 0 \$4,50 \$0 378,123 Energy Consumption to BTU Conversions BTU's x 1,000 37,898,562 Energy Utilization Index = Account (#) 2 \$78,123 A7,627,859 Energy Utilization Index = Account (#) 2 \$78,123 A7,898,502	920			1,082,151	1,968	\$0.051	\$54,682	3,398	6.18	\$12.19	\$41,425	0	\$4.50	0\$	\$96,107
162 100% 1,426,420 7,391 \$0.048 \$312,166 23,993 580 \$12.19 \$2,335 0 \$4.50 \$0 256 6,531,567 1,578 \$0.048 \$312,166 23,993 580 \$12.19 \$2,292,534 0 \$4.50 \$0 916 13,954,837 1,979 \$0.051 \$712,045 37,899 5,37 \$12.19 \$462,073 0 \$4.50 \$0 1976 Energy Consumption to BTU Conversions 378,123 Electricity = KWH X 3413 47,627,859 Energy Utilization index = A7,627,859 Total BTU Consumption/Yr 85,526,420,437	162 100% 1,426,420 7,391 \$69,046 192 0,99 \$12.19 \$2,335 0 \$4.50 \$0 256 6,531,567 1,578 \$0.048 \$312,166 23,993 5.80 \$12.19 \$292,534 0 \$4.50 \$0 916 13,954,837 1,579 \$0.051 \$\$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$0 1976 Inergy Consumption to BTU Conversions BTU s.x 1,000 BTU s.x 1,000 A7,827,859 Fine Fuel Miles X 1,300,000 O Total BTU Consumption for BTU Consumpti	22			1,173,500	4,675	\$0.050	\$59,217	970	3.86	\$12.19	\$11,825	0	\$4.50	\$0	\$71,042
256 6,531,567 1,578 \$0.048 \$312,166 23,993 5.80 \$12.19 \$292,534 0 \$4.50 \$0 916 13,954,837 1,979 \$0.051 \$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$0 1976 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Energy Utilization Index = Total BTU Consumption/Yr 85,526,420,437 37,24,984 Steam = M (lbs) X 1,000,000 37,898,562 Onivided by 100,000 = Total BTU Consumption/Yr 85,526,420,437 Fuel Oil = Gallons X 138,690 0 Onivided by 100,000 = Total BTU Consumption/Yr 2,2619 7	256 6,531,567 1,578 \$0.048 \$312,166 23,993 5.80 \$12.19 \$292,534 0 \$4.50 \$0 916 13,954,837 1,979 \$0.051 \$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$0 1976 Energy Consumption to BTU Conversions BTU s.x.1,000 BTU s.x.1,000 A7,627,859 Energy Utilization Index = A1,627,859 Energy Utilization Index = A1,627,859 Energy Utilization Index = A1,627,859 A7,898,562 A1,627,859 A1	31			1,426,420	7,391	\$0.048	\$69,040	192	0.99	\$12.19	\$2,335	0	\$4.50	\$0	\$71,375
916 13,954,837 1,979 \$0.051 \$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$0 1976 Energy Consumption to BTU Conversions BTU's x 1,000 BTU's x 1,000 Energy Utilization Index = AT,627,859 Energy Utilization Index = 3,024,984 Steam = M (lbs) X 1,000,000 37,898,562 Total BTU Consumption/Yr 85,526,420,437 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 2,2619 T TOTAL BTU's x 1,000 85,526,420 85,526,420 437,627	916 13,954,837 1,979 \$0.051 \$712,045 37,899 5.37 \$12.19 \$462,073 0 \$4.50 \$0 378,123 Electricity = KWH X 3413 A7,627,859 Energy Utilization Index = Total BTU Consumption/YF 85,526,420,437 85,526,420,437 3,024,984 Steam = M (lbs) X 1,000,000 37,898,562 0 Total BTU Consumption/YF 85,526,420,437 A Chier Fuel O Divided by 100,000 = 2,2619 7 TOTAL BTU's x 1,000 85,526,420 85,526,420	884			6,531,567	1,578	\$0.048	\$312,166	23,993	5.80	\$12.19	\$292,534	0	\$4.50	\$0	\$604,699
Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = Steam = M (lbs) X 1,000,000 37,898,562 Energy Utilization Index = Steam = M (lbs) X 1,000,000 37,898,562 Total BTU Consumption/Yr 85,526,420,437 Chel Oil = Gallons X 138,690 0 Divided by 100,000 = 2.2619 TOTAL BTU's x 1,000 85,526,420 2.2619	1976 Energy Consumption to BTU Conversions BTU's x 1,0000 BTU's x 1,0000 BTU's x 1,0000 BTU's x 1,0000 BTU's x 1,0000 BTU's x 1,0000 BTU's x 1,0000 BTU's x 1,0000 BS,526,420 BTU's x 1,0000 BS,526,420 BTU's x 1,0000 BS,526,420 BS,526,420 BTU's x 1,0000 BS,526,420 BS,526,420 BTU's x 1,0000 BS,526,420	3135			13,954,837	1,979	\$0.051	\$712,045	37,899	5.37	\$12.19	\$462,073	0	\$4.50	\$0	\$1,174,118
Electricity = KWH X 3413	378,123 Electricity = KWH X 3413 b 1U s X 1,000 Energy Utilization Index = A 7,627,869 Energy Ut		1976			Energy Con	sumption to B	TU Conversions								
Steam = M (lbs) X 1,000,000 37,898,562 Total BTU Consumption/Yr 85,526,420,437 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 2,2619 Other Fuel 0 85,526,420 2,2619	Steam = M (lbs) X 1,000,000 37,898,562 Total BTU Consumption/Yr 85,526,420,437 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 2,2619 Other Fuel 0 85,526,420 2,2619		378,123			Electricity =	KWH X 3413	yanan	BIU's x 1,000 47,627,859	et-au	F	Energy Utilizatior	= xəpul u			
Gross Area (ft) 2 378,123 Sallons X 138,690 0 Divided by 100,000 = 2.2619 AL BTU's x 1000 85 526 420	Sallons X 138,690 0 0 378,123 O Divided by 100,000 = 2.2619 FAL BTU's x 1,000 85,526,420		3,024,984			Steam = M (1bs) X 1,000,C	000	37,898,562			Total	BTU Consump	tion/Yr	85,526,420,437	
3allons X 138,690 0 Divided by 100,000 = 2.2619 0	Sallons X 138,690 0 Divided by 100,000 = 2.2619					1		1	,				Gross Area (ft)	2	378,123	
AL BTU's x 1000 85 526 420	AL BTUS x 1,000 85,526,420					Fuel Oil = G	allons X 138,t	069	0			ć	ided by 100 of	= 01	2 2619	THERMS
						Other Fuel			0	·		i	6		e i i	
						TOT.	AL BTU's x 1.0	000	85 526 420							

\$3.11

WATER / SQ. FT. / YEAR COST / SQ. FT. / YEAR

09/13/14		
DATE:		
Kobacker Hall	2013	
BUILDING	FY YEAR:	

