



# 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
Total Energy (kBtu)	3,451,766

### 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

### 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 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.

### Professional Engineer

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

#### Notes:

- 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.
- 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.
- Values represent energy consumption, annualized to a 12-month period.
- 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.
- Values represent energy intensity, annualized to a 12-month period.
- 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.