



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Total Energy (MBTU)	FY17 Utility Costs used- Fully Loaded Rate Electricity - \$0.089/ kwh Chilled Water - \$15.48/ MBTU Steam - \$19.37/ Klb Gas - \$0.0495/ therm <small>*Only the top 175 buildings are included in the totals. Petascale is excluded</small>	Average EUI (BTU/SQFT/ YR)	% of campus total utility costs	Campus total utility Costs
	3,373,448.8	187,451	96.46	

FY 2017 Energy Consumption Report- Top 175 Buildings

Bldg ID	Building Name	Rank	Electric MBTU	Steam MBTU	ChW MBTU	GAS MBTU	Total MBTU	Cummulative MBTU	% of Cummulative Energy	Total GSF	Energy Utilitization Index	Utility Cost (\$)	% of Total Cost	Cumulative Cost (\$)
0116	Roger Adams Laboratory	1	30,479.0	43,277.0	36,909.0	86.6	110,751.6	110,751.6	1.6%	268,297	412,795	2,180,242.0	3.45	2,180,242.0
0228	Beckman Institute	2	24,684.0	53,466.0	31,814.0	68.6	110,032.6	220,784.2	3.2%	357,600	307,697	2,141,823.9	3.38	4322065.895
0070	Chemical & Life Sciences Laboratory	3	28,326.0	36,719.0	41,704.0	-	106,749.0	327,533.2	4.7%	231,316	461,486	2,074,976.0	3.28	6,397,041.9
0237	Micro and Nanotechnology Laboratory	4	22,156.0	37,307.0	45,081.0	-	104,544.0	432,077.2	6.3%	147,347	709,509	1,977,368.9	3.12	8,374,410.8
1080	Institute for Genomic Biology	5	28,553.0	25,239.0	33,110.0	11.4	86,913.4	518,990.6	7.5%	219,789	395,440	1,731,971.7	2.74	10,106,382.5
0292	Veterinary Teaching Hospital	6	13,975.0	30,572.0	26,582.0	-	71,129.0	590,119.6	8.6%	233,703	304,356	1,350,950.7	2.14	11,457,333.1
0336	Madigan Laboratory, Edward R	7	18,497.0	25,281.0	24,816.0	256.0	68,850.0	658,969.6	9.5%	171,007	402,615	1,342,077.7	2.12	12,799,410.9
0138	Burrill Hall	8	12,932.0	31,561.0	21,411.0	8.7	65,912.7	724,882.3	10.5%	171,832	383,588	1,262,296.9	1.99	14,061,707.8
0118	Activities & Recreation Center	9	10,273.0	39,269.0	16,353.0	-	65,895.0	790,777.3	11.5%	442,235	149,004	1,259,595.5	1.99	15,321,303.3
0023	Illini Union	10	12,286.0	25,699.0	26,357.0	934.0	65,276.0	856,053.3	12.4%	305,130	213,928	1,211,816.5	1.92	16,533,119.8
0066	Seitz Materials Research Lab	11	13,912.0	24,002.0	25,206.0	-	63,120.0	919,173.3	13.3%	123,151	512,542	1,204,452.6	1.90	17,737,572.4
0350	Vet Med Basic Sciences Building	12	15,741.0	20,167.0	26,054.0	-	61,962.0	981,135.3	14.2%	259,413	238,855	1,193,167.7	1.89	18,930,740.1
0242	Morrill Hall	13	10,769.0	24,601.0	25,727.0	4.0	61,101.0	1,042,236.3	15.1%	170,210	358,974	1,141,799.3	1.80	20,072,539.3
0041	Library	14	7,623.0	27,967.0	15,784.0	1,706.0	53,080.0	1,095,316.3	15.9%	562,532	94,359	969,204.7	1.53	21,041,744.0
0072	Memorial Stadium	15	18,153.0	21,610.0	10,734.0	580.2	51,077.2	1,146,393.5	16.6%	771,828	66,177	1,046,095.2	1.65	22,087,839.2
0052	Krannert Center for Performing Arts	16	8,844.0	24,268.0	14,297.0	-	47,409.0	1,193,802.5	17.3%	499,644	94,886	908,387.8	1.44	22,996,227.1
Campus State Farm Center		17	13,399.0	15,082.0	14,307.0	-	42,788.0	1,236,590.5	17.9%	315,821	135,482	854,606.8	1.35	23,850,833.9
0076	Psychology Laboratory	18	6,108.0	22,397.0	12,655.0	1,292.2	42,452.2	1,279,042.7	18.5%	154,523	274,731	776,481.0	1.23	24,627,314.9
0024	Newmark Civil Engineering Building	19	17,151.0	12,397.0	12,542.0	132.6	42,222.6	1,321,265.3	19.1%	208,959	202,062	874,666.2	1.38	25,501,981.1