	DEGREE DAYS (DD)	(DD)			ELECTRICITY	ICITY			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
J.															
July	0	403	100%	8,631	21	\$0.052	\$449	0	0.00	\$12.19	\$0	0	\$4.50	\$0	\$449
August	က	184	100%	7,549	40	\$0.053	\$401	2	0.01	\$12.19	\$25	0	\$4.50	\$0	\$426
September	145	29	100%	9,854	46	\$0.056	\$553	26	0.46	\$12.19	\$1,188	0	\$4.50	\$0	\$1,741
October	414	9	100%	9,246	22	\$0.055	\$505	278	99'0	\$12.19	\$3,393	0	\$4.50	\$0	\$3,898
November	775	0	100%	8,229	Ε	\$0.053	\$440	521	0.67	\$12.19	\$6,351	0	\$4.50	\$0	\$6,791
December	914	0	100%	9,650	7	\$0.055	\$528	614	29.0	\$12.19	\$7,490	0	\$4.50	\$0	\$8,018
1st half yr	2251	099		53,159	18	\$0.054	\$2,877	1,513	0.52	\$12.19	\$18,446	0	\$4.50	\$0	\$21,323
January	1141	0	100%	9,255	œ	\$0.045	\$419	792	29.0	\$12.19	\$9,350	0	\$4.50	\$0	\$9,769
February	1034	0	100%	8,530	80	\$0.047	\$403	695	0.67	\$12.19	\$8,473	0	\$4.50	\$0	\$8,876
March	971	0	100%	099'6	10	\$0.044	\$423	653	29.0	\$12.19	\$7,957	0	\$4.50	\$0	\$8,380
April	550	0	100%	8,933	16	\$0.051	\$451	370	0.67	\$12.19	\$4,507	0	\$4.50	\$0	\$4,958
May	157	94	100%	8.837	35	\$0.050	\$446	106	0.42	\$12.19	\$1.287	0	\$4.50	20	\$1.732
June	31	162	100%	9,168	48	\$0.048	\$444	21	0.11	\$12.19	\$254	0	\$4.50	\$0\$	\$69\$
2nd half yr	3884	256		54,383	13	\$0.048	\$2,586	2,610	0.63	\$12.19	\$31,828	0	\$4.50	\$0	\$34,414
TOTAL/YEAR	6135	916		107,542	15	\$0.051	\$5,463	4,123	0.58	\$12.19	\$50,274	0	\$4.50	\$0	\$55,737
Building Data:		1982			Energy Con	sumption to B	Energy Consumption to BTU Conversions	000 t > 2'1 T a							
Gross Area (ft)2		41,140			Electricity =	Electricity = KWH X 3413		367,041		ш	Energy Utilization Index =	lndex =			
Gross Volume (ft)3	t)3	329,120			Steam = M	Steam = M (lbs) X 1,000,000	000	4,123,385		ļ	Total	Total BTU Consumption/Yr	tion/Yr	4,490,426,175	
Gonoral Motor.					1 10 10	First Oil - Gallons X 138 600	O				•	Gross Area (ft) 2	2	41,140	
					5	Saliolis A 190,	2	ò			Div	Divided by 100,000 =	= 0	1.0915	THERMS
					Other Fuel			0	5						
					TOT	TOTAL BTU's x 1,000	000	4,490,426							
COST / SQ. FT. / YEAR	/YEAR		\$1.35												
WATER / SQ. FT. / YEAR	T. / YEAR		\$0.13												

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BUILDING: Lab Incubator FYYEAR: 2013

	DEGREE	DEGREE DAYS (DD)			ELECTRICITY)IIY			NATUF	NATURAL GAS			FUEL OIL		TOTAI
MONTH	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	ENERGY
July	0	403	100%	5,068	13	\$0.052	\$264	19	0.05	\$9.73	185	0	\$4.50	\$0	\$449
August	က	184	100%	5,431	29	\$0.053	\$289	21	0.11	\$10.23	215	0	\$4.50	\$0	\$503
September	145	29	100%	5,407	26	\$0.056	\$303	17	80.0	\$10.37	176	0	\$4.50	80	\$480
October	414	9	100%	3,081	7	\$0.055	\$168	16	0.04	\$9.03	145	0	\$4.50	\$0	\$313
November	775	0	100%	2,022	က	\$0.053	\$108	19	0.02	\$8.41	160	0	\$4.50	80	\$268
December	914	0	100%	2,525	ന	\$0.055	\$138	22	0.02	\$5.92	130	0	\$4.50	80	\$269
1st half yr	2251	099		23,534	ω	\$0.054	\$1,271	114	0.04	\$8.86	\$1,010	0	\$4.50	80	\$2,281
January	1141	0	100%	2,354	2	\$0.045	\$107	22	0.02	\$5.72	126	0	\$4.50	80	\$232
February	1034	0	100%	2,329	2	\$0.047	\$110	20	0.02	\$3.92	78	0	\$4.50	80	\$188
March	971	0	100%	2,650	က	\$0.044	\$116	19	0.02	\$3.93	75	0	\$4.50	\$0	\$191
April	550	0	100%	2.581	r2	\$0.051	\$130	16	0.03	\$4.18	29	0	\$4.50	80	\$197
May	157	94	100%	2,391	10	\$0.050	\$121	16	90.0	\$4.07	65	0	\$4.50	\$0	\$186
June	31	162	100%	2,917	15	\$0.048	\$141	16	80.0	\$4.56	73	0	\$4.50	80	\$214
2nd half yr	3884	256		15,222	4	\$0.048	\$725	109	0.03	\$4.44	\$484	0	\$4.50	\$0	\$1,209
TOTALMEAR	6135	916		38,756	5	\$0.051	\$1,995	223	0.03	\$6.70	\$1,494	0	\$4.50	\$0	\$3,490
Building Data:		1955			Energy Cons	sumption to BT	Energy Consumption to BTU Conversions	200 F 2							
Gross Area (ft)2	72	20,533			Electricity =	Electricity = KWH X 3413		132,274		Ш	Energy Utilization Index =	ı Index =			
Gross Volume (ft)3	(#)3	164,264			Natural Gas	Natural Gas = MCF X 102,500	200	22,858		ı	Total	Total BTU Consumption/Yr	tion/Yr	155,131,728	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0			-	Gross Area (ft) 2	7	20,533	
					Other Fuel			0			ฉั๋	Divided by 100,000 =	= 00	0.0756	THERMS
					TOTA	TOTAL BTU's x 1,000	00	155,132							

