

STATE OWNED PROPERTY

EXCESSIVE ENERGY USE

ANNUAL REPORT

NOVEMBER 19, 2013

Legislation

This report is being provided per K.S.A 75-37,128 which requires the Secretary of Administration to provide a written report on buildings that use and excessive amount of energy. Per this K.S.A this report is intended to for the following Legislative committees.

Joint committee on state building construction

House committee on energy and utilities

Senate committee on utilities

An electronic copy is to also be provided to the Legislature. The above referenced K.S.A is shown below.

75-37,128. Rules and regulations concerning energy audits for state-owned real property and leased real property. (a) The secretary of administration shall adopt rules and regulations, within 18 months of the effective date of this act, for state agencies for the conduct of an energy audit at least every five years on all state-owned real property. On or before the first day of the 2010 regular session of the legislature and on or before the first day of each ensuing regular session of the legislature, the secretary of administration shall submit a written report to the joint committee on state building construction, the house committee on energy and utilities and the senate committee on utilities, or their successors, and an electronic copy to the legislature, identifying state-owned real property locations in which an excessive amount of energy is being used in accordance with rules and regulations adopted, within 18 months after the effective date of this act, by the secretary of administration concerning energy efficiency performance standards for state-owned real property.

Rules & Regulations

The information provided in this report is based upon information submitted by State Agencies as required by the rules and regulation adopted by the Department of Administration and filed with the Secretary of State on January 7, 2011. The following is a summary of the rules and regulations that deal with building audits and agencies identifying buildings that use and excessive amount of energy.

ARTICLE 66.—ENERGY AUDITS FOR REAL PROPERTY

1-66-1. Definitions. *For purposes of this article, each of the following terms shall have the meaning specified in the regulation:*

(a) "Agency Head" means an individual or body of individuals in which the ultimate legal authority of a state agency is vested by any provisions of law.

(b) "Division" means the division of facilities management within the Kansas department of administration.

(c) "Energy audit" means the utilization of a building energy-use benchmarking system, including the energy star portfolio manager, that generates a written report that details the conversion of a building's energy consumption data into energy-intensity metrics for the purpose of comparing the energy use of a building to the national average energy use of similar buildings.

(d) "Energy consumption data" means the monthly amount of energy consumed in the preceding 12-month period as recorded by utility distributing and selling energy or water services for a particular building.

(e) "Energy-intensity metrics" means the measurement of weather variations and changes in the physical and operating characteristics of each building.

(f) "Energy star portfolio manager" means an online energy management tool created by the United States environmental protection agency that uses an algorithmic formula for tracking and assessing energy and water consumption across a portfolio of buildings. The energy star portfolio manager can be accessed through the division's web site.

(g)(1) "Excessive amount of energy," when applied to a building subject to an energy audit, shall be determined by comparing the building's site and source energy-intensity metrics, annualized to a 12-month period, to the national average site and source energy-intensity metrics of similar buildings.

(2) If the site and source energy-intensity metrics of the building subject to an energy audit are greater than the national average site and source energy-intensity metrics, then the building shall be deemed to use an excessive amount of energy.

(h) "Secretary" means the secretary of the Kansas department of administration.

(i) "State agency" has the meaning specified in K.S.A. 75-3701, and amendments thereto. (Authorized by and implementing K.S.A. 2009 Supp. 75-37, 128; effective Feb. 4, 2011.)

1-66-2. Energy audit required for each state-owned building. (a) If a state agency owns real property, the agency head, or that person's designee, shall conduct and energy audit of each building on that real property and submit the written report to the division.

(b) An energy audit shall be conducted every five years for each building specified in subsection (a).

(c) If a state agency owns four buildings or less, the written reports for the first energy audits for all of the buildings shall be submitted no later than July 1, 2011.

(d) If a state agency owns five or more buildings, an energy audit for at least one-fifth of all those buildings shall be conducted each year. The written reports for the first energy audits shall be submitted no later than July 1, 2011.

(e) Each state agency conducting an energy audit shall identify each state-owned building in which an excessive amount of energy is being used, pursuant to K.S.A. 75-37, 128 and amendments thereto. (Authorized by and implementing K.S.A. 2009 Supp. 75-37, 128; effective Feb. 4, 2011.)

Information Provided by State Agencies

To date, the Department of Administration has received 1001 audits from agencies that own buildings in the state. A total of 238 were submitted this year. All those who failed to submit last year did submit this year.

To make sure we had good participation, the Department of Administration sent written notifications to agency contacts on May 2nd 2013 (see attached). This notification detailed the requirement of the new regulations noted above.

Last year many of the state agencies indicated that they were having problems with the data entry and report retrieval from the Energy Star program. These issues were addressed in the training session I held on April 19th, 2012.

Buildings that Use & Excessive Amount of Energy

Of the 238 new building audits that were submitted this year, 58 of these audits indicated that the building used an excessive amount of energy. On the following pages is a list of these buildings. In support of this list is a copy of the audit that was submitted for each building.

Office of Facilities and Property Management
900 S.W. Jackson St., Room 600
Topeka, KS 66612-1220



Phone: (785) 296-8070
Fax: (785) 296-3456
mark.mcgivern@da.ks.gov
http://da.ks.gov/fm

Mark J. McGivern, Interim Secretary
Mark J. McGivern, Director

Sam Brownback, Governor

May 2, 2013

FO-13-072

To All

This letter is being sent as a reminder to agencies that have chosen to submit 20% of their energy audits annually, that the next 20% of their audits are due on July 1st, 2013. This is required per regulations K.A.R. 1-66-2 "Energy audit required for each state-owned building" (see below).

1-66-2. Energy audit required for each state-owned building. (a) If a state agency owns real property, the agency head, or that person's designee, shall conduct an energy audit of each building on that real property and submit the written report to the division.

(b) An energy audit shall be conducted every five years for each building specified in subsection (a).

(c) If a state agency owns four buildings or less, the written reports for the first energy audits for all of the buildings shall be submitted no later than July 1, 2011.