0210	Digital Computer Laboratory	20	10,827.0	14,836.0	15,646.0	7.6	41,316.6	1,362,581.9	19.7%	194,280	212,665	803,619.6	1.27	26,305,600.6
0012	Noyes Laboratory of Chemistry	21	18,367.0	12,452.0	9,828.0	31.2	40,678.2	1,403,260.1	20.3%	184,711	220,226	865,401.4	1.37	27,171,002.1
0067	Loomis Laboratory of Physics	22	9,179.0	13,586.0	15,924.0	4.7	38,693.7	1,441,953.8	20.9%	175,513	220,461	741,428.5	1.17	27,912,430.6
0174	Engineering Sciences Building	23	6,711.0	15,535.0	15,630.0	51.2	37,927.2	1,479,881.0	21.4%	107,724	352,078	709,155.9	1.12	28,621,586.4
0197	Turner Hall	24	8,704.0	16,895.0	11,762.0	11.5	37,372.5	1,517,253.5	22.0%	180,003	207,622	726,839.4	1.15	29,348,425.9
0275	Food Service Building - ISRH	25	2,917.0	33,990.0	-	-	36,907.0	1,554,160.5	22.5%	48,015	768,656	715,298.2	1.13	30,063,724.1
0563	Siebel Center for Computer Science	26	12,825.0	10,140.0	13,660.0	-	36,625.0	1,590,785.5	23.1%	266,825	137,262	736,680.4	1.16	30,800,404.5
0297	Food Service Building - FARH	27	1,298.0	20,761.0	13,786.0	318.4	36,163.4	1,626,948.9	23.6%	81,998	441,028	637,708.3	1.01	31,438,112.8
0192	Medical Sciences Building	28	7,907.0	16,261.0	11,251.0	3.6	35,422.6	1,662,371.5	24.1%	114,784	308,602	686,216.6	1.08	32,124,329.4
1247	Ikenberry Dining Hall	29	7,777.0	12,426.0	11,158.0	3,827.3	35,188.3	1,697,559.8	24.6%	139,557	252,143	609,454.9	0.96	32,733,784.3
0105	Pennsylvania Lounge Building	30	3,745.0	21,820.0	5,126.0	1,449.0	32,140.0	1,729,699.8	25.1%	50,928	631,087	587,451.4	0.93	33,321,235.8
0099	Undergraduate Library	31	4,828.0	9,058.0	17,251.0	-	31,137.0	1,760,836.8	25.5%	95,906	324,662	563,324.2	0.89	33,884,559.9
0124	National Soybean Research Center	32	6,192.0	12,756.0	10,908.0	25.9	29,881.9	1,790,718.7	26.0%	98,855	302,280	570,258.9	0.90	34,454,818.8
0017	Advanced Computation Bldg	33	14,638.0	1,889.0	13,249.0	-	29,776.0	1,820,494.7	26.4%	45,346	656,640	622,442.3	0.98	35,077,261.1
0321	Natural Resource Studies Annex	34	3,063.0	-	10,735.0	15,923.7	29,721.7	1,850,216.4	26.8%	65,416	454,350	246,862.6	0.39	35,324,123.7
0112	Mechanical Engineering Building	35	9,402.0	8,959.0	10,425.0	-	28,786.0	1,879,002.4	27.2%	100,518	286,377	575,106.0	0.91	35,899,229.7
0158	Bevier Hall	36	5,491.0	13,976.0	8,344.0	202.1	28,013.1	1,907,015.5	27.6%	156,771	178,688	535,234.8	0.85	36,434,464.5
0148	Coordinated Science Laboratory	37	9,016.0	6,822.0	11,613.0	-	27,451.0	1,934,466.5	28.0%	124,008	221,365	543,239.6	0.86	36,977,704.1
0256	Plant Sciences Laboratory	38	9,783.0	16,159.0	-	1.1	25,943.1	1,960,409.6	28.4%	100,848	257,250	559,067.1	0.88	37,536,771.2
0165	Animal Sciences Laboratory	39	7,750.0	8,954.0	9,217.0	0.2	25,921.2	1,986,330.8	28.8%	149,211	173,722	513,220.7	0.81	38,049,991.9
0564	Nat Center for Supercomp Appl	40	7,383.0	7,181.0	10,617.0	-	25,181.0	2,011,511.8	29.2%	141,708	177,696	491,977.0	0.78	38,541,968.9
0409	Electrical and Computer Engineering	41	9,845.0	9,161.0	6,127.0	-	25,133.0	2,036,644.8	29.5%	238,390	105,428	523,927.1	0.83	39,065,896.0
0156	Law Building	42	5,081.0	10,504.0	8,347.0	209.0	24,141.0	2,060,785.8	29.9%	189,730	127,239	459,293.2	0.73	39,525,189.2



