

Energy Audit, First 20%  
The University of Kansas  
January 30, 2012

Building Name	Bldg #	Year Built	Building GSF	Building NASF	CBECS Building Type	KU BUILDING ENERGY USE TOTALS						CBECS DATABASE BUILDING TOTALS						PERCENT VARIATION FROM CBECS					
						Elec kBtu/SF	Elec \$/SF	Fuel kBtu/SF	Fuel \$/SF	Total kBtu/SF	Total \$/SF	Elec kBtu/SF	Elec \$/SF	Fuel kBtu/SF	Fuel \$/SF	Total kBtu/SF	Total \$/SF	Elec kBtu/SF	Elec \$/SF	Fuel kBtu/SF	Fuel \$/SF	Total kBtu/SF	Total \$/SF
Allen Fieldhouse	59	1955	281,587	169,720	Entertainment/culture	30.62	\$0.58	70.43	\$0.76	101.05	\$1.33	51.42	\$0.98	95.85	\$1.03	147.27	\$2.01	-40.5%	-41.0%	-26.5%	-26.5%	-31.4%	-33.6%
Ambler Student Recreation & Fitness	205	2003	151,279	109,679	Recreation	101.14	\$1.96	101.94	\$1.08	203.08	\$3.04	40.06	\$0.79	74.60	\$0.46	114.65	\$1.25	152.5%	149.8%	36.7%	134.4%	77.1%	144.1%
Anderson Family Football Complex	219	2008	84,035	55,702	Administrative/professional office	88.93	\$1.74	110.14	\$0.76	199.06	\$2.50	61.07	\$1.17	38.09	\$0.29	99.15	\$1.46	45.6%	48.7%	189.2%	165.1%	100.8%	71.6%
Anschutz Library	179	1989	149,720	113,339	Library	60.15	\$1.17	89.43	\$0.94	149.58	\$2.11	57.83	\$1.12	94.32	\$0.93	152.15	\$2.05	4.0%	4.2%	-5.2%	1.8%	-1.7%	3.1%
Anschutz Sports Pavillion	173	1984	175,892	139,229	Entertainment/culture	18.57	\$0.36	14.55	\$0.07	33.12	\$0.42	51.42	\$0.98	95.85	\$1.03	147.27	\$2.01	-63.9%	-63.6%	-84.8%	-93.6%	-77.5%	-79.0%
Art & Design Building	151	1977	159,300	105,238	College/university	45.08	\$0.87	29.56	\$0.32	74.64	\$1.19	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	1.9%	19.9%	-74.4%	-74.9%	-53.2%	-40.4%
Bailey Hall	35	1900	67,085	34,731	College/university	17.51	\$0.34	32.52	\$0.36	50.03	\$0.70	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-60.4%	-53.1%	-71.8%	-71.5%	-68.7%	-64.8%
Blake Hall	17	1964	50,010	27,194	College/university	47.48	\$0.94	126.88	\$1.38	174.36	\$2.33	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	7.3%	30.1%	10.0%	9.2%	9.3%	16.9%
Bridwell Research Laboratory	98	1965	8,970	7,436	Laboratory	48.17	\$0.91	35.61	\$0.30	83.79	\$1.21	97.05	\$1.65	207.62	\$1.65	304.67	\$3.30	-50.4%	-45.0%	-82.8%	-81.6%	-72.5%	-63.3%
Burge Union	158	1979	48,250	31,259	College/university	74.54	\$1.45	21.30	\$0.23	95.84	\$1.68	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	68.5%	100.0%	-81.5%	-81.8%	-39.9%	-15.5%
Burt Hall	85	1961	19,155	13,056	College/university	43.06	\$0.83	72.45	\$0.81	115.51	\$1.64	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-2.6%	14.1%	-37.2%	-35.9%	-27.6%	-17.6%
Carruth O'Leary	77	1955	50,315	33,051	Administrative/professional office	43.44	\$0.85	80.75	\$0.88	124.18	\$1.73	61.07	\$1.17	38.09	\$0.29	99.15	\$1.46	-28.9%	-27.5%	112.0%	207.6%	25.2%	18.8%
Chancellor's Residence	14	1912	11,360	9,463	Dormitory/fraternity/sorority	26.80	\$0.52	32.79	\$0.37	59.58	\$0.89	24.41	\$0.44	142.50	\$1.29	166.92	\$1.73	9.8%	19.3%	-77.0%	-71.3%	-64.3%	-48.5%