(d) If a state agency owns five or more buildings, an energy audit for at least one-fifth of all of those buildings shall be conducted each year. The written reports for the first energy audits shall be submitted no later than July 1, 2011.

(e) Each state agency conducting an energy audit shall identify each state-owned building in which an excessive amount of energy is being used, pursuant to K.S.A. 75-37,128 and amendments thereto. (Authorized by and implementing K.S.A. 2009 Supp. 75-37,128; effective Feb. 4, 2011.)

To date I have not received any energy audits for the current year.

If you have submitted audits for all your buildings please respond back to the email that accompanied this letter indicating that you have done so. Otherwise please send the energy audits to me by July 1st 2013 by one of the following methods.

Mail: George J. Werth
Landon State Office Building
900 SW Jackson Rm 600
Topeka, KS 66612

Email: George.Werth@da.ks.gov

Currently staffed by: Jim Brooke, PE
Kansas Department of Administration
Office of Facilities & Procurement Management
Design Construction & Compliance
800 SW Jackson, Suite 700 | Topeka, KS 66612
jim.brooke@da.ks.gov | www.da.ks.gov

Thank you for your assistance in the matter. Please call me at 785-296-0159 should you have questions about this requirement.

Respectfully,

George J. Werth
Project Engineer

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Agency #	Agency Name	Building Name	City	Gross Floor Area (ft ²)	Energy Performance Rating	SFU - Total Energy (kBtu)	EI - Site (kBtu/ft ² /yr)	National Average Site EUI	% Difference from Nation Average Source EUI	Excessive Energy Use
276	Kansas Department of Transportation	110 Area/Subarea Complex, Horton (5-Bay)	Horton	19,308		1,351,560	1,182	70	13	Yes
385	Pittsburg State University	Bowen Hall	Pittsburg	24,084	41	2,391,897	99	91	10	Yes
385	Pittsburg State University	Gibson Dining Hall	Pittsburg	18,104		3,708,606	205	207	22	Yes
385	Pittsburg State University	Trout Hall	Pittsburg	24,084	38	2,393,359	99	88	13	Yes
682	University of Kansas	Nichols Hall	Lawrence	71,430		13,557,414	189.80		22	Yes
682	University of Kansas	Shankel Structural Biology Center	Lawrence	63,806		20,245,006	317.29		50	Yes
682	University of Kansas	Simons Laboratories	Lawrence	48,650		13,244,963	272.25		20	Yes
682	University of Kansas	Spoonner Hall	Lawrence	23,275		3,926,958	168.72		26	Yes
682	University of Kansas	Wagoner-Parrot Athletic Center	Lawrence	80,881		5,722,331	70.75		4	Yes
682	University of Kansas	Youngberg Hall	Lawrence	25,460		3,425,898	134.56		11	Yes
710	Department of Wildlife, Parks and Tourism	Tuttle Creek WA Office	Blue Rapids	2,400		110,641	46	23	34	Yes
710	Department of Wildlife, Parks and Tourism	PTSB	Manhattan	1,145		72,369	63	23	75	Yes
710	Department of Wildlife, Parks and Tourism	Mined Land Field Office	Columbus	698		81,306	116	23	201	Yes
710	Department of Wildlife, Parks and Tourism	Adobe Main Complex	Meade	4,975		204,230	41	23	52	Yes
195	Department of Corrections	Horse Training Center Barn (south unit)	Hutchinson	7,200		929,369	129	77	68	Yes
195	Department of Corrections	Administration	Hutchinson	16,582		4,571,755	276	193	43	Yes
195	Department of Corrections	Rotunda/Auditorium	Hutchinson	18,970		5,230,141	276	95	190	Yes
195	Department of Corrections	Barber Shop/Programs	Hutchinson	4,710		1,298,575	276	120	130	Yes
195	Department of Corrections	Education/Canteen/Library	Hutchinson	14,785		4,076,312	276	120	130	Yes
195	Department of Corrections	A Cell House	Hutchinson	30,688		8,460,862	276	151	83	Yes
195	Department of Corrections	A Cell House Annex	Hutchinson	2,500		689,265	276	151	83	Yes
195	Department of Corrections	B Cell House	Hutchinson	32,425		8,939,764	276	151	83	Yes
195	Department of Corrections	B Cell House Annex	Hutchinson	967		266,608	276	151	83	Yes
195	Department of Corrections	C Cell House	Hutchinson	30,198		8,325,767	276	151	83	Yes
195	Department of Corrections	C Cell House Annex	Hutchinson	2,500		689,265	276	151	83	Yes
195	Department of Corrections	D Cell House	Hutchinson	41,096		11,330,409	276	151	83	Yes
195	Department of Corrections	D Cell House Annex	Hutchinson	2,500		689,265	276	151	83	Yes
195	Department of Corrections	Dorm D3 - Basement D	Hutchinson	5,750		1,585,309	276	151	83	Yes
195	Department of Corrections	Inmate Services - Basement D	Hutchinson	5,750		1,585,309	276	151	83	Yes
195	Department of Corrections	Connecting Corridor	Hutchinson	3,202		882,810	276	120	130	Yes
195	Department of Corrections	Gym	Hutchinson	13,460		3,711,001	276	65	324	Yes
195	Department of Corrections	Storage (Old Electrical Shop)	Hutchinson	2,750		758,191	276	77	258	Yes
195	Department of Corrections	Storage (Old Plumbing Shop)	Hutchinson	3,608		994,747	276	77	258	Yes
195	Department of Corrections	Print Shop	Hutchinson	3,024		833,735	276	120	130	Yes
195	Department of Corrections	Programs Building - SAPT	Hutchinson	6,059		1,670,502	276	120	130	Yes
195	Department of Corrections	Clinic & Mental Health	Hutchinson	8,800		2,426,212	276	134	106	Yes
195	Department of Corrections	Power Plant	Hutchinson	6,200		1,709,377	276	200	38	Yes
195	Department of Corrections	Emergency Generator	Hutchinson	508		202,644	276	77	258	Yes
195	Department of Corrections	Switchgear Building	Hutchinson	735		926,372	276	193	43	Yes
195	Department of Corrections	Maintenance Operations	Hutchinson	3,360		778,318	276	120	130	Yes
195	Department of Corrections	Vocational Horticulture	Hutchinson	2,823		778,318	276	77	258	Yes
195	Department of Corrections	Greenhouse #1	Hutchinson	1,738		479,177	276	77	258	Yes
195	Department of Corrections	Greenhouse #2	Hutchinson	954		263,023	276	77	258	Yes
195	Department of Corrections	Greenhouse #3	Hutchinson	2,880		794,033	276	77	258	Yes
195	Department of Corrections	Maint. Shops/Classrooms	Hutchinson	29,395		8,104,375	276	200	258	Yes
195	Department of Corrections	Human Resources	Hutchinson	4,191		1,155,483	276	193	43	Yes

