



LEED 2009 for Existing Buildings: Operations & Maintenance

EA CREDIT 4: ON-SITE AND OFF-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.

Performance period start:

Invalid Date range: The performance period must be between 89 and 731 days, and must end within 90 days of the overall project performance period given in the Project Information section.

Performance period end:

Renewable Energy thresholds for EAc4 are derived from calculations in EAp2. The total annual site energy usage value reported for EAp2 and EAc4 must agree.

Total annual site energy usage:

MBTU

EAc4 Performance period length:

months

Prorated building energy use during EAc4 performance period (this value is the baseline for the performance calculations below):

MBTU

Renewable energy counted towards the requirements of EAc4 will not be sold or traded in any way, and will not be counted towards any other LEED project.

SIGNATORY

Initial here:

Select one or both of the following:

- ☐ **On-site:** Some or all of the total building energy use is met with on-site renewable energy systems.
- ☐ **Off-site:** Some or all of the total building energy use is met with off-site renewable energy systems.

ON-SITE RENEWABLE ENERGY

Complete the table below for all renewable energy generated on-site during the performance period.

Table EAc4-1. On-Site Renewable Energy Source Summary

Renewable Energy Type	Amount of Energy Generated During the Performance Period (Based on Metered Energy Output)		Renewable Energy per Type (MBTU)	Percentage Renewable Achievement by Type (%)	Allocated to space outside LEED Boundary	Renewable system owner
					<input type="checkbox"/>	

Total for the performance period		
Calculated annual MBTU and % renewable energy produced		

Describe the type of bio-fuel used on site.

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

For renewable systems supplying spaces beyond the LEED project boundary: Describe the calculations and assumptions made to parse the renewable source across the different end uses.

Upload EAc4-1. Provide the renewable energy purchase agreement between the building/property owner and the renewable system owner, indicating a ten year minimum commitment.

OFF-SITE RENEWABLE ENERGY

For each Green Power Provider, indicate the Purchase Type, the Green Power / Green-E Tradable Renewable Certificate provider name, the total green power purchase quantity allotted to the performance period, and the contract term.
NOTE: The maximum contribution of off-site renewable energy to calculations for EAc4 is 100%.

Table EAc4-2. Green Power Provider Summary

Purchase Type	Green Power / Green-E Tradable Renewable Certificate Provider Name	Total Green Power Purchase Quantity Allotted to the Performance Period	Units	Contract Term (years)
Percent Green Power over Performance Period				

Upload EAc4-3. Provide proof of Green-E equivalent certification.

The owner of the project building intends to purchase off-site renewable energy on an ongoing basis beyond the expiration of the current contract.

SIGNATORY	
Initial here:	

Upload EAc4-2. Provide proof of a contract to purchase off-site renewable energy for a minimum of two years.

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.

- ☐ 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.

☐ The project team is pursuing exemplary performance of EA Credit 4.

EXEMPLARY PERFORMANCE

Percentage sum of on-site and off-site renewable energy: %

Exemplary performance is available for projects that provide 13.5% on-site renewable energy.

Exemplary performance is not available for projects providing off-site renewable energy as the only source.

Exemplary performance may be available for projects that provide a minimum equivalent calculated combination of 37% on-site and off-site renewable energy.

SUMMARY

EA Credit 4: On-site and Off-site Renewable Energy Points Documented:

EA Credit 4: On-site and Off-site Renewable Energy Exemplary Performance Documented:

☐ The project team reserves 1 point in the Innovation in Operations credit category for exemplary performance in EA Credit 4.