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Total Energy (MBTU)	<u>FY17 Utility Costs used- Fully Loaded Rate</u> Electricity - \$0.089/ kwh Chilled Water - \$15.48/ MBTU Steam - \$19.37/ Klb Gas - \$0.0495/ therm <small>*Only the top 175 buildings are included in the totals. Petascale is excluded</small>	Average EUI (BTU/SQFT/ YR)	Top 175 bldg. Total Cost (\$)	% of campus total utility costs	Campus total utility Costs
	3,373,448.8				

FY 2017 Energy Consumption Report- Top 175 Buildings

Bldg ID	Building Name	Rank	Electric MBTU	Steam MBTU	ChW MBTU	GAS MBTU	Total MBTU	Cummulative MBTU	% of Cummulative Energy	Total GSF	Energy Utilitization Index	Utility Cost (\$)	% of Total Cost	Cumulative Cost (\$)
1252	Bousfield Hall	43	4,037.0	14,848.0	4,844.0		23,729.0	2,084,514.8	30.2%	186,114	127,497	459,516.8	0.73	39,984,706.0
1248	Timothy J. Nugent Hall	44	7,158.0	6,253.0	10,222.0		23,633.0	2,108,147.8	30.6%	115,517	204,585	462,541.6	0.73	40,447,247.5
0039	Music Building	45	3,273.0	9,842.0	10,331.0		23,446.0	2,131,593.8	30.9%	105,343	222,568	430,385.1	0.68	40,877,632.6
0160	Education Building	46	3,314.0	10,634.0	9,448.0		23,396.0	2,154,989.8	31.2%	94,059	248,737	432,679.9	0.68	41,310,312.5
0003	McKinley Health Center	47	3,563.0	11,621.0	8,044.0		23,228.0	2,178,217.8	31.6%	84,225	275,785	436,002.4	0.69	41,746,314.9
0029	Mechanical Engineering Laboratory	48	6,189.0	6,907.0	8,988.0		22,084.0	2,200,301.8	31.9%	151,860	145,423	430,462.5	0.68	42,176,777.4
0046	Henry Administration Building	49	6,172.0	11,113.0	3,727.0		21,012.0	2,221,313.8	32.2%	160,497	130,918	427,676.1	0.68	42,604,453.4
1075	Gateway Building	50	11,526.0			8,489.7	20,015.7	2,241,329.5	32.5%	9,565	2,092,598	301,069.1	0.48	42,905,522.6
0131	Turner Hall Greenhouses	51	5,782.0	13,095.0			18,877.0	2,260,206.5	32.8%	67,188	280,958	397,082.3	0.63	43,302,604.9
8311	NEWMAN CENTER	52		9,332.0	9,361.0		18,693.0	2,278,899.5	33.0%	-	-	320,404.2	0.51	43,623,009.1
0198	Physical Plant Service Building	53	5,760.0	8,491.0	4,316.0	-	18,567.0	2,297,466.5	33.3%	162,883	113,990	376,738.1	0.60	43,999,747.3
0324	Grainger Engineering Library	54	5,488.0	6,171.0	6,382.0		18,041.0	2,315,507.5	33.6%	126,838	142,237	357,995.3	0.57	44,357,742.6
1073	Forbes Natural History Building	55	6,488.0			11,475.8	17,963.8	2,333,471.3	33.8%	65,151	275,726	169,803.7	0.27	44,527,546.3
0364	Campus Recreation Center - East	56	3,991.0	7,723.0	6,248.0		17,962.0	2,351,433.3	34.1%	104,575	171,762	346,059.3	0.55	44,873,605.6
0377	ACES Library, Info. & Alumni Center	57	3,215.0	7,835.0	6,299.0		17,349.0	2,368,782.3	34.3%	82,742	209,676	328,713.5	0.52	45,202,319.1
0015	Engineering Hall	58	2,687.0	10,419.0	4,089.0		17,195.0	2,385,977.3	34.6%	93,189	184,517	329,324.4	0.52	45,531,643.5
1074	Z Building	59	5,279.0			11,822.3	17,101.3	2,403,078.6	34.8%	24,512	697,671	138,284.8	0.22	45,669,928.3
0272	Wardall Hall - ISRH - Women's Bldg	60	2,813.0		14,021.0		16,834.0	2,419,912.6	35.1%	112,616	149,481	290,420.5	0.46	45,960,348.9