Child Care Facility	196	2000	25,300	17,345	College/university	104.28	\$2.04	132.70	\$0.55	236.98	\$2.59	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	135.8%	181.3%	15.0%	-56.2%	48.5%	30.4%
Dole Human Development Center	180	1990	132,965	78,821	College/university	31.54	\$0.60	24.00	\$0.27	55.55	\$0.87	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-28.7%	-16.9%	-79.2%	-78.8%	-65.2%	-56.2%
Dole Institute of Politics	201	2003	27,150	18,695	Library	158.47	\$3.09	179.31	\$0.71	337.77	\$3.80	57.83	\$1.12	94.32	\$0.93	152.15	\$2.05	174.02%	176.66%	90.11%	-23.55%	122.00%	85.91%
Dyche Hall	5	1903	107,530	71,772	College/university	47.56	\$0.93	36.43	\$0.40	84.00	\$1.33	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	7.5%	28.1%	-68.4%	-68.6%	-47.4%	-33.3%
Eaton Hall	204	2003	84,735	48,954	College/university	93.46	\$1.82	108.22	\$1.16	201.69	\$2.98	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	111.3%	150.3%	-6.2%	-8.3%	26.4%	49.5%
FO Construction & Landscape	177	1986	20,540	18,728	Repair shop	19.69	\$0.47	73.89	\$0.25	93.57	\$0.73	43.57	\$0.79	23.73	\$0.18	67.30	\$0.97	-54.8%	-39.9%	211.4%	40.8%	39.0%	-24.9%
FO Main Building	30	1908	24,720	19,763	Administrative/professional office	13.26	\$0.26	32.69	\$0.36	45.95	\$0.62	61.07	\$1.17	38.09	\$0.29	99.15	\$1.46	-78.3%	-77.7%	-14.2%	25.1%	-53.7%	-57.4%
FO Vehicle Maintenance Shop	176	1986	12,000	10,834	Vehicle service/repair shop	35.89	\$0.88	61.68	\$0.26	97.57	\$1.14	34.34	\$0.86	45.16	\$0.36	79.50	\$1.22	4.5%	2.3%	36.6%	-28.1%	22.7%	-6.6%
FO Warehouse	202	1999	53,009	50,856	Repair shop	31.37	\$0.61	57.62	\$0.23	88.99	\$0.83	43.57	\$0.79	23.73	\$0.18	67.30	\$0.97	-27.99%	-23.14%	142.82%	27.84%	32.24%	-13.70%
Fraser Hall	97	1967	124,095	67,440	College/university	23.96	\$0.46	36.73	\$0.40	60.69	\$0.86	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-45.8%	-36.7%	-68.2%	-68.4%	-62.0%	-56.8%
Green Hall	150	1977	101,970	64,770	College/university	45.67	\$0.89	50.20	\$0.54	95.87	\$1.43	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	3.2%	23.1%	-56.5%	-57.2%	-39.9%	-27.9%
Haworth Hall	104	1969	279,690	166,965	Laboratory	81.37	\$1.58	104.46	\$1.12	185.83	\$2.70	97.05	\$1.65	207.62	\$1.65	304.67	\$3.30	-16.2%	-4.3%	-49.7%	-32.2%	-39.0%	-18.2%
Hoglund Ballpark	188	1970	10,994	4,555	Entertainment/culture	234.97	\$4.47	54.06	\$0.52	289.03	\$4.99	51.42	\$0.98	95.85	\$1.03	147.27	\$2.01	357.0%	357.2%	-43.6%	-49.6%	96.3%	148.3%
Horejsi Family Athlete Center	197	1999	22,640	17,892	Recreation	49.66	\$0.99	55.58	\$0.23	105.23	\$1.22	40.06	\$0.79	74.60	\$0.46	114.65	\$1.25	24.0%	25.8%	-25.5%	-50.3%	-8.2%	-2.3%
Joseph R. Pearson	80	1959	143,020	75,749	College/university	36.62	\$0.71	22.39	\$0.25	59.01	\$0.96	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-17.2%	-1.8%	-80.6%	-80.3%	-63.0%	-51.7%