Agency #	Agency Name	Building Name	City	Gross Floor Area (ft ²)	Energy Performance Rating	SEU - Total Energy (kbtu)	El - Site (kbtu/ft ² /yr)	National Average Site EUI	% Difference from Nation Average Source EUI	Excessive Energy Use
195	Department of Corrections	Garage	Hutchinson	8,700		2,398,641	276	77	258	Yes
195	Department of Corrections	Warehouse/Vocational	Hutchinson	23,020		6,346,750	276	120	130	Yes
195	Department of Corrections	Maintenance Shops	Hutchinson	11,396		3,141,944	276	200	38	Yes
195	Department of Corrections	E Dorm/Visiting/A & D	Hutchinson	21,099		5,817,119	276	151	83	Yes
195	Department of Corrections	Main Gate Control Center	Hutchinson	774		213,396	276	193	43	Yes
195	Department of Corrections	KCI Industries Building	Hutchinson	20,000		5,514,118	276	200	38	Yes
195	Department of Corrections	East Gate Office	Hutchinson	180		49,627	276	193	43	Yes
195	Department of Corrections	Stair Tower	Hutchinson	702		193,546	276	77	258	Yes
195	Department of Corrections	Dorm I (East Unit)	Hutchinson	23,498		4,490,480	191	151	27	Yes
195	Department of Corrections	Dorm II (East Unit)	Hutchinson	23,498		4,490,480	191	151	27	Yes
195	Department of Corrections	Garage (East Unit)	Hutchinson	4,309		823,452	191	77	148	Yes
195	Department of Corrections	Greenhouse	Larned	1,600		144,677	90	77	17	Yes

Kansas Department of Transportation, FY 2013 Energy Audit
20% of Facilities, Third Year

Property Name	Street Address	City	Gross Floor Area	Target EUI (kbtu/sqft)	Target Energy Use (kbtu)	NG (MCF)	Electricity (kWh)	Total Energy Usage (kbtu)	EUI	Pass/Fail
110 Area/Subarea Complex, Horton (5-Bay)	1686 1ST AVE EAST	Horton	19308	70	1351560	1182	93339	1,524,141	79	F
112 Subarea/Construction Complex, Seneca (6-Bay)	104 N 11TH	Seneca	13602	70	952140	359.6	32436	477,473	35	P
113 Subarea Complex, Atchison (6-Bay)	313 WOODLAWN	ATCHISON	15131	70	1059170	313.9	24065	402,295	27	P
114 Subarea Complex, Troy (6-Bay)	1219 HWY K7	Troy	14184	70	992880	459.1	30649	572,866	40	P
120 Area/Subarea Complex, Osage City (6-Bay)	322 S Marth	Osage city	23072	70	1615040	1090.4	107173	1,477,914	64	P
122 Subarea/Construction Complex, Emporia (6-bay)	1203 GRAPHIC ARTS RD.	Emporia	15522	70	1086540	318.9	46899	485,311	31	P
130 Area Office Complex, Bonner Springs	650 N K7 HWY	Bonner springs	29511	70	2065770	695.7	302120	1,740,538	59	P
132 Subarea Complex, Speaker Road (6-bay)	5110 SPEAKER RD	Kansas city	18683	70	1307810	338.2	59680	548,610	29	P
143 Subarea Complex, Oskaloosa (6-Bay)	205 E JEFFERSON	OSKALOOSA	14459	70	1012130	459.4	25313	554,964	38	P
144 Subarea Complex, Holton (6-Bay)	1005 W 4TH	Holton	17150	70	1200500	341.8	35187	468,705	27	P
150 Area/Subarea Office Complex, Wamego (5-Bay)	1425 W HWY US24	Wamego	34025	70	2381750	735.2	100916	1,094,260	32	P
153 Subarea Complex, Blaine (Special)	19210 K16 HWY	Blaine	13936	70	975520	364.3	10262	406,603	29	P
154 Subarea Complex, Marysville, (6 bay)	1901 CENTER	Marysville	16098	70	1126860	491.3	27906	596,350	37	P
155 Subarea Complex, Alma (6-Bay)	33650 K99 HWY	Alma	13396	70	937720	314.3	44047	470,888	35	P
160 Area/KHP Office Complex, Olathe	1290 S ENTERPRISE	Olathe	40728	70	2850960	691.6	127040	1,138,991	28	P
161 Subarea Complex, Gardner (6-Bay)	26310 W 174TH	Gardner	19112	70	1337840	322.6	48036	492,965	26	P
163 Subarea Complex, Lamar (6-Bay)	3035 S 24TH	Kansas city	24447	70	1711290	681	93583	1,013,953	41	P
211 Subarea Complex, Washington (6-Bay)	309 E 7TH ST RR 1 BOX 262, E ON	Washington	13138	70	919660	385.3	20014	461,300	35	P
232 Subarea Complex, Strong City (4-Bay)	US50	Strong city	11706	70	819420	311.1	33092	430,242	37	P
241 Subarea Complex, Lincoln (4-Bay)	931 EUCLID	Lincoln	12530	70	877100	417	35390	546,101	44	P