0206	Illinois Sustainable Technology Center	61	3,250.0		4,626.0	8,760.3	16,636.3	2,436,548.9	35.3%	52,887	314,563	156,818.4	0.25	46,117,167.3
0060	Smith Memorial Hall	62	1,442.0	12,391.0	2,720.0		16,553.0	2,453,101.9	35.6%	76,307	216,926	312,742.3	0.49	46,429,909.6
0034	Materials Science and Eng Bldg	63	3,771.0	8,398.0	4,269.0	0.6	16,438.6	2,469,540.5	35.8%	101,803	161,475	322,379.8	0.51	46,752,289.4
0014	Ice Arena	64	6,907.0	7,762.0		1,664.1	16,333.1	2,485,873.6	36.0%	51,676	316,067	326,218.2	0.52	47,078,507.6
0172	Foreign Languages Building	65	4,096.0	7,992.0	4,181.0		16,269.0	2,502,142.6	36.3%	117,715	138,207	321,859.8	0.51	47,400,367.3
0027	Lincoln Hall	66	3,688.0	7,884.0	4,679.0		16,251.0	2,518,393.6	36.5%	175,836	92,421	316,895.3	0.50	47,717,262.7
0217	Housing Food Stores	67	6,594.0	5,647.0		3,751.5	15,992.5	2,534,386.1	36.7%	51,162	312,585	278,382.8	0.44	47,995,645.4
0001	Davenport Hall	68	4,746.0	7,884.0	2,883.0	25.9	15,538.9	2,549,925.0	37.0%	110,943	140,062	316,691.8	0.50	48,312,337.3
0006	Armory	69	3,797.0	6,964.0	4,442.0		15,203.0	2,565,128.0	37.2%	258,510	58,810	298,768.4	0.47	48,611,105.7
0289	Water Survey Research Center Grounds	70	7,102.0			8,035.3	15,137.3	2,580,265.3	37.4%	10,923	1,385,819	185,649.2	0.29	48,796,754.9
0159	Wohlrs Hall	71	3,846.0	8,869.0	2,268.0		14,983.0	2,595,248.3	37.6%	99,551	150,506	302,218.1	0.48	49,098,973.1
0058	Huff Hall	72	4,349.0	7,334.0	3,252.0		14,935.0	2,610,183.3	37.8%	182,536	81,819	301,704.0	0.48	49,400,677.0
1215	iHotel	73	3,708.0		4,472.0	6,563.6	14,743.6	2,624,926.8	38.0%	78,753	187,213	166,272.4	0.26	49,566,949.5
1206	Business Instructional Facility	74	4,123.0	4,862.0	5,610.0		14,595.0	2,639,521.8	38.3%	162,250	89,954	285,822.7	0.45	49,852,772.2
0181	Daniels Hall	75	4,492.0	9,422.0			13,914.0	2,653,435.8	38.5%	112,091	124,131	294,359.6	0.47	50,147,131.9
1094	North Campus Parking Deck	76	5,168.0	6,736.0	1,900.0		13,804.0	2,667,239.8	38.7%	521,441	26,473	290,892.3	0.46	50,438,024.1
0291	Sherman Hall - Single Grad Housing	77	3,254.0	7,288.0	3,149.0	1.0	13,692.0	2,680,931.8	38.9%	112,081	122,162	270,682.1	0.43	50,708,706.2
0219	Art and Design Building	78	2,345.0	9,053.0	1,738.0		13,136.0	2,694,067.8	39.0%	75,077	174,967	258,321.3	0.41	50,967,027.5
1103	Z-2 Building	79	5,611.0			7,341.4	12,952.4	2,707,020.2	39.2%	16,798	771,068	146,723.0	0.23	51,113,750.5
0013	Talbot Laboratory	80	5,250.0	6,096.0	1,511.0	0.5	12,857.5	2,719,877.7	39.4%	110,529	116,327	274,973.8	0.43	51,388,724.3
1214	Conference Center	81	2,311.0	5,070.0	5,448.2		12,829.2	2,732,706.9	39.6%	37,960	337,965	139,034.4	0.22	51,527,758.6
0142	Allen Residence Hall	82	4,190.0	7,232.0	1,236.0		12,658.0	2,745,364.9	39.8%	157,023	80,612	264,430.7	0.42	51,792,189.3
0141	Lincoln Avenue Residence Hall	83	3,284.0	8,952.0		336.0	12,572.0	2,757,936.9	40.0%	150,139	83,736	254,027.6	0.40	52,046,216.9
1241	Gregory Place II	84	5,332.0	3,699.0	3,522.0		12,553.0	2,770,489.9	40.1%	37,200	337,446	263,165.4	0.42	52,309,382.3