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	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY
July	0	403	100%	171,987	427	\$0.052	\$8,950	0	0.00	\$12.19	\$0	0	\$4.50	0\$	\$8,950
August	က	184	100%	153,986	823	\$0.053	\$8,182	2	0.04	\$12.19	\$82	0	\$4.50	\$0	\$8,265
September	145	29	100%	167,363	789	\$0.056	\$9,394	327	1.54	\$12.19	\$3,984	0	\$4.50	\$0	\$13,378
October	414	9	100%	156,242	372	\$0.055	\$8,537	933	2.22	\$12.19	\$11,374	0	\$4.50	\$0	\$19,911
November	775	0	100%	136,158	176	\$0.053	\$7,284	1,746	2.25	\$12.19	\$21,292	0	\$4.50	\$0	\$28,576
December	914	0	100%	157,961	173	\$0.055	\$8,646	2,060	2.25	\$12.19	\$25,111	0	\$4.50	\$0	\$33,757
1st half yr	2251	099		943,697	324	\$0.054	\$50,993	5,072	1.74	\$12.19	\$61,844	0	\$4.50	\$0	\$112,837
January	1141	0	100%	150,068	132	\$0.045	\$6,792	2,571	2.25	\$12.19	\$31,348	0	\$4.50	\$0	\$38,140
February	1034	0	100%	136,252	132	\$0.047	\$6,433	2,330	2.25	\$12.19	\$28,408	0	\$4.50	\$0	\$34,841
March	971	0	100%	153,519	158	\$0.044	\$6,729	2,188	2.25	\$12.19	\$26,677	0	\$4.50	\$0	\$33,406
April	550	0	100%	160.295	291	\$0.051	\$8.100	1.239	2.25	\$12.19	\$15,111	0	\$4.50	80	\$23,211
May	157	94	100%	159,622	636	\$0.050	\$8,055	354	1.41	\$12.19	\$4,313	0	\$4.50	\$0	\$12,368
June	31	162	100%	173,318	868	\$0.048	\$8,389	20	0.36	\$12.19	\$852	0	\$4.50	\$0	\$9,240
2nd half yr	3884	256		933,074	225	\$0.048	\$44,498	8,752	2.11	\$12.19	\$106,709	0	\$4.50	\$0	\$151,207
TOTALMEAR	6135	916		1,876,771	266	\$0.051	\$95,491	13,824	1.96	\$12.19	\$168,553	0	\$4.50	\$0	\$264,044
Building Data:		1973			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	137,930			Electricity =	Electricity = KWH X 3413		BTU's x 1,000 6,405,419		ш	Energy Utilization Index =	ln dex =			
Gross Volume (ft)3	(#)3	1,103,440			Steam = M (Steam = M (lbs) X 1,000,000	00	13,824,466		ı	Total E	Total BTU Consumption/Yr		20,229,885,597	
General Notes:	987				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0			9	Gross Area (π) 2		137,930	
					Other Fuel		·	0			Σ Ω	Divided by 100,000 =	"	1.4667	THERMS
					TOT	TOTAL BTU's x 1,000	00	20,229,886							
COST / SQ. FT. / YEAR	r./YEAR		\$1.91												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.00												

BUILDING: N FY YEAR: 2	Northwest O 2013	Northwest Ohio Medical Technolog 2013	Technolog	yy Center										DATE:	. 09/13/14
2	DEGREE DAYS (DD)	(DD) AYS	,		ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OII	Ē	TOTAL
MONTH	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	ENERGY
S.															
July	0	403	100%	133,628	332	\$0.052	\$6,954	139	0.34	\$9.73	1,352	0	\$4.50	\$0	\$8,306
August	ന	184	100%	119,801	641	\$0.053	\$6,366	123	99.0	\$10.23	1,259	0	\$4.50	\$0	\$7,624
September	145	29	100%	104,992	495	\$0.056	\$5,893	120	0.57	\$10.37	1,244	0	\$4.50	\$0	\$7,137
October	414	9	100%	73,825	176	\$0.055	\$4,034	134	0.32	\$13.11	1,757	0	\$4.50	\$0	\$5,790
November	775	0	100%	56,984	74	\$0.053	\$3,048	178	0.23	\$8.41	1,496	0	\$4.50	\$0	\$4,545
December	914	0	100%	64,313	02	\$0.055	\$3,520	245	0.27	\$5.92	1,451	0	\$4.50	\$0	\$4,971
1st half yr	2251	099		553,543	190	\$0.054	\$29,815	939	0.32	\$9.11	\$8,559	0	\$4.50	\$0	\$38,374
January	1141	0	100%	57,571	50	\$0.045	\$2,606	280	0.25	\$5.72	1,602	0	\$4.50	\$0	\$4,208
February	1034	0	100%	56,058	54	\$0.047	\$2,647	345	0.33	\$4.12	1,423	0	\$4.50	\$0	\$4,070
March	971	0	100%	62,614	64	\$0.044	\$2,744	385	0.40	\$3.93	1,513	0	\$4.50	\$0	\$4,257
April	550	0	100%	70,586	128	\$0.051	\$3,567	341	0.62	\$4.18	1,426	0	\$4.50	\$0	\$4,993
May	157	94	100%	102,003	406	\$0.050	\$5,147	391	1.56	\$4.07	1,590	0	\$4.50	\$0	\$6,737
June	31	162	100%	119,356	618	\$0.048	\$5,777	289	1.50	\$4.56	1,318	0	\$4.50	\$0	\$7,095
2nd half yr	3884	256		468,188	113	\$0.048	\$22,488	2,031	0.49	\$4.37	\$8,873	0	\$4.50	\$0	\$31,361
TOTALMEAR	6135	916	10	1,021,731	145	\$0.051	\$52,303	2,970	0.42	\$5.87	\$17,432	0	\$4.50	\$0	\$69,735
Building Data:		1998			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2		38,614			Electricity =	Electricity = KWH X 3413		3,487,168			Energy Utilization Index =	= xəpul u			
Gross Volume (ft)3		308,912			Natural Gas	Natural Gas = MCF X 102,500	,500	304,425			Total	Total BTU Consumption/Yr	otion/Yr	3,791,592,903	
General Motes.					1 10 1011	First On I - Gallons X 138 600	000	c				Gross Area (ft) 2	2	38,614	
Gellei al INOTES.						Allolls A 130,0	0.60	•			í	Divided by 100,000 =	= 00	0.9819	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	3,791,593							

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	LECTRICITY WWh per Cost per 1,284 \$0.052 1,898 \$0.053 2,024 \$0.056 1,066 \$0.055 455 \$0.055 455 \$0.055 879 \$0.054 336 \$0.045 361 \$0.047
372,976 418,767 395,654 406,359 520,962 2,497,514 5,056,609	

