

March 30, 2012

ENERGY STAR Label for Buildings  
c/o The Cadmus Group, Inc.  
1555 Wilson Boulevard, Suite 300  
Arlington, VA 22209

To whom it may concern:

I hereby nominate, on behalf of the building's owner, the following building for award of the ENERGY STAR:

[REDACTED]  
Denver, CO 80203

I have provided a copy of the *Licensed Professionals Guide to the ENERGY STAR Label for Commercial Buildings* (available at [http://www.energystar.gov/ia/business/evaluate\\_performance/pm\\_lp\\_guide.pdf](http://www.energystar.gov/ia/business/evaluate_performance/pm_lp_guide.pdf)) to our Licensed Professional for reference. As documented by the attached Statement of Energy Performance, the aforementioned building meets the conditions necessary to qualify as ENERGY STAR:

- **Energy performance** in the top 25 percent of similar existing buildings, as indicated by a minimum rating of 75 out of 100 determined through EPA's Portfolio Manager.
- **Thermal comfort** in accordance with the provisions in American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Standard 55, Thermal Environmental Conditions for Human Occupancy.
- **Indoor air quality** in accordance with the provisions of ASHRAE Standard 62, Ventilation for Acceptable Indoor Air Quality.
- **Illuminance levels** in accordance with the Illuminating Engineering Society of North America, IESNA Lighting Handbook.

I am submitting this application within four months of the Period Ending Date (January 31, 2012) on the enclosed Statement of Energy Performance (SEP). I will assist EPA, if requested, in verifying utility billing data. Furthermore, I agree to associate the ENERGY STAR name and logo only with the aforementioned building and to adhere to ENERGY STAR's Identity Guidelines.

Sincerely,

Signature

Signatory Name (Primary Contact for this facility):  
Facility Owner:



# STATEMENT OF ENERGY PERFORMANCE

Building ID: [REDACTED]  
 For 12-month Period Ending: January 31, 2012<sup>1</sup>  
 Date SEP becomes ineligible: May 30, 2012

Date SEP Generated: March 30, 2012

## Facility

[REDACTED]  
 Denver, CO 80203

## Facility Owner

[REDACTED]

## Primary Contact for this Facility

[REDACTED]  
 Denver, CO 80203  
 [REDACTED]

Year Built: [REDACTED]  
 Gross Floor Area (ft<sup>2</sup>): 185,825

Energy Performance Rating<sup>2</sup> (1-100) 85

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

District Steam (kBtu)	6,213,332
Electricity - Grid Purchase (kBtu)	8,861,442
Natural Gas - (kBtu) <sup>4</sup>	0
Total Energy (kBtu)	15,074,774

## Energy Intensity<sup>4</sup>

Site (kBtu/ft <sup>2</sup> /yr)	81
Source (kBtu/ft <sup>2</sup> /yr)	200

## Emissions (based on site energy use)

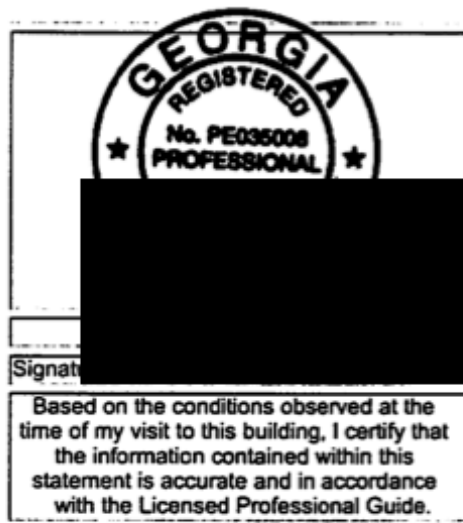
Greenhouse Gas Emissions (MtCO <sub>2</sub> e/year)	2,747
---	-------

## Electric Distribution Utility

Public Service Co of Colorado [Xcel Energy Inc]

## National Median Comparison

National Median Site EUI	127
National Median Source EUI	314
% Difference from National Median Source EUI	-36%
Building Type	Office



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 and in accordance with the Licensed Professional Guide.

## Meets Industry Standards<sup>5</sup> for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	Yes
Acceptable Thermal Environmental Conditions	Yes
Adequate Illumination	Yes

## Professional Engineer

[REDACTED]

### 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® 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"/>
Building Name		Is this the official building name to be displayed in the ENERGY STAR Registry of Labeled Buildings?		<input checked="" type="checkbox"/>
Type	Office	Is this an accurate description of the space in question?		<input checked="" type="checkbox"/>
Location	Denver, CO 80203	Is this address accurate and complete? Correct weather normalization requires an accurate zip code.		<input checked="" type="checkbox"/>
Annual Occupancy Rate	100 %	Has the property maintained an average occupancy of 50% or higher across the 12 month period being assessed?		<input checked="" type="checkbox"/>
Single Structure	Single Facility	Does this SEP represent a single structure? SEPs cannot be submitted for multiple-building campuses (with the exception of a hospital, k-12 school, hotel and senior care facility) nor can they be submitted as representing only a portion of a building.		<input checked="" type="checkbox"/>
<b>Office Space</b>				
				<input checked="" type="checkbox"/>
Gross Floor Area	1,963 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 checked="" type="checkbox"/>
Weekly operating hours	168 Hours	Is this the total number of hours per week that the Office space 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 checked="" type="checkbox"/>
Workers on Main Shift	0	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. The normal worker density ranges between 0.3 and 5.3 workers per 1000 square feet (92.8 square meters)		<input checked="" type="checkbox"/>
Number of PCs	49	Is this the number of personal computers in the Office?		<input checked="" type="checkbox"/>
Percent Cooled	50% or more	Is this the percentage of the total floor space within the facility that is served by mechanical cooling equipment?		<input checked="" type="checkbox"/>
Percent Heated	50% or more	Is this the percentage of the total floor space within the facility that is served by mechanical heating equipment?		<input checked="" type="checkbox"/>
				<input checked="" type="checkbox"/>
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>