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Total Energy (MBTU)	<u>FY17 Utility Costs used- Fully Loaded Rate</u> Electricity - \$0.089/ kwh Chilled Water - \$15.48/ MBTU Steam - \$19.37/ Klb Gas - \$0.0495/ therm <small>*Only the top 175 buildings are included in the totals. Petascale is excluded</small>	Average EUI (BTU/SQFT/ YR)	Top 175 bldg. Total Cost (\$)	% of campus total utility costs	Campus total utility Costs
	3,373,448.8	187,451	63,276,240	96.46	65,597,190

FY 2017 Energy Consumption Report- Top 175 Buildings

Bldg ID	Building Name	Rank	Electric MBTU	Steam MBTU	ChW MBTU	GAS MBTU	Total MBTU	Cummulative MBTU	% of Cumulative Energy	Total GSF	Energy Utilitization Index	Utility Cost (\$)	% of Total Cost	Cumulative Cost (\$)
0032	Natural History Building	85	2,849.0	9,691.0	-	-	12,540.0	2,783,029.9	40.3%	153,284	81,809	256,561.7	0.41	52,565,944.0
0008	Agricultural Engr Sciences Bldg	86	2,660.0	5,713.0	4,062.0	10.3	12,445.3	2,795,475.2	40.5%	106,019	117,387	239,702.5	0.38	52,805,646.5
0296	Oglesby Hall - FARH - Men's Bldg	87	2,864.0	4,154.0	5,341.0		12,359.0	2,807,834.2	40.7%	115,812	106,716	235,503.8	0.37	53,041,150.3
0295	Trelease Hall - FARH - Women's Bldg	88	2,933.0	4,062.0	5,102.0		12,097.0	2,819,931.2	40.9%	116,480	103,855	231,873.8	0.37	53,273,024.1
1249	Wassaja Hall	89	3,582.0	2,497.0	5,289.0	0.1	11,368.1	2,831,299.3	41.0%	-	-	222,266.2	0.35	53,495,290.3
0376	Campbell Hall	90	4,828.0			6,407.0	11,235.0	2,842,534.3	41.2%	40,731	275,834	126,252.7	0.20	53,621,543.0
0109	Natural Resources Building	91	4,948.0	6,184.0			11,132.0	2,853,666.3	41.4%	140,587	79,182	245,360.9	0.39	53,866,903.9
2105	I-Cyt	92	5,963.0			5,137.8	11,100.8	2,864,767.1	41.5%	5,007	2,217,056	155,795.6	0.25	54,022,699.5
0087	Clark Hall	93	1,992.0	6,041.0	2,874.0	1.5	10,908.5	2,875,675.6	41.7%	40,266	270,911	210,055.7	0.33	54,232,755.2
0106	Illini Union Bookstore	94	6,993.0	3,858.0			10,851.0	2,886,526.6	41.8%	96,407	112,554	254,961.1	0.40	54,487,716.4
0044	English Building	95	3,780.0	5,213.0	1,563.0		10,556.0	2,897,082.6	42.0%	121,013	87,230	220,829.1	0.35	54,708,545.4
1210	Z-3 Building	96	4,313.0			6,081.4	10,394.4	2,907,477.0	42.1%	-	-	112,803.1	0.18	54,821,348.5
0111	Busey Hall	97	2,539.0	7,557.0		195.6	10,291.6	2,917,768.6	42.3%	59,347	173,414	208,353.6	0.33	55,029,702.1
1096	Oak Street Library Facility	98	5,931.0			4,359.0	10,290.0	2,928,058.6	42.4%	51,308	200,554	154,922.4	0.24	55,184,624.5
0675	Commercial Airport Terminal Bldg	99	6,758.0			3,339.0	10,097.0	2,938,155.6	42.6%	79,660	126,751	176,443.7	0.28	55,361,068.2
1095	Enterprise Works @ Illinois	100	7,190.0			2,891.9	10,081.9	2,948,237.5	42.7%	57,256	176,085	187,690.0	0.30	55,548,758.3
0064	Freer Hall	101	3,011.0	5,937.0	1,076.0		10,024.0	2,958,261.5	42.9%	93,890	106,763	206,846.8	0.33	55,755,605.1
0026	Altgeld Hall	102	1,576.0	5,720.0	2,329.0		9,625.0	2,967,886.5	43.0%	79,721	120,734	184,731.3	0.29	55,940,336.4