\$2.75

WATER / SQ. FT. / YEAR COST / SQ. FT. / YEAR

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s Retention	
Records	2013

BUILDING: FY YEAR:	Records Retention 2013	tention												DATE:	09/13/14
2	DEGREE DAYS (DD)	(DD) YAK			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	23,788	59	\$0.052	\$1,238	-	0.00	\$9.73	10	0	\$4.50	\$0	\$1,248
August	က	184	100%	19,663	105	\$0.053	\$1,045	0	0.00	\$0.00	0	0	\$4.50	\$0	\$1,045
September	145	29	100%	17,279	82	\$0.056	\$970	0	0.00	\$0.00	0	0	\$4.50	\$0	\$970
October	414	9	100%	16.363	39	\$0.055	\$894	0	0.00	\$0.00	0	0	\$4.50	90	\$894
November	775	0	100%	14,609	19	\$0.053	\$782	0	0.00	\$0.00	0	0	\$4.50	\$0	\$782
December	914	0	100%	16,864	18	\$0.055	\$923	31	0.03	\$5.92	184	0	\$4.50	\$0	\$1,107
1st half yr	2251	099		108,566	37	\$0.054	\$5,851	32	0.01	\$6.04	\$193	0	\$4.50	\$0	\$6,045
January	1141	0	100%	15,708	14	\$0.045	\$711	117	0.10	\$5.72	699	0	\$4.50	\$0	\$1,380
February	1034	0	100%	16,255	16	\$0.047	2928	170	0.16	\$4.38	744	0	\$4.50	\$0	\$1,512
March	971	0	100%	16,939	17	\$0.044	\$742	224	0.23	\$3.93	880	0	\$4.50	0\$	\$1,623
April	550	0	100%	16,177	29	\$0.051	\$817	209	0.38	\$4.18	874	0	\$4.50	\$0	\$1,692
May	157	94	100%	17,683	70	\$0.050	\$892	173	69.0	\$4.07	704	0	\$4.50	\$0	\$1,596
June	31	162	100%	20,935	108	\$0.048	\$1,013	98	0.45	\$4.56	392	0	\$4.50	\$0	\$1,406
2nd half yr	3884	256		103,697	25	\$0.048	\$4,944	979	0.24	\$4.36	\$4,264	0	\$4.50	\$0	\$9,208
TOTALMEAR	6135	916		212,263	30	\$0.051	\$10,795	1,011	0.14	\$4.41	\$4,457	0	\$4.50	\$0	\$15,253
Building Data:		1956			Energy Con	sumption to B	Energy Consumption to BTU Conversions	10							S.
Grose Area (#)2	,	32 086			Flectricity.	Flectricity = KWH X 3413		BTU's x 1,000			Energy Itilization Index =	= yabu			
·(11) 20 11 10 10 10	1							:) : : !			(6 in 11				
Gross Volume (ft)3	(#)3	256,688			Natural Gas	Natural Gas = MCF X 102,500	,500	103,628		'	Total	Total BTU Consumption/Yr	otion/Yr	828,081,119	
General Notes					Fire	Fire Oil = Gallons X 138 690	Uo	c				Gross Area (ft) 2	2	32,086	
					5			Þ			Ϊ́Ω	Divided by 100,000 =	= 00	0.2581	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	828,081							
COST / SQ. FT. / YEAR	./YEAR		\$0.48												
WATER / SQ. FT. / YEAR	FT. / YEAR		\$0.22												

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BUILDING	FY YEAR:

	DEGREE DAYS (DD)	AYS (DD)			ELECTRICITY	ЗΤΥ			PURCHA	PURCHASED STEAM			FUEL OIL		TOTAL
MONTH	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	ENERGY
le:															
July	0	403	100%	169,921	422	\$0.052	\$8,843	0	00:0	\$12.19	80	0	\$4.50	\$0	\$8,843
August	ო	184	100%	128,702	889	\$0.053	\$6,839	9	0.03	\$12.19	89\$	0	\$4.50	\$0	26,907
September	145	29	100%	140,893	999	\$0.056	\$7,908	270	1.28	\$12.19	\$3,296	0	\$4.50	\$0	\$11,204
October	414	œ	100%	145 028	245	\$0.055	K7 924	277	184	\$12.19	\$9.411	c	54.50	U\$	417 335
N-in-har	† 1 t	0 0	1000	143,020	7 1	0000	470,79	4 4 4 5	t 6	4 4 6	1,00	0 0	5 6	9 6	000,000
Noverliber	0.77	.	200%	4/4/101	1,0	\$0.035 \$0.055	67.053	0.44,	00.1	912.19	917,010	.	00:46	O 6	676 141
December	9 4	>	%nn1	134,541	147	\$0.0\$	\$7,364	1,704	98.	81.21 0	\$77,UZ¢	5	34.50	0	\$28,141
1st half yr	2251	099		850,559	292	\$0.054	\$45,911	4,197	1.44	\$12.19	\$51,171	0	\$4.50	\$0	\$97,082
January	1141	0	100%	130,134	411	\$0.045	\$5,890	2.127	1.86	\$12.19	\$25,938	0	\$4.50	80	\$31,828
February	1034	0	100%	122,065	118	\$0.047	\$5,763	1.928	1.86	\$12.19	\$23,505	0	\$4.50	\$0	\$29,269
March	971	0	100%	134,056	138	\$0.044	\$5,876	1,810	1.86	\$12.19	\$22,073	0	\$4.50	\$0	\$27,949
April	550	c	100%	122 529	223	\$0.051	\$6 192	1 025	186	\$12.19	\$12503	c	\$4.50	O\$	\$18 694
May	157	94	100%	109 853	438	\$0.050	\$5.543	293	1.17	\$12.19	\$3.569	0	\$4.50	90	\$9.112
June	31	162	100%	127,974	663	\$0.048	\$6,194	28	0:30	\$12.19	\$705	0	\$4.50	\$0\$	\$6,899
2nd half yr	3884	256		746,611	180	\$0.048	\$35,458	7,242	1.75	\$12.19	\$88,293	0	\$4.50	\$0	\$123,751
TOTALMEAR	6135	916	à i	1,597,169	227	\$0.051	\$81,369	11,439	1.62	\$12.19	\$139,464	0	\$4.50	\$0	\$220,833
Building Data:		1985			Energy Cons	sumption to BT	Energy Consumption to BTU Conversions								
Gross Area (ft)2	2	114,126		-	Electricity =	Electricity = KWH X 3413		5,451,138		Ш	Energy Utilization Index =	= xapul			
Gross Volume (ft)3	(ft)3	913,008		.,	Steam = M (I	Steam = M (lbs) X 1,000,000	00	11,438,636		ı	Total E	Total BTU Consumption/Yr		16,889,773,529	
General Notes:	par				inel Oil = G	Fuel Oil = Gallons X 138.690	06	0			U	Gross Area (ft) 2	61	114,126	
	2							ţ			Divi	Divided by 100,000 =	= 0	1.4799	THERMS
				-	Other Fuel		•	0							
					ТОТ	TOTAL BTU's x 1,000	00	16,889,774							
COST / SQ. FT. / YEAR	/YEAR		\$1.93												

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Veterans Adminstration Bldg.	2013