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FY 2013 Energy Audit

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STATEMENT OF ENERGY PERFORMANCE

Bowen Hall

Building ID: 3606201
 For 12-month Period Ending: April 30, 2013¹
 Date SEP becomes ineligible: N/A

Date SEP Generated: June 21, 2013

Facility
 Bowen Hall
 1701 S. Broadway
 Pittsburg, KS 66762

Facility Owner
 Pittsburg State University
 1701 S. Broadway
 Pittsburg, KS 66762

Primary Contact for this Facility
 Paul Stewart
 1701 S. Broadway
 Pittsburg, KS 66762

Year Built: 1956
 Gross Floor Area (ft²): 24,084

Energy Performance Rating² (1-100) 41

Site Energy Use Summary³

District Steam (kBtu)	939,644
Electricity - Grid Purchase (kBtu)	1,208,761
Natural Gas (kBtu) ⁴	243,492
Total Energy (kBtu)	2,391,897

Energy Intensity⁴

Site (kBtu/ft ² /yr)	99
Source (kBtu/ft ² /yr)	225

Emissions (based on site energy use)

Greenhouse Gas Emissions (M _{CO₂e} /year)	378
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Electric Distribution Utility

Kansas Gas & Electric Co [Westar Energy Inc]

National Median Comparison

National Median Site EUI	91
National Median Source EUI	206
% Difference from National Median Source EUI	10%
Building Type	Residence Hall/Dormitory

Meets Industry Standards⁵ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Stamp of Certifying Professional
Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Certifying Professional

N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the maximum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

The government estimates the average time needed to fill out this form is 6 hours (includes the time for entering energy data, Licensed Professional facility inspection, and notating the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S. EPA (2022), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.



STATEMENT OF ENERGY PERFORMANCE

Gibson Dining Hall

Building ID: 3607818
 For 12-month Period Ending: April 30, 2013¹
 Date SEP becomes ineligible: N/A

Date SEP Generated: June 21, 2013

Facility
 Gibson Dining Hall
 1701 S. Broadway
 Pittsburg, KS 66762

Facility Owner
 Pittsburg State University
 1701 S. Broadway
 Pittsburg, KS 66762

Primary Contact for this Facility
 Paul Stewart
 1701 S. Broadway
 Pittsburg, KS 66762

Year Built: 1965
 Gross Floor Area (ft²): 18,104

Energy Performance Rating² (1-100) N/A

Site Energy Use Summary³

District Steam (kBtu)	736,061
Electricity - Grid Purchase(kBtu)	2,425,294
Natural Gas (kBtu) ⁴	547,251
Total Energy (kBtu)	3,708,606

Energy Intensity⁴

Site (kBtu/ft ² /yr)	205
Source (kBtu/ft ² /yr)	528

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	670
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Electric Distribution Utility

Kansas Gas & Electric Co [Westar Energy Inc]

National Median Comparison

National Median Site EUI	207
National Median Source EUI	434
% Difference from National Median Source EUI	22%
Building Type	Restaurant/Cafeteria

Stamp of Certifying Professional

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets Industry Standards⁵ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional
 N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.



STATEMENT OF ENERGY PERFORMANCE

Trout Hall

Building ID: 3606349
 For 12-month Period Ending: April 30, 2013¹
 Date SEP becomes ineligible: N/A

Date SEP Generated: June 21, 2013

Facility
 Trout Hall
 1701 S. Broadway
 Pittsburg, KS 66762

Facility Owner
 Pittsburg State University
 1701 S. Broadway
 Pittsburg, KS 66762

Primary Contact for this Facility
 Paul Stewart
 1701 S. Broadway
 Pittsburg, KS 66762

Year Built: 1955
 Gross Floor Area (ft²): 24,084

Energy Performance Rating² (1-100) 38

Site Energy Use Summary³

District Steam (kBtu)	939,644
Electricity - Grid Purchase(kBtu)	1,280,687
Natural Gas (kBtu) ⁴	173,028
Total Energy (kBtu)	2,393,359

Energy Intensity⁴

Site (kBtu/ft ² /yr)	99
Source (kBtu/ft ² /yr)	232

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	391
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Electric Distribution Utility

Kansas Gas & Electric Co (Westar Energy Inc)

National Median Comparison

National Median Site EUI	88
National Median Source EUI	205
% Difference from National Median Source EUI	13%
Building Type	Residence Hall/Dormitory

Stamp of Certifying Professional

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets Industry Standards⁵ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional
 N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

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STATEMENT OF ENERGY PERFORMANCE

Tuttle Creek WA Office

Building ID: 3599173
 For 12-month Period Ending: December 31, 2012¹
 Date SEP becomes ineligible: N/A

Date SEP Generated: June 12, 2013

Facility
 Tuttle Creek WA Office
 801 S Main
 Blue Rapids, KS 66411

Facility Owner
 KS Dept Wildlife, Parks and Tourism
 612 SE 25th Avenue
 Pratt, KS 67124

Primary Contact for this Facility
 Chad Grisier
 1020 S Kansas Avenue
 Topeka, KS 66612

Year Built: 2002
 Gross Floor Area (ft²): 2,400

Energy Performance Rating² (1-100) N/A

Site Energy Use Summary³

Electricity - Grid Purchase(kBtu)	28,115
Natural Gas (kBtu) ⁴	82,526
Total Energy (kBtu)	110,641

Energy Intensity⁴

Site (kBtu/ft ² /yr)	46
Source (kBtu/ft ² /yr)	75

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	11
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Electric Distribution Utility

Westar Energy Inc

National Median Comparison

National Median Site EUI	23
National Median Source EUI	56
% Difference from National Median Source EUI	34%
Building Type	Warehouse (Unrefrigerated)

Stamp of Certifying Professional

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets Industry Standards⁵ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional

N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

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STATEMENT OF ENERGY PERFORMANCE