0095	Superconductivity Center	103	2,316.0	3,555.0	3,239.0		9,110.0	2,976,996.5	43.1%	34,081	267,304	177,405.9	0.28	56,117,742.3
0054	David Kinley Hall	104	2,361.0	4,301.0	2,367.0		9,029.0	2,986,025.5	43.3%	80,590	112,036	179,110.3	0.28	56,296,852.6
0078	Snyder Hall	105	4,461.0	4,553.0			9,014.0	2,995,039.5	43.4%	91,361	98,664	201,985.5	0.32	56,498,838.0
0379	Bielfeldt Athletic Administration Bl	106	3,841.0			4,656.7	8,497.7	3,003,537.2	43.5%	40,084	211,997	100,420.7	0.16	56,599,258.8
0043	Gregory Hall	107	2,021.0	4,040.0	2,390.0		8,451.0	3,011,988.2	43.6%	110,044	76,797	165,689.3	0.26	56,764,948.1
0339	Temple Hoyne Buell Hall	108	4,875.0	3,494.0			8,369.0	3,020,357.2	43.8%	94,195	88,848	192,869.0	0.30	56,957,817.1
0360	Atkins Tennis Center	109	4,720.0			3,623.8	8,343.8	3,028,701.0	43.9%	68,812	121,255	123,297.8	0.19	57,081,114.9
0042	Transportation Building	110	2,882.0	4,547.0	769.0		8,198.0	3,036,899.0	44.0%	51,445	159,355	172,589.5	0.27	57,253,704.4
0094	Alice Campbell Alumni Center	111	1,497.0	4,055.0	2,470.0	106.5	8,128.5	3,045,027.5	44.1%	68,859	118,046	153,546.9	0.24	57,407,251.2
0806	Farrowing Building - Swine Res Ctr	112	251.0			7,824.3	8,075.3	3,053,102.8	44.2%	7,627	1,058,777	6,934.5	0.01	57,414,185.7
1140	Gregory Place I	113	3,662.0	1,811.0	2,446.0		7,919.0	3,061,021.8	44.4%	5,008	1,581,270	167,442.5	0.26	57,581,628.3
0331	Library and Information Science Bldg	114	1,722.0	3,170.0	3,016.0		7,908.0	3,068,929.8	44.5%	51,376	153,924	151,219.5	0.24	57,732,847.8
0079	Scott Hall	115	3,088.0	4,766.0			7,854.0	3,076,783.8	44.6%	90,854	86,446	170,177.2	0.27	57,903,025.0
0073	Agricultural Bioprocess Lab	116	2,699.0	3,386.0		1,735.7	7,820.7	3,084,604.5	44.7%	24,281	322,093	134,164.3	0.21	58,037,189.2
0061	University High School	117	1,176.0	6,329.0		0.6	7,505.6	3,092,110.1	44.8%	53,113	141,314	149,697.4	0.24	58,186,886.6
0257	Richard T. Ubben Basketball Complex	118	3,004.0			4,454.1	7,458.1	3,099,568.2	44.9%	39,067	190,905	78,578.0	0.12	58,265,464.6
0069	Mumford Hall	119	2,175.0	4,648.0	504.0		7,327.0	3,106,895.2	45.0%	100,151	73,160	151,945.0	0.24	58,417,409.6
0676	Inst of Aviation Admin Building	120	2,234.0			5,045.0	7,279.0	3,114,174.2	45.1%	24,772	293,840	58,522.3	0.09	58,475,931.9
1211	TDFC	121	6,708.0			569.8	7,277.8	3,121,452.0	45.2%	13,496	539,256	175,002.4	0.28	58,650,934.3
0373	Spurlock Museum	122	1,351.0	3,345.0	2,505.0		7,201.0	3,128,653.0	45.3%	53,922	133,545	136,922.9	0.22	58,787,857.2
0025	Harker Hall	123	1,764.0	3,050.0	2,387.0		7,201.0	3,135,854.0	45.4%	33,189	216,969	140,321.4	0.22	58,928,178.7
0037	Everitt Elec & Comp Engr Lab	124	649.0	6,434.0			7,083.0	3,142,937.0	45.5%	124,246	57,008	137,925.5	0.22	59,066,104.1
0084	Hopkins Hall	125	2,015.0	4,967.0			6,982.0	3,149,919.0	45.6%	83,827	83,291	145,968.6	0.23	59,212,072.7
0010	Chemistry Annex	126	2,031.0	3,444.0	1,331.0		6,806.0	3,156,725.0	45.7%	53,091	128,195	138,348.6	0.22	59,350,421.3



