



LEED 2009 for Retail: Commercial Interiors

EA CREDIT 5: ON-SITE RENEWABLE ENERGY

All fields and uploads are required unless otherwise noted.

ALL OPTIONS

This static sample form has been modified for offline access. All sections of the form are visible. Sample forms are for reference only.

Table EAc5-1. Renewable Energy Source Summary

Renewable Energy Source	Renewable Energy Source Allocation	Renewable Systems Owner	Energy Type	Rated Capacity	Annual Energy Generated	Units	Annual Energy Cost (\$)
Total annual renewable energy generated (kWh)							
Total annual renewable energy cost (\$)							

Signatory EAc5-1.

The environmental attributes associated with the project building's on-site renewable energy have not been sold, and will be retained or retired for as long as the building remains LEED certified. If renewable energy certificates (RECs) are sold, then RECs equal to 100% of the system's annual rated energy output each year will be purchased from another Green-e eligible source.

Select one of the following:

- ☐ **Signature.** Provide a digital signature affirming the signatory statement in gray directly above
- Initial here:
- OR ☐ **Upload EAc5-RS1.** Provide a document with the signatory statement, copied directly from the form, signed and dated on letterhead.
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Upload EAc5-1. Provide the renewable energy purchase agreement between the building/property owner and the renewable system owner, indicating a ten year minimum commitment.

For any renewable source allocations spanning the LEED project and space outside LEED boundary, describe calculations and assumptions made to parse the renewable source across the different end uses.

Table EAc5-2. MEI and Renewable Energy Cost

Choose the predominant building type that suits the project OR use a non-default MEI and explain the sources for the non-default MEI value.

Building Type	Default MEI	Electricity (kWh/sf/yr)	Non-Electrical Fuel (kBtu/sf/yr)
	<input type="checkbox"/>		
Gross square footage of the project building (sf)			
Annual energy use (kWh/yr, kBtu/yr)			
Average energy rate (\$/kWh, \$/kBtu)			
Annual energy cost (\$/yr)			
Total annual energy cost (\$/yr)			
Percent renewable energy (by cost)			

Must be 1% or greater to document 1 point, 3% or greater to document 2 points, 5% or greater to achieve exemplary performance.

List the CBECS source and/or calculation methodology used to calculate the non-default Median Energy Intensity value. If a complete building energy simulation was used to calculate the building energy consumption, the narrative should affirm that the energy inputs are consistent with those reported in EAc1.1 through 1.5, and should provide additional details regarding any energy inputs not described in EAc1.1 through 1.5.

Upload EAc5-2. Provide supplemental documentation supporting the calculation of a non-default Median Energy Intensity value. If a complete building energy simulation was used to calculate the building energy consumption, upload the simulation output reports showing the energy consumption by end-use and the number of unmet loads hours, as well as input summary reports for at least one HVAC system and thermal zone.

Signatory EAc5-2.

The renewable energy system(s) declared in the Table EAc5-1 will be installed by substantial completion of construction.

Select one of the following:

- ☐ **Signature.** Provide a digital signature affirming the signatory statement in gray directly above
- OR
- ☐ **Upload EAc5-RS2.** Provide a document with the signatory statement, copied directly from the form, signed and dated on letterhead.
- Initial here:

Describe the on-site renewable energy production system(s).

ADDITIONAL DETAILS

- ☐ Special circumstances preclude documentation of credit compliance with the submittal requirements outlined in this form.

SPECIAL CIRCUMSTANCES

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload EAc5-SC. Provide any additional documentation that supports the claim to special circumstances. (Optional)

- ☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

ALTERNATIVE COMPLIANCE PATH

Describe the alternative compliance path used by the project team. Include justification that this path meets the credit intent and requirements. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload EAc5-ACP. Provide any additional documents that support the alternative compliance path approach. (Optional)

- ☐ The project team is using the above alternative compliance path to document exemplary performance of EA Credit 5.

SUMMARY

EA Credit 5: On-Site Renewable Energy Points Documented:

EA Credit 5: On-Site Renewable Energy Exemplary Performance Documented:

- ☐ The project team reserves one point in the Innovation in Design credit category for exemplary performance in EA Credit 5.