BUILDING: YEAR:	Veterans Ac 2013	Veterans Adminstration Bldg. 2013	Bldg.											DATE:	09/13/14
	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СТУ			NATU	NATURAL GAS			FUEL OII		TOTAL
MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per kWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
July	0	403	100%	74,705	185	\$0.052	\$3,888	17	0.04	\$9.33	159	0	\$4.50	\$0	\$4,046
August	က	184	100%	69,234	370	\$0.053	\$3,679	4	0.07	\$10.13	142	0	\$4.50	\$0	\$3,821
September	145	29	100%	42,110	199	\$0.056	\$2,364	14	0.07	\$10.10	141	0	\$4.50	\$0	\$2,505
radota	7.77	ď	100%	30 110	03	\$0.055	\$2 137	7	0 0	\$10 58	27	c	04 150	G	\$2.285
Navarahar	177		100%	20,110	0 0	60.050	\$2,137	t 4	000	10.00	7 7	o c	94.50	3 6	62,200
December	914	0	100%	40,110	4 4	\$0.055	\$2,195	21	0.02	\$7.54	158	00	\$4.50	80	\$2,354
1st half yr	2251	099		304,380	105	\$0.054	\$16,355	95	0.03	\$9.43	\$895	0	\$4.50	\$0	\$17,250
į.		·						i			•	í		;	
January	1141	0	100%	11,970	10	\$0.045	\$542	7.1	90.0	\$5.86	416	0	\$4.50	20	\$958
February	1034	0	100%	14,413	4	\$0.047	\$681	161	0.16	\$5.02	808	0	\$4.50	20	\$1,488
March	971	0	100%	14,411	15	\$0.044	\$632	211	0.22	\$4.44	936	0	\$4.50	\$0	\$1,568
-	099	c	1000%	47.606	,,	90.06	1795	753	970	64 60	1 180	c	04.60	G	64
E N	220	2	1000	12,000	2 4	00.00	0096	25.5	÷ ÷	2 7 7 6	,	0 0	00.4	3 6	0,10
May.	2 2	4 6	2001	1,040	4 1	00.00	9000	167	00.1	7 - 1 - 6	500,1	o (00:46	000	140,14
anne	- 5	791	%00L	14,549	4	\$0.048	6804	Ē	86.0	\$2.12	890	o	\$4.50	04	\$1,203
2nd half yr	3884	256		79,877	19	\$0.048	\$3,797	1,058	0.26	\$4.65	\$4,921	0	\$4.50	80	\$8,718
TOTALMEAR	6135	916		384,257	54	\$0.051	\$20,152	1,153	0.16	\$5.04	\$5,816	0	\$4.50	\$0	\$25,968
Building Data:		1978			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2	۵.	40,447			Electricity =	Electricity = KWH X 3413		BIU's x 1,000 1,311,469			Energy Utilization Index =	n Index =			
Gross Volume (ft)3	ft)3	323,576			Natural Gas	Natural Gas = MCF X 102,500	200	118,183			Total	Total BTU Consumption/Yr	tion/Yr	1,429,651,641	
General Notes					Fire Oil	Fire Oil = Gallons X 138 690	Ub	c		•		Gross Area (ft) 2	2	40,447	
					, , , ,		8)			Ν̈́	Divided by 100,000 =	= 00	0.3535	THERMS
					Other Fuel			∍							
					TOT	TOTAL BTU's x 1,000	00	1,429,652							
COST / SQ. FT. / YEAR	./YEAR		\$0.64												

\$0.10

7	Basic Science Lab-Classroom Ctr-/ 2013
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DATE: 09/13/14

MONTH		DEGREE	DEGREE DAYS (DD)			ELECTRICITY	СПУ			NATU	NATURAL GAS			FUEL OI		TOTAL
184 100% 99.027 534 50.066 58,629 0 0 0 0 54.50 0 54.50 50.066 50.021 0 0 0 0 0 0 0 0 0	MONTH	Heating	Cooling	% P.F.	kWh	kWh per DD	Cost per KWh	TOTAL	1000 cubic feet (Mcf)	Mcfper DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY COST
1																
14 100% 99.214 531 50.104 510.310 510.02 50.00	July	0	403	100%	99,027	246	\$0.099	\$9,782	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,782
145 67 100% 91,589 432 \$10.096 58,8239 0 0 0 0 0 0 0 0 0	August	က	184	100%	99,271	531	\$0.104	\$10,310	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,310
144 100 100% 10	September	145	29	100%	91,589	432	\$0.096	\$8,829	0	0.00	\$0.00	\$0	0	\$4.50	80	\$8,829
175 100 100% 105,812 100 100% 105,812 117	October	414	9	100%	90,161	215	\$0.081	\$7,278	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$7,278
141 0 100% 146.562 160 50.076 \$11.172 0 0.00 \$0.00	November	775	0	100%	105,813	137	\$0.078	\$8,290	0	0.00	\$0.00	\$0	0	\$4.50	80	\$8,290
144 144	December	914	0	100%	146,592	160	\$0.076	\$11,172	0	0.00	\$0.00	\$0	0	\$4.50	0\$	\$11,172
ay 1141 0 100% 149.585 131 80.075 811.335 0 0 000 800 80 84.50 84.50 80 ay 1034 0 100% 146,181 151 80.077 812,026 0 0 000 80.00 80 0 84.50 80 1034 0 100% 146,181 151 80.077 812,026 0 0 000 80.00 80 0 84.50 80 4104 0 100% 146,181 151 80.077 812,026 0 0 000 80.00 80 0 84.50 80 4105 160 100% 174,72 306 81.2770 0 0 000 80.00 80 0 84.50 80 4105 161 162 100% 174,72 306 81.2770 0 0 000 80.00 80 0 84.50 80 4105 161 162 100% 174,72 306 81.2770 0 0 0 0 0 0 0 0 0 0 84.50 80 4105 161 162 100% 174,72 306 81.2770 0 0 0 0 0 0 0 0 0 0 84.50 80 4105 161 162 100% 174,72 306 81.2770 0 0 0 0 0 0 0 0 0 0 0 0 84.50 80 4105 17.086 135 141 184 \$0.090 \$118,93 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1st half yr	2251	099		632,453	217	\$0.089	\$55,660	0	0.00	\$0.00	0\$	0	\$4.50	80	\$55,660
ary 1034 0 100% 156;181 151 \$0.077 \$12,026 0 0 0.00 \$0	January	1141	0	100%	149,585	131	\$0.076	\$11,335	0	0.00	\$0.00	\$0	0	\$4.50	80	\$11,335
1 10 100% 153,188 158 50,083 \$12,770 0 0.000 \$0,000 \$	February	1034	0	100%	156,181	151	\$0.077	\$12,026	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$12,026
157 100 100% 124 572 306 50.098 \$12,270 0 0.00 50.000 50.000 50.000 54.50 50.000	March	971	0	100%	153,188	158	\$0.083	\$12,767	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$12,767
157 94 100% 79,722 306 \$0.109 \$8,370 0 0.00 \$0.00	April	550	0	100%	124,575	227	\$0.098	\$12,270	0	0.00	\$0.00	0\$	0	\$4.50	80	\$12,270
alf yr 384 256 100% 73,476 30.102 \$7,509 0.00 \$	May	157	94	100%	76,722	306	\$0.109	\$8,370	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$8,370
3884 256 733,727 177 \$0.091 \$64,278 0 0.00 \$0.00 \$0.00 \$4.50 \$0 6135 916 1,366,181 194 \$0.090 \$119,338 0 0.00 \$0.00 \$0 \$4.50 \$0 2 77,086 Energy Consumption to BTU Conversions BTU's x,1,000 4,662,775 Energy Utilization Index = Account of the Consumption Max and the conversions of the Consumption of the consumption of the conversions of the consumption of the conversion of the consumption of the consumption of the consumption of the conversion of the consumption of the consumption of the conversion of the consumption	June	31	162	100%	73,476	381	\$0.102	\$7,509	0	0.00	\$0.00	\$0	0	\$4.50	80	\$7,509
1969 Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Consumption to BTU Conversions Energy Utilization Index = Total BTU Consumption/Yr 4,662,774,729	2nd half yr	3884	256		733,727	177	\$0.091	\$64,278	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$64,278
1969 Energy Consumption to BTU Conversions BTU's x 1,000 Energy Utilization Index = Total BTU Consumption to BTU Conversions A,662,775 Energy Utilization Index = Total BTU Consumption/Yr	TOTALMEAR	6135	916		1,366,181	194	\$0.090	\$119,938	0	00:0	\$0.00	\$0	0	\$4.50	\$0	\$119,938
77,096 Electricity= KWH X 3413 4,662,775 Energy Utilization Index = 10	Building Data:		1969			Energy Con	sumption to E	3TU Conversion:								
(ft) 3 616,768 Natural Gas = MCF X 102,500 0 Total BTU Consumption/Yr 4,662,774,729	Gross Area (ft)2		960'22			Electricity =	KWH X 3413		4,662,775		Ш	Energy Utilization	n Index =			
Gross Area (ft) 2 77,096 Fuel Oil = Gallons X 138,690 0 Divided by 100,000 = 0.6048 Other Fuel 0 0.6048 TOTAL BTU's x 1,000 4,662,775	Gross Volume (1	ft)3	616,768			Natural Gas	:= MCF X 102	2,500	0			Total	BTU Consump	tion/Yr	4,662,774,729	
Other Fuel 0.6048 OTHER TOTAL BTU's x 1,000 4,662,775	([×	000	c				Gross Area (ft)	2	77,096	i
AL BTUs x 1,000 4,662,775	General Notes.						allotts A 136,	0.80	•			Ĭ	vided by 100.00	= 0	0.6048	THERMS
						Other Fuel			0	5			•			
						TOT	AL BTU's x 1,	000	4,662,775							

