



ENERGY STAR[®] Statement of Energy Design Intent (SEDI)¹

Example

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Primary Property Type: Bank Branch
Gross Floor Area (ft²): 50,000
Estimated Date of Certification of Occupancy: _____

Date Generated: June 12, 2023

ENERGY STAR[®]
Design Score²

1. This form is required when applying for Designed to Earn the ENERGY STAR recognition. It was generated from ENERGY STAR Portfolio Manager.

2. The ENERGY STAR 1 – 100 Score is based on total annual Source Energy. To be eligible for Designed to Earn the ENERGY STAR recognition you must score at least 75.

Property & Contact Information for Design Project

Property Address
Example
1902 Reston Metro Plaza
Reston, Virginia 20190

Project Architect

() - _____

Owner Contact

() - _____

Property ID: 27855926

Architect Of Record

() - _____

Property Owner

() - _____

Estimated Design Energy

Fuel Type	Usage	Energy Rate (\$/Unit)
Electric - Grid	12,345,678 kWh (thousand Watt-hours)	\$ 100.00/kWh (thousand Watt-hours)

Estimated Design Use Details

★ This Use Detail is used to calculate the 1-100 ENERGY STAR Score.

Bank Branch

★ Weekly Operating Hours	65 ⬅ default value
★ Number of Workers on Main Shift	115 ⬅ default value
★ Percent That Can Be Cooled	50 % or more ⬅ default value
★ Number of Computers	100 ⬅ default value
Percent That Can Be Heated	50 % or more ⬅ default value
★ Gross Floor Area	50,000 Sq. Ft.

Design Energy and Emission Results

Metric	Design Project	Median Property	Estimated Savings
ENERGY STAR Score (1-100)	1	50	N/A
Energy Reduction (from Median)(%)	894.4	0	N/A
Source Energy Use Intensity (kBtu/ft²/yr)	2,358	237	-2,121
Site Energy Use Intensity (kBtu/ft²/yr)	842	84	-758
Source Energy Use (kBtu/yr)	117,945,647	11,861,003	-106,084,644
Site Energy Use (kBtu/yr)	42,123,445	4,236,073	-37,887,372
Energy Costs (\$)	1,234,567,605	124,152,192	-1,110,415,413
Total (Location-Based) GHG Emissions (Metric Tons CO2e)	3,507	352	-3,155

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 your [property type](#) match the function or use of a property that's eligibility to receive an ENERGY STAR design score? ☐ Yes ☐ No/Not Sure

If you are not sure your project is eligible for an ENERGY STAR design score, please describe the property's major functions or use:

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

If no, please explain:

- 3) Is the property currently unoccupied and not yet 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) applying for ENERGY STAR partnership? ☐ Yes ☐ No

- 6) Was the design record created in the owner's Portfolio Manager account? ☐ Yes ☐ No

- 7) 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

,
(____)____-____



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)**

I agree to adhere to the ENERGY STAR Identity Guidelines when using the Designed to Earn the ENERGY STAR recognition graphic in association with this project.

Architect of Record Acknowledgement

As the Architect of Record representative, I confirm that the information on this SEDI is true and accurate to the best of my knowledge. It is our best estimate for all energy use of specified systems and processes but does not guarantee the operational performance of this building. Instead, this project has been specified to achieve Designed to Earn the ENERGY STAR recognition in an effort to assist the Owner/Developer in meeting their operational performance goal for the building to earn ENERGY STAR certification.

Signature: _____

Date: _____

Building Owner/Developer Acknowledgement

As the Building Owner/Developer representative, I concur that this project be nominated for Designed to Earn the ENERGY STAR recognition. Our organization understands the importance of measuring actual energy use in Portfolio Manager after receiving the Certificate of Occupancy to verify that this property is performing as intended. We understand that once the building earns an ENERGY STAR score of 75 or higher, it may be eligible for ENERGY STAR certification.

Signature: _____

Date: _____