PTSB

Building ID: 3552767
 For 12-month Period Ending: December 31, 2012¹
 Date SEP becomes Ineligible: N/A

Date SEP Generated: May 10, 2013

Facility PTSB 7960 State Lake Rd Pottawatomie SFL #2 Manhattan, KS 66502	Facility Owner Kansas Dept of Wildlife and Parks 2010 S Kansas Ave Topeka, KS 66612	Primary Contact for this Facility N/A
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Year Built: 1957
 Gross Floor Area (ft²): 1,145

Energy Performance Rating² (1-100) N/A**Site Energy Use Summary³**

Electricity - Grid Purchase(kBtu)	16,647
Propane (kBtu)	55,722
Natural Gas - (kBtu) ⁴	0
Total Energy (kBtu)	72,369

Energy Intensity⁴

Site (kBtu/ft ² /yr)	63
Source (kBtu/ft ² /yr)	98

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	4
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Electric Distribution Utility

Bluestem Electric Coop Inc

National Median Comparison

National Median Site EUI	23
National Median Source EUI	56
% Difference from National Median Source EUI	75%
Building Type	Warehouse (Unrefrigerated)

Stamp of Certifying Professional
Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets Industry Standards⁵ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional
N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

The government estimates the average time needed to fill out this form is 6 hours (includes the time for entering energy data, Licensed Professional facility inspection, and notarizing the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.



STATEMENT OF ENERGY PERFORMANCE
Mined Land Field Office

Building ID: 3552627
 For 12-month Period Ending: December 31, 2012¹
 Date SEP becomes ineligible: N/A

Date SEP Generated: May 10, 2013

Facility
 Mined Land Field Office
 7545 NW Bellevue Rd
 Columbus, KS 66725

Facility Owner
 Kansas Dept of Wildlife and Parks
 2010 S Kansas Ave
 Topeka, KS 66612

Primary Contact for this Facility
 N/A

Year Built: 1982
 Gross Floor Area (ft²): 698

Energy Performance Rating² (1-100) N/A

Site Energy Use Summary³

Electricity - Grid Purchase (kBtu)	15,320
Propane (kBtu)	65,986
Natural Gas - (kBtu) ⁴	0
Total Energy (kBtu)	81,306

Energy Intensity⁴

Site (kBtu/ft ² /yr)	116
Source (kBtu/ft ² /yr)	169

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	8
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Electric Distribution Utility

Heartland Rural Electric Coop

National Median Comparison

National Median Site EUI	23
National Median Source EUI	56
% Difference from National Median Source EUI	201%
Building Type	Warehouse (Unrefrigerated)

Stamp of Certifying Professional

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets Industry Standards⁶ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional
 N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

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STATEMENT OF ENERGY PERFORMANCE

Adobe Main Complex

Building ID: 3562409
 For 12-month Period Ending: November 30, 2012¹
 Date SEP becomes Ineligible: N/A

Date SEP Generated: May 10, 2013

Facility
 Adobe Main Complex
 12027 V Road
 Meade Fish Hatchery
 Meade, KS 67864

Facility Owner
 Kansas Dept of Wildlife and Parks
 2010 S Kansas Ave
 Topeka, KS 66612

Primary Contact for this Facility
 N/A

Year Built: 1941
 Gross Floor Area (ft²): 4,975

Energy Performance Rating² (1-100) N/A

Site Energy Use Summary³

Electricity - Grid Purchase(kBtu)	93,430
Propane (kBtu)	110,800
Natural Gas - (kBtu) ⁴	0
Total Energy (kBtu)	204,230

Energy Intensity⁴

Site (kBtu/ft ² /yr)	41
Source (kBtu/ft ² /yr)	85

Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO ₂ e/year)	29
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Electric Distribution Utility

Doniphan Electric Coop Association Inc

National Median Comparison

National Median Site EUI	23
National Median Source EUI	56
% Difference from National Median Source EUI	52%
Building Type	Warehouse (Unrefrigerated)

Stamp of Certifying Professional

Based on the conditions observed at the time of my visit to this building, I certify that the information contained within this statement is accurate.

Meets industry Standards⁵ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	N/A
Acceptable Thermal Environmental Conditions	N/A
Adequate Illumination	N/A

Certifying Professional
 N/A

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 76 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.

The government estimates the average time needed to fill out this form is 8 hours (includes the time for entering energy data, Licensed Professional facility inspection, and notating the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.

Hutchinson Correctional Facility - South Unit
 2013 Energy Audit
 May, 2013

Building Number	Building Name	Building Area Sq. Ft.	Target EUI kbtu/sq. ft.	EUI Bldg. Use	Target Energy Usage kbtu	Natural Gas	Electricity	NG Usage kbtu	Elec. Usage kbtu	Total Energy Usage kbtu	Pass	Fail
31300-00545	Gazebos - Entrance	59	52	Social Space	3,068						X	
	Entrance Building	400	52	Social Space	20,800						X	
	Game Shelter	480	52	Social Space	24,960						X	
31300-00546	Shelter 1	450	52	Social Space	23,400						X	
31300-00547	Shelter 2	450	52	Social Space	23,400						X	
31300-00548	Shelter 3	1,800	52	Social Space	93,600						X	
31300-00549	Administration/Visiting Support Space	6,938	193	Office	1,339,034	X	X	505,406	390,144	895,550	X	
	Dayroom/Programs	7,462	193	Office	1,440,166	X	X	543,577	419,610	963,188	X	
31300-00550	Pod 1 - Dorm 1	3,387	151	Dormitory	511,437	X	X	246,730	190,461	437,191	X	
	Pod 1 - Dorm 2	2,294	151	Dormitory	346,394	X	X	167,109	128,998	296,107	X	
	Pod 1 - Dorm 3	2,294	151	Dormitory	346,394	X	X	167,109	128,998	296,107	X	
31300-00551	Dayroom/Programs	4,000	151	Dormitory	604,000	X	X	291,384	224,932	516,316	X	
	Pod 2 - Dorm 1	2,294	151	Dormitory	346,394	X	X	167,109	128,998	296,107	X	
	Pod 2 - Dorm 2	2,294	151	Dormitory	346,394	X	X	167,109	128,998	296,107	X	
	Pod 2 - Dorm 3	2,294	151	Dormitory	346,394	X	X	167,109	128,998	296,107	X	
	Maintenance Shops	1,029	77	Service	79,233							
31300-00552	Paint Storage Building	224	77	Service	17,248	X	X	16,318	12,596	28,914	X	
31300-00555	Kennels	10,048	77	Service	773,696							
31300-00562	Horse Training Center Barn	7200	77	Service	554,400	X	X	524,492	404,877	929,369	X	
TOTAL		57,691			7,586,806			3,130,560	2,416,612	5,547,172		X