\$1.56

BUILDING: E	Engineering Tech Lab Center 2013	Tech Lab (enter											DATE:	09/13/14
	DEGREE DAYS (DD)	(DD) AAA	,		ELECTRICITY	СПУ			NATU	NATURAL GAS			FUEL OII	Ē	TOTAL
MONTH	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	ENERGY
6		And the Control of th		1000	20.449	Wildenber Manhaov		š	Addition	100000000000000000000000000000000000000	ELECT TRACE	ž vet	5	nomasi	Manage Control of the
July	0	403	100%	26,885	29	\$0.099	\$2,656	0	0.00	\$0.00	\$0	0	\$4.50	80	\$2,656
August	က	184	100%	17,030	91	\$0.104	\$1,769	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,769
September	145	29	100%	15,743	74	\$0.096	\$1,518	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,518
October	414	9	100%	30.817	73	\$0.081	\$2.488	0	0.00	\$0.00	\$0	0	\$4.50	80	\$2,488
November	775	0	100%	55,571	72	\$0.078	\$4,354	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,354
December	914	0	100%	88,790	26	\$0.076	\$6,767	0	0.00	\$0.00	\$0	0	\$4.50	\$0	26,767
1st half yr	2251	099		234,835	81	\$0.089	\$19,550	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$19,550
Į.	,	c	1000	000	1	010	000	ď	o o	9	Ç	Ċ	9	ě	000
February	1034	o c	100%	87.718	2 00	\$0.07	\$6.716	o c	00.0	\$0.00 \$0.00	0 +	o c	\$4.50	S &	\$6.716
March	971	o c	100%	89.350	6 6	\$0.083	\$7.447	o C	00.0	\$0.00	9 6	o c	\$4.50	8 6	\$7.447
200	-	•	800	000,60	76	\$0.0 0	, , , ,	Þ	000	00.00	9	Ö		9	÷+, , ,
April	550	0	100%	46,278	84	\$0.09	\$4,558	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,558
May	157	94	100%	34,551	138	\$0.109	\$3,769	0	0.00	\$0.00	\$0	0	\$4.50	80	\$3,769
June	31	162	100%	44,724	232	\$0.102	\$4,571	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,571
2nd half yr	3884	256		385,646	93	\$0.091	\$33,390	0	00.0	\$0.00	\$0	0	\$4.50	0\$	\$33,390
TOTALMEAR	6135	916		620,481	88	\$0.090	\$52,940	0	00.0	\$0.00	\$0	0	\$4.50	\$0	\$52,940
Building Data:		1969			Energy Con	sumption to B	Energy Consumption to BTU Conversions	22.0							
1					3	_		a							
Gross Area (ft)2		24,812			Electricity =	Electricity = KWH X 3413		2,117,700			Energy Utilization Index =	= xapul u			
Gross Volume (ft)3		198,496			Natural Gas	Natural Gas = MCF X 102,500	,500	0		•	Total	Total BTU Consumption/Yr	tion/Yr	2,117,699,947	
-					1	- IO I - IO I - IO I - IO	o	o				Gross Area (ft) 2	CI	24,812	
Gerreral Notes.						alloris A 130,0	0.00	o			į	Divided by 100,000 =	= 0	0.8535	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000	2,117,700							
COST / SQ. FT. / YEAR	/YEAR		\$2.13												
WATER / SQ. FT. / YEAR	T./YEAR		\$0.10												

BUILDING:	Faculty Annex	DATE:	09/13/14
FY YEAR:			