Kansas Memorial Union	2	1927	249,265	147,707	College/university	49.69	\$0.97	37.54	\$0.41	87.23	\$1.38	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	12.3%	33.4%	-67.5%	-67.6%	-45.3%	-30.8%
Learned Hall	88	1963	225,115	144,837	College/university	58.34	\$1.14	65.61	\$0.72	123.96	\$1.86	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	31.9%	57.3%	-43.1%	-43.4%	-22.3%	-6.7%
Library Annex	214	2006	17,510	13,726	Library	92.25	\$1.80	85.40	\$0.74	177.65	\$2.54	57.83	\$1.12	94.32	\$0.93	152.15	\$2.05	59.5%	61.2%	-9.5%	-20.5%	16.8%	24.2%
Lied Center	184	1993	80,150	41,027	Entertainment/culture	92.51	\$1.79	105.73	\$0.40	198.24	\$2.19	51.42	\$0.98	95.85	\$1.03	147.27	\$2.01	79.9%	83.6%	10.3%	-61.5%	34.6%	9.1%
Lindley Hall	42	1943	86,200	53,002	College/university	44.11	\$0.87	48.55	\$0.52	92.65	\$1.38	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-0.3%	19.3%	-57.9%	-59.2%	-41.9%	-30.6%
Malott Hall	58	1954	331,925	194,147	Laboratory	73.80	\$1.42	96.68	\$1.04	170.48	\$2.47	97.05	\$1.65	207.62	\$1.65	304.67	\$3.30	-24.0%	-13.9%	-53.4%	-36.8%	-44.0%	-25.3%
Marvin Hall	41	1908	55,225	35,362	College/university	34.73	\$0.68	36.39	\$0.39	71.11	\$1.07	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-21.5%	-6.6%	-68.5%	-68.9%	-55.4%	-46.2%
McCullum Laboratory	141	1971	17,530	11,117	Laboratory	142.71	\$2.73	128.48	\$0.49	271.19	\$3.22	97.05	\$1.65	207.62	\$1.65	304.67	\$3.30	47.0%	65.1%	-38.1%	-70.0%	-11.0%	-2.4%
Memorial Stadium	50	1921	245,050	82,723	Entertainment/culture	73.55	\$1.38	8.53	\$0.07	82.08	\$1.46	51.42	\$0.98	95.85	\$1.03	147.27	\$2.01	43.0%	41.7%	-91.1%	-92.8%	-44.3%	-27.4%
Military Science	46	1943	38,480	26,220	College/university	30.44	\$0.59	33.81	\$0.37	64.24	\$0.96	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	-31.2%	-19.0%	-70.7%	-70.7%	-59.7%	-51.8%
Moore Hall	139	1973	46,850	28,121	College/university	84.48	\$1.63	79	\$0.31	163.26	\$1.93	44.23	\$0.73	115.34	\$1.26	159.58	\$1.99	91.0%	124.4%	-31.7%	-75.8%	2.3%	-2.8%
Multidisciplinary Research Building	220	2005	112,990	55,503	College/university	240.39	\$4.75	408	\$2.53	648.77	\$7.28	97.05	\$1.65	207.62	\$1.65	304.67	\$3.30	147.7%	187.4%	96.7%	53.3%	112.9%	120.4%

Notes:

1. Building names, numbers, year built, gross square footage (GSF) and net assignable square footage (NASF) from <http://www.kansasregents.org/resources/PDF/1096-2010InventoryofPhysicalFacilities.pdf>.
2. Omits non-state owned buildings, buildings less than 5,000 GSF, and buildings for which energy data was unavailable at the time of this report.
3. KU building energy use totals from KU Facilities Operations' EnergyCap system for calendar year 2010.
4. CBECS database building totals from U.S. Energy Information Administration's Commercial Buildings Energy Consumption Survey, 2003, from <http://www.eia.gov/emeu/cbecs/>. Includes non-commercial building types.

HOUSE ENERGY AND UTILITIES  
DATE: 2.15.2012  
ATTACHMENT 2