EXCESSIVE USE

Total Natural Gas Delivered to Facility (@ meter)
 - 20% Power Conversion (@ Energy Center)
 -10% Distribution Loss
 Total Campuswide Building Natural Gas Usage

4,346,000 kbtu/yr
 869,600 kbtu/yr
 3,478,400 kbtu/yr
 347,840 kbtu/yr
 3,130,560 kbtu/yr

42,975 SF of NG use
 72.8 Avg. kbtu/SF

42,975 SF of E use
 56.2 Avg. kbtu/SF

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Total Electricity Delivered to Facility	1,154,821 KWH
- Site Lighting (12 X October Usage/2)	446,750 KWH
Conversion Factor (multiplier)	708,061 KWH
Total Campuswide Building Electricity Usage	3,413 Kbtu/KWH
	2,416,612 Kbtu/Yr

37% Less Campuswide Energy Usage
compared with Target Energy Usage.

Hutchinson Correctional Facility - Central Unit
 2013 Energy Audit
 May, 2013

Building Number	Building Name	Building Area Sq. Ft.	Target EUI Kbtu/Sq. Ft.	EUI Bldg Use	Target Energy Usage Kbtu	Natural Gas	Electricity	NG Usage Kbtu	Elec. Usage Kbtu	Total Energy Usage Kbtu	Pass	Fail
31300-00501	Administration	16,582	193 Office	3,200,326	X	X	3,935,427	636,328	4,571,755	X	X	
31300-00502	Roundup/Auditorium	18,970	95 Entertainment	1,802,150	X	X	4,502,175	727,966	5,230,141	X	X	
31300-00503	Barber Shop/Programs	4,710	120 Education	565,200	X	X	1,117,830	180,744	1,298,575	X	X	
31300-00504	Education/Canteen/Library	14,785	120 Education	1,774,200	X	X	3,508,943	567,369	4,076,312	X	X	
31300-00505	A Cell House	30,688	151 Dormitory	4,633,888	X	X	7,283,223	1,177,640	8,460,862	X	X	
31300-00506	A Cell House Annex	2,500	151 Dormitory	377,500	X	X	593,328	95,937	689,265	X	X	
31300-00507	B Cell House	32,425	151 Dormitory	4,896,175	X	X	7,695,467	1,244,297	8,939,764	X	X	
31300-00508	B Cell House Annex	967	151 Dormitory	146,017	X	X	229,499	37,108	266,608	X	X	
31300-00509	C Cell House	30,198	151 Dormitory	4,559,898	X	X	7,166,930	1,158,836	8,325,767	X	X	
31300-00510	C Cell House Annex	2,500	151 Dormitory	377,500	X	X	593,328	95,937	689,265	X	X	
31300-00511	D Cell House	41,036	151 Dormitory	6,205,496	X	X	9,753,367	1,577,043	11,330,409	X	X	
31300-00512	D Cell House Annex	2,500	151 Dormitory	377,500	X	X	593,328	95,937	689,265	X	X	
31300-00513	Dorm D3 - Basement D	5,750	151 Dormitory	868,250	X	X	1,364,655	220,654	1,585,309	X	X	
31300-00514	Inmate Services - Basement D	5,750	151 Dormitory	868,250	X	X	1,364,655	220,654	1,585,309	X	X	
31300-00515	Connecting Corridor	3,202	120 Education	384,240	X	X	759,935	122,875	882,810	X	X	
31300-00516	Gym	13,460	65 Recreation	874,900	X	X	3,194,479	516,522	3,711,001	X	X	
31300-00517	Kitchen/Dining Room	15,904	302 Cafeteria	4,803,008	X	X	3,774,517	610,310	4,384,826	X	X	
31300-00518	Vocational Food Service	3,874	302 Cafeteria	1,169,948	X	X	919,421	148,663	1,068,085	X	X	
31300-00519	Storage (Old Electrical Shop)	2,750	77 Service	211,750	X	X	652,661	105,530	758,191	X	X	
31300-00520	Storage (Old Plumbing Shop)	3,608	77 Service	277,816	X	X	856,291	138,456	994,747	X	X	
31300-00521	Yard Storage	400	77 Service	30,809	X	X	-	-	-	X	X	
31300-00522	Recreation Shelter - Weights	1,875	77 Service	144,375	X	X	-	-	-	X	X	
31300-00523	Recreation Shelter - Weights	1,200	77 Service	92,400	X	X	-	-	-	X	X	
31300-00524	Recreation Shelter - Games	576	77 Service	44,352	X	X	-	-	-	X	X	
31300-00525	Print Shop	3,074	120 Education	362,880	X	X	717,690	116,045	833,755	X	X	
31300-00526	Programs Building - SAPR	6059	120 Education	727,080	X	X	1,437,990	232,512	1,670,502	X	X	
31300-00527	Clinic & Mental Health	8,800	134 Med. Office	1,179,200	X	X	2,088,515	337,697	2,426,212	X	X	
31300-00528	Power Plant	6,280	200 Other(It. Mfg)	1,240,000	X	X	1,471,454	237,923	1,709,377	X	X	
31300-00529	Emergency Generator	508	77 Service	39,116	X	X	120,564	19,494	140,059	X	X	
31300-00530	Switchgear Building	735	77 Service	56,535	X	X	174,438	28,205	202,644	X	X	
31300-00531	Oil Storage & Waste Building	300	77 Service	23,100	X	X	11,512	11,512	24,624	X	X	
31300-00532	Maintenance Operations	3,360	193 Office	648,480	X	X	797,433	128,939	926,372	X	X	
31300-00533	Vocational Horticulture	2,823	120 Education	338,760	X	X	669,986	108,382	778,318	X	X	

