



# STATEMENT OF ENERGY PERFORMANCE

## Ebensburg Boro Blding

Building ID: 2664016  
 For 12-month Period Ending: August 31, 2010<sup>1</sup>  
 Date SEP becomes ineligible: N/A

Date SEP Generated: March 28, 2011

**Facility**  
 Ebensburg Boro Blding  
 300 West High St.  
 Ebensburg, PA 15931

**Facility Owner**  
 Ebensburg Borough  
 300 West High St.  
 Ebensburg, PA 15931

**Primary Contact for this Facility**  
 ThermoCat, Inc.  
 4309 Linglestown Rd. Suite 203  
 Harrisburg, PA 17112

**Year Built:** 1920  
**Gross Floor Area (ft<sup>2</sup>):** 8,514

**Energy Performance Rating<sup>2</sup> (1-100)** 79

### Site Energy Use Summary<sup>3</sup>

Electricity - Grid Purchase(kBtu)	239,816
Natural Gas (kBtu) <sup>4</sup>	75,837
Total Energy (kBtu)	315,653

### Energy Intensity<sup>5</sup>

Site (kBtu/ft <sup>2</sup> /yr)	37
Source (kBtu/ft <sup>2</sup> /yr)	103

### Emissions (based on site energy use)

Greenhouse Gas Emissions (MtCO <sub>2</sub> e/year)	38
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### Electric Distribution Utility

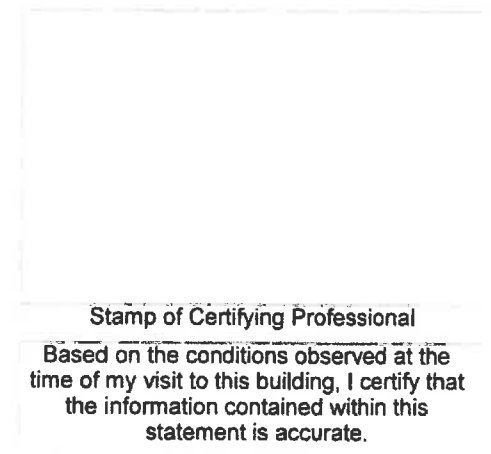
Pennsylvania Electric Co [FirstEnergy Corp]

### National Average Comparison

National Average Site EUI	54
National Average Source EUI	151
% Difference from National Average Source EUI	-32%
Building Type	Courthouse

### Meets Industry Standards<sup>6</sup> for Indoor Environmental Conditions:

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



**Certifying Professional**  
 ThermoCat, Inc.  
 4309 Linglestown Rd. Suite 203  
 Harrisburg, PA 17112

#### 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

## ENERGY STAR<sup>®</sup> Data Checklist for Commercial Buildings

In order for a building to qualify for the ENERGY STAR, a Professional Engineer (PE) or a Registered Architect (RA) must validate the accuracy of the data underlying the building's energy performance rating. This checklist is designed to provide an at-a-glance summary of a property's physical and operating characteristics, as well as its total energy consumption, to assist the PE or RA in double-checking the information that the building owner or operator has entered into Portfolio Manager.

**Please complete and sign this checklist and include it with the stamped, signed Statement of Energy Performance.**  
NOTE: You must check each box to indicate that each value is correct, OR include a note.

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
<b>Building Name</b>	Ebensburg Boro Bldg	Is this the official building name to be displayed in the ENERGY STAR Registry of Labeled Buildings?		<input type="checkbox"/>
<b>Type</b>	Courthouse	Is this an accurate description of the space in question?		<input type="checkbox"/>
<b>Location</b>	300 West High St., Ebensburg, PA 15931	Is this address accurate and complete? Correct weather normalization requires an accurate zip code.		<input type="checkbox"/>
<b>Single Structure</b>	Single Facility	Does this SEP represent a single structure? SEPs cannot be submitted for multiple-building campuses (with the exception of acute care or children's hospitals) nor can they be submitted as representing only a portion of a building		<input type="checkbox"/>
<b>Boro (Courthouse)</b>				
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
<b>Gross Floor Area</b>	8,514 Sq. Ft.	Does this square footage include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, atria, vent shafts, etc. Also note that existing atriums should only include the base floor area that it occupies. Interstitial (plenum) space between floors should not be included in the total. Finally gross floor area is not the same as leasable space. Leasable space is a subset of gross floor area.		<input type="checkbox"/>
<b>Weekly operating hours</b>	60 Hours	Is this the total number of hours per week that the Courthouse is 75% occupied? This number should exclude hours when the facility is occupied only by maintenance, security, or other support personnel. For facilities with a schedule that varies during the year, "operating hours/week" refers to the total weekly hours for the schedule most often followed.		<input type="checkbox"/>
<b>Workers on Main Shift</b>	11	Is this the number of employees present during the main shift? Note this is not the total number of employees or visitors who are in a building during an entire 24 hour period. For example, if there are two daily 8 hour shifts of 100 workers each, the Workers on Main Shift value is 100.		<input type="checkbox"/>
<b>Number of PCs</b>	10	Is this the number of personal computers in the Courthouse?		<input type="checkbox"/>
<b>Percent Cooled</b>	50% or more	Is this the percentage of the total floor space within the facility that is served by mechanical cooling equipment?		<input type="checkbox"/>
<b>Percent Heated</b>	50% or more	Is this the percentage of the total floor space within the facility that is served by mechanical heating equipment?		<input type="checkbox"/>

