

Earn More LEED Points for Your Commercial Project with SunPower

LEED® certification is used as a mark of quality and achievement in green building. Product selection and energy optimization both play important roles in certification. SunPower® E-Series and X-Series solar panels manufactured in Mexicali, Mexico provide the best return on your investment when it comes to earning LEED points for your project because they are Cradle to Cradle™ certified at the Silver level.

Recent empirical studies show that green commercial buildings have:¹

- 2-17% higher resale value
- 5.8-35% higher rental rates
- 0.9-18% higher occupancy rates
- 30% lower operating expenses
- 5.9% higher net operating income

The US Green Building Council, the governing body of LEED, recognizes Cradle to Cradle certification as a distinguishing mark for products. SunPower solar panels are the first solar panels to be designated as Cradle to Cradle Certified Silver, demonstrating SunPower’s leadership in environmental stewardship and sustainable product design. Further, the packaging materials are recyclable or reusable, reducing construction waste.

Only 40 points are required for Basic LEED Certification, and a SunPower solar system with Cradle to Cradle Certified™ solar panels can contribute across several credit categories. On a typical project*, a solar system contributes 5 points, and using Cradle to Cradle™ certified products and reducing construction waste can yield an additional 9 points. On a \$20Mn project seeking LEED Basic, 14 points are worth \$90,000.²

The LEED for Homes program applies similar sustainable building principles to the residential sector. Studies have shown that green homes sell faster and at higher prices.³ LEED for Homes recognizes the use of healthy products and local energy production, making SunPower a great fit to contribute points.

		E-Series/X-Series Solar Panel SunPower Corporation Version 3.0 Recertification October, 2016				
SILVER		BASIC	BRONZE	SILVER	GOLD	PLATINUM
	Material Health			✓		
	Material Reutilization			✓		
	Renewable Energy			✓		
	Water Stewardship				✓	
	Social Fairness			✓		



Audit results from Mexicali facility demonstrate SunPower's leadership in responsible manufacturing

SunPower is a proud member of the US Green Building Council

* A typical project assumes core and shell or major renovation with at least 10% of the energy offset by solar, sufficient products to qualify for Material and Resource categories, and 33% of the hardscape covered with solar, or other heat island reducing coverings.

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A complete list of relevant credit categories, where a SunPower system directly contributes, can be found below for LEEDv4, LEED for Homes, and LEEDv3.

LEEDv4	Maximum Points
Renewable energy	3
Heat Island Reduction	2
Building product disclosure and optimization - environmental product declarations	2
Building product disclosure and optimization - material ingredients	2
Building product disclosure and optimization - sourcing of raw materials	2
Construction and demolition waste management planning and planning	3

LEED for Homes	Maximum Points
Building product disclosure and optimization - material ingredients	1
Building product disclosure and optimization - sourcing of raw materials	1
Environmentally preferable products	5
Renewable energy	4

LEEDv3	Maximum Points
Heat island effect – non-roof	1
Heat island effect – roof	1
On-site renewable energy	7
Material multi-attribute assessment	1
Responsible sourcing of raw materials	1
Material disclosure and assessment	1
Whole building life cycle assessment	1
Material ingredient reporting	1
Material ingredient optimization	1
Material ingredient product manufacturer supply chain optimization	1
Construction waste management	2

References:

- [1] Institute for Building Efficiency, "Assessing the Value of Green Buildings," 2012.
- [2] G. Syphers, M. Baum, D. Bouton, and W. Sullens, "Managing the Cost of Green Buildings," 2003.
- [3] US Green Building Council, "Benefits of Green Homebuilding," 2015. [Online]. Available: <http://www.usgbc.org/articles/benefits-green-homebuilding>.

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