Gross Floor Area	182,925 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 checked="" type="checkbox"/>
Weekly operating hours	60 Hours	Is this the total number of hours per week that the Office space 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 checked="" type="checkbox"/>
Workers on Main Shift	620	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. The normal worker density ranges between 0.3 and 5.3 workers per 1000 square feet (92.8 square meters)	<input checked="" type="checkbox"/>
Number of PCs	538	Is this the number of personal computers in the Office?	<input checked="" type="checkbox"/>
Percent Cooled	50% or more	Is this the percentage of the total floor space within the facility that is served by mechanical cooling equipment?	<input checked="" type="checkbox"/>
Percent Heated	50% or more	Is this the percentage of the total floor space within the facility that is served by mechanical heating equipment?	<input checked="" type="checkbox"/>

**Office Space (Other)**

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Gross Floor Area	937 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 checked="" type="checkbox"/>
Number of PCs	1(Optional)	Is this the number of personal computers in the space?		<input checked="" type="checkbox"/>
Weekly operating hours	45Hours(Optional)	Is this the total number of hours per week that the space 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 checked="" type="checkbox"/>
Workers on Main Shift	3(Optional)	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 checked="" type="checkbox"/>

**Parking/Garage (Parking)**

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Gross Floor Area	83,920 Sq. Ft.	Is this the total square footage of the entire parking area (enclosed + nonenclosed + open floor area)?		<input checked="" type="checkbox"/>
Enclosed Floor Area	41,960 Sq. Ft.	Is this the total square footage of the enclosed garage space? An enclosed garage is defined as having both sides and a roof.		<input checked="" type="checkbox"/>
Non-Enclosed Floor Area (w/roof)	0 Sq. Ft.	Is this the total square footage of the nonenclosed garage space? This is typically defined as the portion of the garage above ground (contains no sides but is under a roof).		<input checked="" type="checkbox"/>

Open Floor Area (w/o roof)	41,960 Sq. Ft.	Is this the total square footage of the nonenclosed parking area without a roof? This is typically defined as open parking lots or the very top level of an above ground parking garage.	<input checked="" type="checkbox"/>
Weekly Hours of Access	168 Hours	Is this the total number of hours per week when it is possible for a vehicle to enter or exit?	<input checked="" type="checkbox"/>

# ENERGY STAR® Data Checklist for Commercial Buildings

**Fuel Type: Electricity**

Power Generation Plant or Distribution Utility: Public Service Co of Colorado [Xcel Energy Inc]

**Fuel Type: Electricity**

Meter: 000003891147 (kWh (thousand Watt-hours))

Space(s): Entire Facility

Generation Method: Grid Purchase

Start Date	End Date	Energy Use (kWh (thousand Watt-hours))
12/12/2011	01/15/2012	209,268.00
11/09/2011	12/12/2011	201,779.00
10/11/2011	11/09/2011	190,395.00
09/12/2011	10/11/2011	213,239.00
08/11/2011	09/12/2011	249,183.00
07/13/2011	08/11/2011	242,413.00
06/13/2011	07/12/2011	291,680.00
05/13/2011	06/12/2011	235,045.00
04/13/2011	05/12/2011	203,237.00
03/14/2011	04/12/2011	188,938.00
02/13/2011	03/14/2011	180,292.00
000003891147 Consumption (kWh (thousand Watt-hours))		2,405,469.00
000003891147 Consumption (kBtu (thousand Btu))		8,207,460.23
Total Electricity (Grid Purchase) Consumption (kBtu (thousand Btu))		8,207,460.23
Is this the total Electricity (Grid Purchase) consumption at this building including all Electricity meters?		<input checked="" type="checkbox"/>

**Fuel Type: District Steam**

Meter: #5025 & #1030 (kBtu (thousand Btu))

Space(s): Entire Facility

Start Date	End Date	Energy Use (kBtu (thousand Btu))
01/01/2012	01/31/2012	842,655.09
12/19/2011	12/31/2011	449,077.16
11/19/2011	12/18/2011	1,017,456.58
10/19/2011	11/18/2011	667,614.92
09/19/2011	10/18/2011	72,656.06
08/19/2011	09/18/2011	32,427.43
07/19/2011	08/18/2011	31,845.25
06/19/2011	07/18/2011	34,113.81
05/19/2011	06/18/2011	210,205.79
04/19/2011	05/18/2011	606,748.00
03/19/2011	04/18/2011	641,504.14

02/19/2011	03/18/2011	800,808.00
#5025 & #1030 Consumption (kBtu (thousand Btu))		5,407,112.23
#5025 & #1030 Consumption (kBtu (thousand Btu))		5,407,112.23
Total District Steam Consumption (kBtu (thousand Btu))		5,407,112.23
Is this the total District Steam consumption at this building including all District Steam meters?		<input checked="" 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.	<input checked="" type="checkbox"/>
--	-------------------------------------

#### 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.	<input checked="" type="checkbox"/>
---	-------------------------------------

### 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: [REDACTED] Date: [REDACTED]

Signature: [REDACTED]

Signature is required when applying for the ENERGY STAR.