



# STATEMENT OF ENERGY PERFORMANCE

## Office Sample Facility

**Building ID:** 1678984  
**For 12-month Period Ending:** May 31, 2009<sup>1</sup>  
**Date SEP becomes ineligible:** September 28, 2009

**Date SEP Generated:** August 27, 2009

**Facility**  
 Office Sample Facility  
 1234 Main Street  
 Charlotte, NC 28227

**Facility Owner**  
 Sample Owner  
 1500 Test Avenue  
 Charlotte, NC 28227  
 555-555-5555

**Primary Contact for this Facility**  
 Jane Smith  
 1500 Test Avenue  
 Charlotte, NC 28227  
 555-555-5555  
 jsmith@jsmith.com

**Year Built:** 2000  
**Gross Floor Area (ft<sup>2</sup>):** 53,232

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

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

Electricity - Grid Purchase(kBtu)	2,288,770
Natural Gas (kBtu) <sup>4</sup>	1,162,996
<b>Total Energy (kBtu)</b>	<b>3,451,766</b>

**Energy Intensity<sup>5</sup>**

Site (kBtu/ft <sup>2</sup> /yr)	65
Source (kBtu/ft <sup>2</sup> /yr)	166

**Emissions (based on site energy use)**


Greenhouse Gas Emissions (MtCO <sub>2</sub> e/year)	409
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**Electric Distribution Utility**

Duke Energy Carolinas, LLC

**National Average Comparison**

National Average Site EUI	102
National Average Source EUI	261
% Difference from National Average Source EUI	-36%
Building Type	Office



Professional Engineer Stamp

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

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 PE Guide.

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

Ventilation for Acceptable Indoor Air Quality	<b>Yes</b>
Acceptable Thermal Environmental Conditions	<b>Yes</b>
Adequate Illumination	<b>Yes</b>

**Professional Engineer**

License Number: 0000203  
 State: NC  
 John Doe  
 33 Country Lane  
 Charlotte, NC 28227  
 555-555-7788

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. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
5. Values represent energy intensity, annualized to a 12-month period.
6. 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 public reporting burden for this collection of information is estimated to average 1 hour per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.