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Total Energy (MBTU)	FY17 Utility Costs used- Fully Loaded Rate Electricity - \$0.089/ kwh Chilled Water - \$15.48/ MBTU Steam - \$19.37/ Klb Gas - \$0.0495/ therm <i>*Only the top 175 buildings are included in the totals. Petascale is excluded</i>	Average EUI (BTU/SQFT/ YR)	% of campus total utility costs	Campus total utility Costs
	3,373,448.8	187,451	96.46	65,597,190

FY 2017 Energy Consumption Report- Top 175 Buildings

Bldg ID	Building Name	Rank	Electric MBTU	Steam MBTU	ChW MBTU	GAS MBTU	Total MBTU	Cummulative MBTU	% of Cummulative Energy	Total GSF	Energy Utilitization Index	Utility Cost (\$)	% of Total Cost	Cumulative Cost (\$)
0220	Krannert Art Museum	127	1,066.0		5,668.0		6,734.0	3,163,459.0	45.8%	62,440	107,848	115,546.6	0.18	59,465,967.9
0407	Irwin Indoor Football Facility	128	2,889.0	3,714.0			6,603.0	3,170,062.0	45.9%	75,931	86,961	145,202.7	0.23	59,611,170.6
0055	Ceramics Building	129	1,019.0	5,562.0		0.4	6,581.4	3,176,643.4	46.0%	54,017	121,839	131,178.0	0.21	59,742,348.7
0110	Nuclear Physics Laboratory	130	2,273.0	4,037.0			6,310.0	3,182,953.4	46.1%	36,605	172,381	135,209.0	0.21	59,877,557.6
0018	Architecture Annex	131	1,572.0	4,623.0		0.9	6,195.9	3,189,149.3	46.2%	47,541	130,328	127,944.1	0.20	60,005,501.7
0222	Printing & Photographic Serv Bldg	132	2,977.0	3,155.0		52.4	6,184.4	3,195,333.7	46.3%	59,376	104,157	136,988.3	0.22	60,142,489.9
0136	Student-Staff Apts-300 S Goodwin, U	133	549.0	5,628.0			6,177.0	3,201,510.7	46.4%	73,070	84,535	120,159.5	0.19	60,262,649.5
0559	111 E. Green Street	134	2,692.0			3,438.9	6,130.9	3,207,641.6	46.5%	27,280	224,740	70,389.5	0.11	60,333,038.9
0126	Levis Faculty Center	135	778.0	2,701.0	2,532.0		6,011.0	3,213,652.6	46.6%	35,912	167,381	110,283.6	0.17	60,443,322.5
0369	International Studies Building	136	2,540.0		1,230.0	2,208.4	5,978.4	3,219,631.0	46.7%	24,473	244,286	85,404.1	0.13	60,528,726.6
0108	Computing Applications Building	137	2,377.0	3,431.0			5,808.0	3,225,439.0	46.7%	41,970	138,385	126,525.4	0.20	60,655,252.0
0188	Fred Turner Student Services Bldg	138	1,308.0	2,525.0	1,628.0		5,461.0	3,230,900.0	46.8%	41,265	132,340	106,804.6	0.17	60,762,056.6
0176	Rehabilitation Education Center	139	1,708.0	3,373.0			5,081.0	3,235,981.0	46.9%	42,080	120,746	107,984.2	0.17	60,870,040.8
0171	Meat Science Laboratory	140	1,563.0	3,420.0		46.0	5,029.0	3,241,010.0	47.0%	26,277	191,384	105,088.1	0.17	60,975,128.9
0065	Illini Hall	141	2,035.0	2,933.0			4,968.0	3,245,978.0	47.0%	49,753	99,853	108,239.3	0.17	61,083,368.2
0021	Kenney Gymnasium	142	614.0	4,338.0			4,952.0	3,250,930.0	47.1%	49,507	100,026	97,595.5	0.15	61,180,963.7
0091	Van Doren Hall	143	871.0	4,039.0			4,910.0	3,255,840.0	47.2%	37,529	130,832	98,676.2	0.16	61,279,639.9
0169	Burnsides Research Laboratory	144	908.0	2,611.0	1,385.0	-	4,904.0	3,260,744.0	47.3%	23,942	204,828	94,226.5	0.15	61,373,866.4
0372	Special Materials Storage Facility	145	1,724.0			3,102.0	4,826.0	3,265,570.0	47.3%	11,660	413,894	45,123.1	0.07	61,418,989.4
0004	Harding Band Building	146	1,353.0	3,183.0	254.0		4,790.0	3,270,360.0	47.4%	27,840	172,055	99,083.1	0.16	61,518,072.5
1093	Aerodynamics Research Laboratory	147	1,291.0	1,517.0	1,892.0		4,700.0	3,275,060.0	47.5%	6,936	677,624	91,491.6	0.14	61,609,564.1
0080	Weston Hall	148		4,615.0			4,615.0	3,279,675.0	47.5%	90,900	50,770	86,788.9	0.14	61,696,353.0
0040	Stock Pavilion	149	470.0	3,929.0			4,399.0	3,284,074.0	47.6%	43,547	101,017	86,147.8	0.14	61,782,500.7
0218	School of Labor and Employment Relatic	150	566.0	2,754.0	958.0		4,278.0	3,288,352.0	47.7%	25,258	169,372	81,384.9	0.13	61,863,885.6
0358	1004 S Fourth, C-Police Training Ins	151	2,225.0			2,050.4	4,275.4	3,292,627.4	47.7%	26,856	159,197	58,139.3	0.09	61,922,024.9
0050	Architecture Building	152	1,242.0	2,984.0			4,226.0	3,296,853.4	47.8%	73,845	57,228	88,513.4	0.14	62,010,538.3
0068	Horticulture Field Laboratory	153	935.0			3,262.0	4,197.0	3,301,050.4	47.8%	46,557	90,148	24,550.4	0.04	62,035,088.7
0281	Admin Information Technology Bldg	154	2,055.0			2,081.4	4,136.4	3,305,186.8	47.9%	32,095	128,880	53,706.5	0.08	62,088,795.2
0323	Public Safety Building	155	2,149.0			1,774.0	3,923.0	3,309,109.8	48.0%	20,729	189,252	56,143.2	0.09	62,144,938.4
0300	Astronomy Building	156	1,833.0			1,944.7	3,777.7	3,312,887.5	48.0%	19,169	197,073	47,909.0	0.08	62,192,847.4
1146	Beef Cattle and Sheep Field Laboratory	157	2,760.0			973.1	3,733.1	3,316,620.6	48.1%	4,774	781,962	72,041.1	0.11	62,264,888.5
1133	Christopher Hall	158	853.0	1,638.0	1,166.0		3,657.0	3,320,277.6	48.1%	26,173	139,724	71,103.6	0.11	62,335,992.1
0115	Evans Hall	159		3,624.0			3,624.0	3,323,901.6	48.2%	53,352	67,926	56,099.5	0.09	62,392,091.6
0075	Children's Research Center	160	1,523.0			2,055.0	3,578.0	3,327,479.6	48.2%	46,806	76,443	39,828.3	0.06	62,431,919.9
0152	Civil Engineering Hydrosystems Lab	161	897.0	2,018.0	642.0		3,557.0	3,331,036.6	48.3%	31,847	111,690	71,286.0	0.11	62,503,205.9
1261	FSI - Learning Resource Research Center	162	2,791.0			732.9	3,523.9	3,334,560.5	48.3%	21,659	162,699	72,837.9	0.12	62,576,043.8
1509	Yahoo Building (Z-4)	163	1,635.0			1,572.1	3,207.1	3,337,767.6	48.4%	-	-	42,725.8	0.07	62,618,769.6
0140	Illinois Simulator Lab, Beckman Inst.	164	1,946.0			1,251.0	3,197.0	3,340,964.6	48.4%	16,520	193,523	50,822.2	0.08	62,669,591.8
0193	Swanlund Administration Building	165	1,381.0			1,768.5	3,149.5	3,344,114.1	48.5%	33,805	93,167	36,110.1	0.06	62,705,701.9
1071	Early Child Development Lab	166	698.0	1,362.0	992.0	36.2	3,088.2	3,347,202.3	48.5%	23,182	133,215	59,178.4	0.09	62,764,880.3
0209	Speech and Hearing Clinic	167	1,128.0	1,026.0	894.0		3,048.0	3,350,250.3	48.6%	30,211	100,890	62,557.1	0.10	62,827,437.4
0183	Wood Engineering Laboratory	168	298.0	2,678.0		0.3	2,976.3	3,353,226.6	48.6%	10,325	288,262	58,135.2	0.09	62,885,572.6



