



# ENERGY STAR<sup>®</sup> Statement of Energy Design Intent (SEDI)<sup>1</sup> Sample Design Project

# 97

Primary Property Function: Office

Gross Floor Area (ft<sup>2</sup>): 200,000

Estimated Date of Certification of Occupancy: \_\_\_\_\_

Date Generated: June 28, 2013

ENERGY STAR<sup>®</sup>  
Design Score<sup>2</sup>

1. This form may be used to apply for the ENERGY STAR Designed to Earn. This form was generated from Portfolio Manager's target finder: <http://www.portfoliomanager.energystar.gov/targetfinder>.
2. The ENERGY STAR Score is based on total source energy. The scale is 1-100. A score of 75 is the minimum to be eligible for the ENERGY STAR.

## Property & Contact Information for Design Project

<b>Property Address</b> Sample Design Project 123 Main Street Arlington, Virginia 22030	<b>Project Architect</b> Joe Walker 1 Washington Blvd Arlington, VA 22030 703-210-1892 joewalker@wcpb.com	<b>Owner Contact</b> Jane Smith 1 Washington Blvd Arlington, VA 22030 ( ) - jsmith@wcpb.com
<b>Property ID:</b> 5000025	<b>Architect Of Record</b> Wellington Commercial Property Managers 1 Washington Blvd Arlington, VA 22030 ( ) -	<b>Property Owner</b> Wellington Commercial Property Managers 1 Washington Blvd Arlington, VA 22030 ( ) -

## Estimated Design Energy

Fuel Type	Usage	Energy Rate (\$/Unit)
Electric - Grid	8,150,000 kBtu (thousand Btu)	\$ 0.29/kBtu (thousand Btu)

## Estimated Design Use Details

Office	
Gross Floor Area	200,000 Sq. Ft.
Percent That Can Be Cooled	50 % or more
Percent That Can Be Heated	50 % or more
Number of Computers	1,000
Number of Workers on Main Shift	1,000
Weekly Operating Hours	85

## Design Energy and Emission Results

Metric	Design Project	Median Property	Estimated Savings
ENERGY STAR Score (1-100)	97	50	N/A
Energy Reduction (from Median)(%)	-60.32	0	N/A
Source Energy Use Intensity (kBtu/ft <sup>2</sup> /yr)	128	322	194
Site Energy Use Intensity (kBtu/ft <sup>2</sup> /yr)	40	102	62
Source Energy Use (kBtu/yr)	25,591,000	64,520,000	38,929,000
Site Energy Use (kBtu/yr)	8,150,000	20,565,750	12,415,750
Energy Costs (\$)	2,363,499	5,964,067	3,600,568
Total GHG Emissions (metric tons/yr)	1,128	2,847	1,719

## Designed to earn the ENERGY STAR: Application Checklist

This section is only required if you are using this document to apply for Designed to Earn the ENERGY STAR. All design projects that achieve an EPA energy performance score of 75 or higher are eligible for this certification.

- 1) Does the intended function or use for the property match the criteria of a [property type](#) that's eligible to receive an ENERGY STAR score?  Yes  No/Not Sure

If you are not sure that your property design is eligible for a design ENERGY STAR score, please describe the property's major functions:

- 2) Is the design project at least 95% complete with construction documents?  Yes  No

If no, please explain:

- 3) Is the property occupied and generating energy bills?  Yes  No

- 4) Do energy calculations account for the whole building intended operations and all energy sources?  Yes  No

- 5) Is the Architect of Record (AOR) an ENERGY STAR partner?  Yes  No

- 6) Will you review this document with the owner before they sign the Letters of Intent?  Yes  No

- 7) Do the AOR and Building Owner agree that EPA may use information from this document in ENERGY STAR program materials?  Yes  No

- 8) Are you seeking other qualifications for this design project?  Yes  No

If so, please select all that apply:

- AIA 2030 Commitment
- Architecture 2030 Challenge
- Federal, State or Local Disclosure Ordinance
- Green Globes
- LEED
- Other, please indicate: \_\_\_\_\_

**Professional Verification**

I \_\_\_\_\_ (Name) verify that the above information is true and correct to the best of my knowledge.

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

**Verifying Professional**

License: 1245 in VA

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**Note:** When applying for the ENERGY STAR Designed to Earn, the signature of the Verifying Professional must match the stamp.

**Verifying Professional Stamp  
(if applicable)**