Excessive Use

31300-00523	Greenhouse #1	1,738	77 Service	133,826	X	X	412,482	66,695	479,177	X
31300-00523	Greenhouse #2	954	77 Service	73,458	X	X	226,414	36,609	263,023	X
31300-00524	Greenhouse #3	2,880	77 Service	221,760	X	X	683,514	110,519	794,033	X
31300-00525	Maint. Shops/Classrooms	29,595	200 Other(LL,Mfg)	5,879,000	X	X	6,976,353	1,128,022	8,104,375	X
31300-00525	Const./HVAC/Sheet Metal	9,578	77 Service	737,506	X	X				X
31300-00526	Laundry	5,337	350 Other	1,937,950	X	X	1,314,103	212,480	1,526,584	X
31300-00527	Old Clinic (Demo in 1998)									
31300-00528	Human Resources	4,191	193 Office	808,863	X	X	994,655	160,828	1,155,483	X
31300-00529	Garage	8,700	77 Service	669,900	X	X	2,064,782	333,859	2,398,641	X
31300-00530	Lawn & Garden	2,551	77 Service	196,427	X	X				X
31300-00531	Warehouse/Vocational	23,020	120 Education	2,762,400	X	X	5,463,366	883,383	6,346,750	X
31300-00532	Maintenance Shops	11,396	200 Other(LL,Mfg)	2,279,200	X	X	2,704,627	497,317	3,142,944	X
31300-00533	E Derry/Visting/A & D	21,099	151 Dormitory	3,185,949	X	X	5,007,453	809,666	5,817,119	X
31300-00534	Towers NE, NW, SE	900	77 Service	69,300	X	X				X
31300-00535	Roof Tower	100	77 Service	7,700	X	X				X
31300-00536	Main Gate Control Center	774	193 Office	149,382	X	X	183,694	3,837	3,837	X
31300-00537	East Gate Tower	300	77 Service	23,100	X	X				X
31300-00539	KCI Industries Building	20,000	200 Other(LL,Mfg)	4,000,000	X	X	4,746,626	767,492	5,514,118	X
31300-00540	Quonset Hut	4,000	77 Service	308,000	X	X				X
	East Gate Office	180	193 Office	34,740	X	X	42,720	6,907	49,627	X
	Inmate Restroom	24	77 Service	1,848						
31300-00541	Vending Machines Shelter	64	77 Service	4,928						
31300-00542	Vending Machines Storage	40	77 Service	3,080						
31300-00543	Lawn & Garden Storage	22,250	77 Service	1,713,250						
31300-00544	One Room School House	2,808	77 Service	216,216						
31300-00558	Storage Shed	59	77 Service	4,543						
	Firing Range Classroom	1,358	120 Education	162,960						
	Firing Range Tear Gas Storage	124	77 Service	9,548						
31300-00559	Storage Building Farrowing	1,400	77 Service	107,800						
31300-00560	Staff Tower	486	77 Service	37,422						
	Staff Tower	702	77 Service	54,054	X	X	166,607	26,939	193,546	X
31300-00561	Caustic Storage	702	77 Service	54,054						
31300-00563	Weapon Storage	320	77 Service	24,640	X	X	12,280		12,280	X
31300-00801	State Fair Building	80	77 Service	6,160	X	X	3,070		3,070	X
TOTAL		467,149	193 Office	262,480			69,442,594	114,453,544		
							98,324,928	16,128,616	114,453,544	
							Facilitywide	Facilitywide	Facilitywide Total	
							Actual NG	Actual Electric	Actual Energy	
							Usage (kbtu)	Usage (kbtu)	Usage (kbtu)	

Utilities supplied by KS St. Fair

Excessive Use

Total Natural Gas Delivered to Facility (@ meter)
 - 20% Power Conversion (@ Energy Center) 136,562,400 Kbtu/yr
 27,312,480 Kbtu/yr
 109,249,920 Kbtu/yr
 -10% Distribution Loss 10,924,992 Kbtu/yr
 Total Campuswide Building Natural Gas Usage 98,324,928 Kbtu/yr
 Total Electricity Delivered to Facility 7,623,102 KWH
 - Site Lighting (1.2 X March Usage/2) 2,897,460 KWH
 Conversion Factor (multiplier) 4,725,642 KWH
 3,413 Kbtu/KWH
 Total Campuswide Building Electricity Usage 16,128,616 Kbtu/yr