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

FY 2017 Energy Consumption Report- Top 175 Buildings

Total Energy (MBTU)	<u>FY17 Utility Costs used- Fully Loaded Rate</u> Electricity - \$0.089/ kwh Chilled Water - \$15.48/ MBTU Steam - \$19.37/ klb Gas - \$0.0495/ therm *Only the top 175 buildings are included in the totals. Petascale is excluded	Average EUI (BTU/SQFT/YR)	Top 175 bldg. Total Cost (\$)	% of campus total utility costs	Campus total utility Costs
	3,373,448.8	187,451	63,276,240	96.46	65,597,190

Bldg ID	Building Name	Rank	Electric MBTU	Steam MBTU	ChW MBTU	GAS MBTU	Total MBTU	Cummulative MBTU	% of Cummulative Energy	Total GSF	Energy Utilitization Index	Utility Cost (\$)	% of Total Cost	Cumulative Cost (\$)
0378	Admissions and Records Building	169	1,161.0	1,205.0	605.0		2,971.0	3,356,197.6	48.6%	32,930	90,222	62,310.4	0.10	62,947,883.0
0128	Geological Survey Laboratory	170	530.0	2,392.0			2,922.0	3,359,119.6	48.7%	12,938	225,846	58,808.3	0.09	63,006,691.3
0274	Lounge Building - ISRH	171	2,167.0			746.2	2,913.2	3,362,032.8	48.7%	26,340	110,600	56,561.8	0.09	63,063,253.1
1494	Center for Wounded Veterans in Higher	172	686.0	1,348.0	847.0		2,881.0	3,364,913.8	48.8%	30,637	94,037	56,355.7	0.09	63,119,608.9
0201	Garage and Car Pool	173	974.0			1,888.0	2,862.0	3,367,775.8	48.8%	27,395	104,472	25,499.7	0.04	63,145,108.5
0557	F-29 Parking Deck	174	2,841.0				2,841.0	3,370,616.8	48.8%	253,669	11,200	74,105.8	0.12	63,219,214.3
0007	Foellinger Auditorium	175	917.0	1,041.0	874.0		2,832.0	3,373,448.8	48.9%	51,765	54,709	57,025.8	0.09	63,276,240.1