



On-site renewable energy

EAc2 | Possible 7 points

Intent

To encourage and recognize increasing levels of on-site renewable energy self-supply to reduce environmental and economic impacts associated with fossil fuel energy use.

Requirements

Use on-site renewable energy systems to offset building energy costs. Calculate project performance by expressing the energy produced by the renewable systems as a percentage of the building's annual energy cost and use the table below to determine the number of points achieved.

Use the building annual energy cost calculated in EA Credit 1: Optimize Energy Performance or the U.S. Department of Energy's Commercial Buildings Energy Consumption Survey database to determine the estimated electricity use.

The table below describes the minimum percentage of renewable energy for each point threshold:

Percentage Renewable Energy	Points
1%	1
3%	2
5%	3
7%	4
9%	5
11%	6
13%	7

Pilot ACPs Available

The following pilot alternative compliance path is available for this credit. See the [pilot credit library](#) for more information.

[EApc95: Alternative Energy Performance Metric ACP](#)