,	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	CITY			NATUI	NATURAL GAS			FUEL OII		TOTAL
MONTH	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	ENERGY
July	0	403	100%	18,481	46	\$0.099	\$1,825	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,825
August	ന	184	100%	20,121	108	\$0.104	\$2,090	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$2,090
September	145	29	100%	18,086	82	\$0.096	\$1,743	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,743
October	414	9	100%	14.529	35	\$0.081	\$1.173	0	0.00	\$0.00	09	0	\$4.50	0\$	\$1.173
November	775	0	100%	14.647	19	\$0.078	\$1,148	0	0.00	\$0.00	90	0	\$4.50	90	\$1,148
December	914	0	100%	20,257	22	\$0.076	\$1,544	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,544
1st half yr	2251	099		106,121	36	\$0.08	\$9,523	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,523
January	1141	0	100%	19,105	17	\$0.076	\$1,448	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,448
February	1034	0	100%	20,638	20	\$0.077	\$1,589	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,589
March	971	0	100%	20,171	21	\$0.083	\$1,681	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,681
April	550	0	100%	17,363	32	\$0.098	\$1,710	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,710
May	157	94	100%	13,038	52	\$0.109	\$1,422	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,422
June	31	162	100%	13,881	72	\$0.102	\$1,419	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,419
2nd half yr	3884	256		104,194	25	\$0.091	\$9,269	0	0.00	\$0.00	0\$	0	\$4.50	\$0	\$9,269
TOTALMEAR	6135	916		210,315	30	\$0.090	\$18,792	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$18,792
Building Data:		1993			Energy Con	sumption to B	Energy Consumption to BTU Conversions	S							
Gross Area (ft)2		8,895			Electricity =	Electricity = KWH X 3413		510 s x 1,000 717,806		ü	Energy Utilization Index =	Index =			
Gross Volume (ft)3		71,160			Natural Gas	Natural Gas = MCF X 102,500	,500	0			Total	Total BTU Consumption/Yr	tion/Yr	717,806,119	
General Notes:	5000				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06:	0				Gross Area (ft) 2	2	8,895	ĭ
					Other Fuel			0			ο	Divided by 100,000 =	= 0	0.8070	THERMS
					TOT	TOTAL BTU's x 1,000	000	717,806							
COST / SQ. FT. / YEAR	./YEAR		\$2.11												

BUILDING: FY YEAR:	Findlay Athletic Complex 2013														
	DEGREE DAYS (DD)	AYS (DD)			ELECTRICITY	СПУ			NATUI	NATURAL GAS			FUEL OII		TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	9,300	23	\$0.099	\$919	7	0.02	\$8.88	59	0	\$4.50	\$0	226\$
August	ന	184	100%	10,260	55	\$0.104	\$1,066	22	0.12	\$7.41	164	0	\$4.50	\$0	\$1,229
September	145	29	100%	7,080	33	\$0.096	\$682	20	0.10	\$6.00	122	0	\$4.50	\$0	\$805
October	414	9	100%	5,950	14	\$0.081	\$480	41	0.10	\$3.69	151	0	\$4.50	\$0	\$631
November	775	0	100%	5,540	7	\$0.078	\$434	66	0.13	\$2.75	271	0	\$4.50	\$0	\$705
December	914	0	100%	5,540	9	\$0.076	\$422	182	0.20	\$2.66	484	0	\$4.50	\$0	906\$
1st half yr	2251	099		43,670	15	\$0.089	\$4,003	370	0.13	\$3.38	\$1,250	0	\$4.50	\$0	\$5,254
January	1141	0	100%	5,540	ß	\$0.076	\$420	299	0.26	\$3.04	910	0	\$4.50	\$	\$1,330
February	1034	0	100%	6,496	9	\$0.077	\$200	396	0.38	\$3.50	1,382	0	\$4.50	\$0	\$1,882
March	971	0	100%	6,496	7	\$0.083	\$541	428	0.44	\$4.23	1,809	0	\$4.50	\$0	\$2,350
April	550	0	100%	11,121	20	\$0.098	\$1,095	440	080	\$4.71	2,073	0	\$4.50	\$0	\$3,168
May	157	94	100%	6,469	26	\$0.109	\$706	293	1.17	\$5.75	1,684	0	\$4.50	\$0	\$2,390
June	31	162	100%	6,287	33	\$0.102	\$643	210	1.09	\$6.51	1,364	0	\$4.50	\$0	\$2,006
2nd half yr	3884	256		42,410	10	\$0.091	\$3,905	2,066	0.50	\$4.46	\$9,221	0	\$4.50	\$0	\$13,126
TOTALMEAR	6135	916		86,080	12	\$0.090	\$7,908	2,436	0.35	\$4.30	\$10,472	0	\$4.50	\$0	\$18,380
Building Data:		2000			Energy Con	sumption to BT	Energy Consumption to BTU Conversions								
Gross Area (ft)2		6,593			Electricity =	Electricity = KWH X 3413		293,791		Ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3		52,744			Natural Gas	Natural Gas = MCF X 102,500	200	249,649			Total	Total BTU Consumption/Yr	tion/Yr	543,439,699	
								re				Gross Area (ft) 2	2	6,593	ž.
General Notes:	00				Fuel Oil = G	Fuel Oil = Gallons X 138,690	06	0			ä	Divided by 100 000 =	=======================================	0.8243	THERMS
					Other Fuel			0			i		2	2	

543,440

TOTAL BTU's x 1,000

\$2.79

BUILDING: FY YEAR:	LRC ASC a 2013	LRC ASC and Concourse 2013	e S											DATE:	: 09/13/14
	DEGREE	DEGREE DAYS (DD)			ELECTRICITY	ICITY			NATU	NATURAL GAS			FUEL OII		TOTAL
MONTH	Heating	Cooling	% P.F.	kvvh	kWh per DD	Cost per kVVh	TOTAL	1000 cubic feet (Mcf)	Mcf per DD	Cost per Mcf	TOTAL	Load-shed Hours	Cost per Gal	@20 Gal/Hr TOTAL	ENERGY
July	0	403	100%	118,091	293	\$0.099	\$11,665	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$11,665
August	က	184	100%	101,816	544	\$0.104	\$10,574	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,574
September	145	29	100%	101,438	478	\$0.096	\$9,778	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,778
October	414	9	100%	140,516	335	\$0.081	\$11,343	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$11,343
November	775	0	100%	224,174	289	\$0.078	\$17,563	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$17,563
December	914	0	100%	305,174	334	\$0.076	\$23,257	0	0.00	\$0.00	80	0	\$4.50	\$0	\$23,257
1st half yr	2251	099		991,209	341	\$0.089	\$84,180	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$84,180
January	1141	0	100%	289.512	254	\$0.076	\$21,939	0	0.00	\$0.00	80	0	\$4.50	80	\$21,939
February	1034	0	100%	307,626	298	\$0.077	\$23,687	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$23,687
March	971	0	100%	311,052	320	\$0.083	\$25,924	0	00.0	\$0.00	\$0	0	\$4.50	\$0	\$25,924
April	220	0	100%	224.625	408	\$0.098	\$22.125	0	0.00	\$0.00	0\$	0	\$4.50	08	\$22.125
May	157	94	100%	147,782	589	\$0.109	\$16,123	0	0.00	\$0.00	\$0	0	\$4.50	80	\$16,123
June	31	162	100%	100,126	519	\$0.102	\$10,233	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$10,233
2nd half yr	3884	256		1,380,723	334	\$0.091	\$120,031	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$120,031
TOTALMEAR	6135	916		2,371,932	336	\$0.090	\$204,210	0	00.0	\$0.00	\$0	0	\$4.50	\$0	\$204,210
Building Data:		1969			Energy Cor	sumption to	Energy Consumption to BTU Conversions								
Gross Area (ft)2	~:	127,430			Electricity =	Electricity = KWH X 3413	e	BTU's x 1,000 8,095,404			Energy Utilization Index =	ı İndex =			
Gross Volume (ft)3	(f)3	1,019,440			Natural Gas	Natural Gas = MCF X 102,500	2,500	0			Total	Total BTU Consumption/Yr	tion/Yr	8,095,404,257	
N les					1	V 420 600	000	c		•		Gross Area (ft) 2	2	127,430	ĭ
Gellel al Notes.					5 5	Jamons A 130	0,000	o			Div	Divided by 100,000 =	= 0(0.6353	THERMS
					Other Fuel			0							
					TOT	TOTAL BTU's x 1,000	000'	8,095,404							
COST / SQ. FT. / YEAR	./YEAR		\$1.60												
WATER / SQ. FT. / YEAR	T./YEAR		\$0.10												

