| v3 - LEED 2009

Green power

EAc4 | Possible 2 points

Glossary

Intent

To encourage the development and use of grid-source, renewable energy technologies on a net zero pollution basis.

Requirements

Option 1

Engage in at least a 2-year renewable energy contract to provide at least 50% of the building's electricity from renewable sources, as defined by the Center for Resource Solutions' Green-e energy product certification requirements or an equivalent [Europe ACP: Green Power] [South America ACP: Green Power].

All purchases of green power must be based on the quantity of energy consumed, not the cost, as determined by the annual electricity consumption results of EA Credit 1.3, Option 2, Optimize Energy Performance.

If the green power is not Green-e Energy certified, equivalence must exist for both major Green-e Energy program criteria: 1) current green power performance standards, and 2) independent, third-party verification that those standards are being met by the green power supplier over time.

OR

Option 2

Engage in at least a 2-year renewable energy contract to purchase at least 8 kilowatt hours per square foot per year (86.1 kilowatt hours per square meter per year) from renewable electricity sources as defined by the Center for Resource Solutions Green-e Energy's product certification requirements, or an equivalent [Europe ACP: Green Power] [South America ACP: Green Power].

Green power can be purchased on a centralized basis and credit attributed to a certain retail project. However, the same power cannot be credited to another LEED project.

If the green power is not Green-e Energy certified, equivalence must exist for both major Green-e Energy program criteria: 1) current green power performance standards, and 2) independent, third-party verification that those standards are being met by the green power supplier over time.

Alternative Compliance Paths (ACPs)

Europe ACP: Green-e Energy Equivalent

Projects in Europe may use the following approved standards in place of Green-e Energy:

- EKOenergy
- Guarantees of Origin (GOs) with additional parameters

LEED 2009 ID+C Supplemental Reference Guide with Alternative Compliance Paths for Europe

South America ACP: Green-e Energy Equivalent

Projects in South America may use the Brazilian "Certificado de Energia Renovável" (Renewable Energy Certificate) with additional parameters in place of Green-e Energy.

LEED 2009 ID&C Supplemental Reference Guide with Alternative Compliance Paths for South America

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