## ENERGY STAR<sup>®</sup> Data Checklist for Commercial Buildings

### Energy Consumption

Power Generation Plant or Distribution Utility: Pennsylvania Electric Co [FirstEnergy Corp]

<b>Fuel Type: Electricity</b>		
<b>Meter: Electricity (kWh (thousand Watt-hours))</b>		
<b>Space(s): Entire Facility</b>		
<b>Generation Method: Grid Purchase</b>		
Start Date	End Date	Energy Use (kWh (thousand Watt-hours))
08/01/2010	08/31/2010	7,049.00
07/01/2010	07/31/2010	5,894.00
06/01/2010	06/30/2010	5,894.00
05/01/2010	05/31/2010	5,044.00
04/01/2010	04/30/2010	5,060.00
03/01/2010	03/31/2010	5,857.00
02/01/2010	02/28/2010	6,982.00
01/01/2010	01/31/2010	5,439.00
12/01/2009	12/31/2009	4,691.00
11/01/2009	11/30/2009	5,506.00
10/01/2009	10/31/2009	6,291.00
09/01/2009	09/30/2009	6,579.00
<b>Electricity Consumption (kWh (thousand Watt-hours))</b>		<b>70,286.00</b>
<b>Electricity Consumption (kBtu (thousand Btu))</b>		<b>239,815.83</b>
<b>Total Electricity (Grid Purchase) Consumption (kBtu (thousand Btu))</b>		<b>239,815.83</b>
<b>Is this the total Electricity (Grid Purchase) consumption at this building including all Electricity meters?</b>		<input type="checkbox"/>

<b>Fuel Type: Natural Gas</b>		
<b>Meter: NG (ccf (hundred cubic feet))</b>		
<b>Space(s): Entire Facility</b>		
Start Date	End Date	Energy Use (ccf (hundred cubic feet))
08/01/2010	08/31/2010	4.00
07/01/2010	07/31/2010	1.00
06/01/2010	06/30/2010	27.00
05/01/2010	05/31/2010	48.00
04/01/2010	04/30/2010	55.00
03/01/2010	03/31/2010	143.00
02/01/2010	02/28/2010	121.00
01/01/2010	01/31/2010	149.00
12/01/2009	12/31/2009	83.00
11/01/2009	11/30/2009	66.00

10/01/2009	10/31/2009	34.00
09/01/2009	09/30/2009	6.00
<b>NG Consumption (ccf (hundred cubic feet))</b>		<b>737.00</b>
<b>NG Consumption (kBtu (thousand Btu))</b>		<b>75,837.30</b>
<b>Total Natural Gas Consumption (kBtu (thousand Btu))</b>		<b>75,837.30</b>
<b>Is this the total Natural Gas consumption at this building including all Natural Gas meters?</b>		<input type="checkbox"/>

**Additional Fuels**

Do the fuel consumption totals shown above represent the total energy use of this building?  
Please confirm there are no additional fuels (district energy, generator fuel oil) used in this facility.

**On-Site Solar and Wind Energy**

Do the fuel consumption totals shown above include all on-site solar and/or wind power located at your facility? Please confirm that no on-site solar or wind installations have been omitted from this list. All on-site systems must be reported.

**Certifying Professional**

(When applying for the ENERGY STAR, the Certifying Professional must be the same PE or RA that signed and stamped the SEP.)

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature is required when applying for the ENERGY STAR