BUILDING: FY YEAR:	Non-Acaden 2013	Non-Academic Services Center 2013	Center											DATE:	09/13/14
	DEGREE DAYS (DD)	OAYS (DD)			ELECTRICITY	CITY			NATU	NATURAL GAS			FUEL OIL		TOTAL
MONTH	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	ENERGY COST
e															
July	0	403	100%	168,735	419	\$0.099	\$16,667	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$16,667
August	က	184	100%	139,430	746	\$0.104	\$14,481	0	00.0	\$0.00	\$0	0	\$4.50	80	\$14,481
September	145	29	100%	93,449	441	\$0.096	\$9,008	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$9,008
October	414	g	100%	31.011	74	\$0.081	\$2,503	0	0.00	\$0.00	0\$	0	\$4.50	OS	\$2.503
November	775	0	100%	15,355	20	\$0.078	\$1,203	0	0.00	\$0.00	0\$	0	\$4.50	80	\$1.203
December	914	0	100%	39,167	43	\$0.076	\$2,985	0	0.00	\$0.00	\$0	0	\$4.50	80	\$2,985
1st half yr	2251	099		487,146	167	\$0.089	\$46,847	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$46,847
yaniah.	1141	c	100%	42 747	37	\$0.076	\$3 239	c	0	00 08	Ç	c	54.50	U\$	\$3 239
Pohmon	7007		1000/	40,420		220.03	62,44		000	00.00	9 6		02.76	9 6	62,14
Marsh	1034	o c	100%	40,430	n 0	\$0.077	43,114	o c	00.0	00.04	0 6	o c	06.46	00	62,-14
Marci	-	>	8,001	770,00	o S	\$0.00	93,044	0	0.00	00.00	0	5	94.30	06	93,044
April	550	0	100%	19,949	36	\$0.098	\$1,965	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$1,965
May	157	94	100%	77,536	309	\$0.109	\$8,459	0	0.00	\$0.00	\$0	0	\$4.50	80	\$8,459
June	31	162	100%	111,528	829	\$0.102	\$11,398	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$11,398
2nd half yr	3884	256		328,719	79	\$0.091	\$31,219	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$31,219
TOTAL MEAD	8125	910		915 966	7	00000	879 068	c	000	00 00	ĕ	c	03 20	Ş	879 066
O ALTEAR	1	0 8		000,010	0	\$0.080	9/9/000	o	0.00	00.0¢	00	Þ	94:00	000	9/0/00
Building Data:		1969			Energy Con	sumption to B	Energy Consumption to BTU Conversions								
Gross Area (ft)2		14,881			Electricity =	Electricity = KWH X 3413		2,784,549		ш	Energy Utilization Index =	lndex =			
Gross Volume (ft)3	(ft)3	119,048			Natural Gas	Natural Gas = MCF X 102,500	,500	0		ı	Total	Total BTU Consumption/Yr	otion/Yr	2,784,548,952	
General Notes:					Fuel Oil = G	Fuel Oil = Gallons X 138,690	990	0				Gross Area (ft) 2	7	14,881	
					Other Fuel			0			Δį	Divided by 100,000 =	= 00	1.8712	THERMS
					TOT/	TOTAL BTU's x 1,000	000	2,784,549							
COST / SQ. FT. / YEAR	T. / YEAR		\$5.25												

	DEGREE DAYS (DD)	AYS (DD)			ELECTRICITY	стү			NATU	NATURAL GAS			FUEL OI	- -	TOTAL
MONTH	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	ENERGY COST
July	0	403	100%	43,798	109	\$0.099	\$4,326	0	0.00	\$0.00	80	0	\$4.50	\$0	\$4,326
August	က	184	100%	44,365	237	\$0.104	\$4,608	0	00.0	\$0.00	\$0	0	\$4.50	\$0	\$4,608
September	145	29	100%	47,253	223	\$0.096	\$4,555	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$4,555
October	414	9	100%	53.188	127	\$0.081	\$4.294	0	0.00	\$0.00	80	0	\$4.50	\$0	\$4.294
November	775	0	100%	67,272	87	\$0.078	\$5,270	0	0.00	\$0.00	80	0	\$4.50	\$0	\$5,270
December	914	0	100%	80,710	88	\$0.076	\$6,151	0	0.00	\$0.00	80	0	\$4.50	0\$	\$6,151
1st half yr	2251	099		336,587	116	\$0.089	\$29,203	0	0.00	\$0.00	\$0	0	\$4.50	0\$	\$29,203
January	1141	0	100%	74,619	65	\$0.076	\$5,655	0	0.00	\$0.00	80	0	\$4.50	\$0	\$5,655
February	1034	0	100%	84,351	82	\$0.077	\$6,495	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$6,495
March	971	0	100%	78,188	81	\$0.083	\$6,516	0	00.0	\$0.00	\$0	0	\$4.50	\$0	\$6,516
April	550	0	100%	47,114	98	\$0.098	\$4,641	0	0.00	\$0.00	80	0	\$4.50	\$0	\$4,641
May	157	94	100%	35,223	140	\$0.109	\$3,843	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$3,843
June	31	162	100%	36,136	187	\$0.102	\$3,693	0	00.0	\$0.00	\$0	0	\$4.50	\$0	\$3,693
2nd half yr	3884	256		355,630	98	\$0.091	\$30,842	0	0.00	\$0.00	\$0	0	\$4.50	0\$	\$30,842
TOTALMEAR	6135	916		692,217	98	\$0.090	\$60,046	0	0.00	\$0.00	\$0	0	\$4.50	\$0	\$60,046
Building Data:		1974			Energy Con	sumption to E	Energy Consumption to BTU Conversions								
Gross Area (ft)2		30,601			Electricity =	Electricity = KWH X 3413		2,362,536		ш	Energy Utilization Index =	n Index =			
Gross Volume (ft)3	t)3	244,808			Natural Gas	Natural Gas = MCF X 102,500	2,500	0		•	Total	Total BTU Consumption/Yr	tion/Yr	2,362,535,597	i
General Notes:					Fire Oil	Firel Oil = Gallons X 138 690	089	c		1		Gross Area (ft) 2	2	30,601	í
					Other Fuel			. 0			ā	Divided by 100,000 =	= 00	0.7720	THERMS
					FOF	TOTAL PTILL A TOTAL	000	0020000							