414,294 SF of NG use
 237.3 Avg. Kbtu/SF

420,294 SF of E use
 38.4 Avg. Kbtu/SF

-39% Less Campuswide Energy Usage
 compared with Target Energy Usage

Hutchinson Correctional Facility - East Unit
 2013 Energy Audit
 May, 2013

Building Number	Building Name	Building Area Sq. Ft.	Target EUI Kbtu/Sq. Ft.	EUI Bldg. Use	Target Energy Usage Kbtu	Natural Gas	Electricity	NG Usage Kbtu	Elec. Usage Kbtu	Total Energy Usage Kbtu	Pass	Fail
31300-04001	Administration	3,184	193	Office	614,512	X	X	479,952	128,512	608,464	X	
31300-04002	Administration II	21,092	193	Office	4,070,756	X	X	3,179,383	851,310	4,030,692	X	
31300-04003	Inmate Services	13,440	193	Office	2,593,920	X	X	2,025,929	542,462	2,568,391	X	
31300-04004	Gym/Industries/Warehouse	101,861	200	Other	20,372,200	X	X	15,354,405	4,111,285	19,465,691	X	
31300-04005	SOFT	2,387	193	Office	460,691	X	X	359,814	96,343	456,157	X	
31300-04006	Dorm I	23,498	151	Dormitory	3,548,198	X	X	3,542,060	948,420	4,490,480		X
31300-04007	Dorm II	23,498	151	Dormitory	3,548,198	X	X	3,542,060	948,420	4,490,480		X
31300-04008	Sally Port Building	300	193	Office	57,960	X	X	45,222	12,109	57,330	X	
31300-04009	Generator Building	308	77	Service	23,716	X	X		12,431	12,431	X	
31300-04010	Garage	4,309	77	Service	331,793	X	X	649,533	173,919	823,452		X
31300-04011	Radio Tower Building	64	77	Service	4,928	X	X		2,583	2,583	X	
31300-04012	Greenhouse	3,900	200	Other	780,000	X	X	587,881	157,411	745,292	X	
TOTAL		197,841			36,406,812			29,766,240	7,985,205	37,751,445		

Excessive Use

197,459 SF of NG use
 150.7 Avg. Kbtu/SF

197,841 SF of E use
 40.4 Avg. Kbtu/SF

-4% Less Campuswide Energy Usage
 compared with Target Energy Usage

Total Natural Gas Delivered to Facility (@ meter)
 - 20% Power Conversion (@ Energy Center)
 -10% Distribution Loss
 Total Campuswide Building Natural Gas Usage
 Total Electricity Delivered to Facility
 - Site Lighting (12 X March Usage/2)
 Conversion Factor (multiplier)
 Total Campuswide Building Electricity Usage

Lamed Correctional Mental Health Facility
 2013 Energy Audit
 May, 2013

Building Number	Building Name	Building Area Sq. Ft.	Target EUI Kbtu/Sq. Ft.	EUI Bldg. Use	Target Energy Usage Kbtu	Natural Gas	Electricity	NG Usage Kbtu	Elec Usage Kbtu	Total Energy Usage Kbtu	Pass	Fail
Central Unit												
40800-00002	Administration	13,930	193 Office	2,688,490	X	X	506,200	753,394	1,259,594	X		
40800-00003	Commons Building B	21,768	193 Office	4,201,224	X	X	791,023	1,177,306	1,968,330	X		
40800-00004	Commons Building C	21,959	302 Cafeteria	6,631,618	X	X	797,964	1,187,637	1,985,601	X		
40800-00005	Housing Unit - Rotunda	23,118	77 Dormitory	1,780,086	X	X	840,081	1,250,320	2,090,401	X		
40800-00006	Housing Unit E	5,282	151 Dormitory	797,582	X	X	191,942	285,673	477,615	X		
40800-00007	Housing Unit F1	5,282	151 Dormitory	797,582	X	X	191,942	285,673	477,615	X		
40800-00008	Housing Unit F2	5,282	151 Dormitory	797,582	X	X	191,942	285,673	477,615	X		
40800-00009	Housing Unit F3	5,282	151 Dormitory	797,582	X	X	191,942	285,673	477,615	X		
40800-00010	Housing Unit F4	5,282	151 Dormitory	797,582	X	X	191,942	285,673	477,615	X		
40800-00011	Power Plant/Maintenance	11,700	200 Other(Excl. Mfg.)	2,340,000	X	X	425,164	632,786	1,057,950	X		
40800-00012	Tower 1 - North	300	77 Service	23,100	X	X		16,225	16,225	X		
40800-00013	Tower 2 - East	300	77 Service	23,100	X	X		16,225	16,225	X		
40800-00014	Tower 3 - South	300	77 Service	23,100	X	X		16,225	16,225	X		
40800-00015	Sewage Lift Station	100	77 Service	7,700	X	X		5,408	5,408	X		
40800-00016	Greenhouse	1,600	77 Service	123,200	X	X	59,142	86,535	144,677	X		
40800-00017	Sally Port Building	84	77 Service	6,468	X	X		4,543	4,543	X		
40800-00018	Equipment Storage - Central	3,360	77 Service	258,720	X	X		181,723	181,723	X		
40800-00019	Warehouse (Quonset)	4,000	77 Service	308,000	X	X		216,337	216,337	X		
West Unit												
40800-00100	Jenkins Building	34,578	151 Dormitory	5,221,278	X	X	1,256,523	1,870,126	3,126,649	X		
40800-00102	CDRP Program/Visiting	4,000	193 Office	772,000	X	X	145,355	216,337	361,692	X		
40800-00103	Shakedown Building	175	77 Service	13,475	X	X		9,465	9,465	X		
40800-00104	Equipment Building	99	77 Service	7,623	X	X		5,354	5,354	X		
TOTAL		167,781		27,159,419			5,780,160	9,074,314	14,854,474			

Campuswide Target Energy Usage (Kbtu) 27,159,419
 Facilitywide Actual NG Usage (Kbtu) 5,780,160
 Facilitywide Actual Electric Usage (Kbtu) 9,074,314
 Facilitywide Actual Energy Usage (Kbtu) 14,854,474

Excessive Use

Total Natural Gas Delivered to Facility (@ meter)
 -20% Power Conversion (@ Energy Center) 8,028,000 Kbtu/yr
 1,605,600 Kbtu/yr
 -10% Distribution Loss 6,422,400 Kbtu/yr
 Total Campuswide Building Natural Gas Usage 5,780,160 Kbtu/yr

Total Electricity Delivered to Facility 2,758,000 KWH
 - Site Lighting (1.2 X November Usage/2) 99,250 KWH
 Conversion Factor (multiplier) 3.413 Kbtu/KWH
 Total Campuswide Building Electricity Usage 9,074,314 Kbtu/yr

159,063 SF of NG use
 36.3 Avg. Kbtu/SF

167,781 SF of E use
 54.1 Avg. Kbtu/SF

83% Less Campuswide Energy Usage
 compared with Target Energy Usage