

LEED-EB O&M '08 AND '09 COMPARISON

The certification points have been aligned in the CS, NC, CI and EB rating systems. Each rating system now has the same amount of maximum possible points and the same amount of points needed to achieve each level of certification.

CERTIFIED = 40-49 • SILVER = 50-59 • GOLD = 60-79 • PLATINUM = 80-110

POINT CHANGE	CRITERIA	DESCRIPTION	v. 2008	v. 2009
+14	Sustainable Sites		12	26
		SSc1 LEED Certified Design and Construction	1	4
		SSc4 Alternative Commuting Transportation	1-4	3-15
+4	Water Efficiency		10	14
		WEc2 Additional Indoor Plumbing Efficiency	1-3	1-5
		WEc3 Water Efficient Landscaping	1-3	1-5
+5	Energy & Atmosphere		30	35
		EAc1 Optimize Energy Efficiency Performance (ENERGY STAR performance rating of "71" = 1 point)	1-15	1-18
		EAc4 On-Site and Off-Site Renewable Energy	1-4	1-6
-4	Materials & Resources		14	10
		MRC1 Sustainable Purchasing - Ongoing Consumables	2	1
		MRC4 Sustainable Purchasing - Reduced Mercury in Lamps	2	1
		MRC7 Solid Waste Management - Ongoing Consumables	2	1
-4	Indoor Environmental Quality		19	15
		IEQc2.4 Daylight and Views	2	1
		IEQc3.2 Custodial Effectiveness Assessment	2	1
		IEQc3.3 Purchase of Cleaning Products and Materials	3	1
-1	Innovation in Operations (& Exemplary Performance)		7	6
		IOc3 Documenting Sustainable Building Cost Impacts	2	1
+4	Regional Priority Credits		0	4
		RPC1 Zip code specific	0	4

All LEED 2009 certified projects with whole-project meters in place must commit to allow USGBC to access all available actual whole-project energy and water usage data in the future for research purposes. This commitment must carry forward if the building changes ownership. Building owners will not be required to actively supply USGBC with information, but simply authorize USGBC to access the information. Access must be granted within a year of achieving LEED certification. Exemptions are allowed only if no such meters are in place.

Overall, the credits have now been weighted according to climate change and environmental impact relevance. The categories of Sustainable Sites, Water Efficiency and Energy and Atmosphere have significantly increased points, while the categories of Materials and Resources and Indoor Environmental Quality have decreased points. Changes to credits are as follows:

- **Sustainable Sites** (v. 2008 = 12 points, v. 2009 = 26 points)
 - SSc4 Alternative Commuting Transportation has been increased to up to 15 points compared to only 4 points previously.
- **Water Efficiency** (v. 2008 = 10 points, v. 2009 = 14 points)
 - WEC2 Additional Indoor Plumbing Fixture and Fitting Efficiency has been increased to up to 5 points compared to only 3 points previously.
 - WEC3 Water Efficient Landscaping has been increased to up to 5 points compared to only 3 points previously.
- **Energy and Atmosphere** (v. 2008 = 30 points, v. 2009 = 35)
 - EAc1 Optimize Energy Efficiency Performance has been increased to up to 18 points compared to only 15 previously.
 - EAc4 On-site and Off-site Renewable Energy has been increased to up to 6 points compared to only 4 points previously.
- **Materials and Resources** (v. 2008 = 14 points, v. 2009 = 10)
 - MRc1 Sustainable Purchasing – Ongoing Consumables has been reduced from the previous 3 points down to only 1 point. Increments of 40% and 80% were deleted; only the 60% increment remains.
 - MRc4 Sustainable Purchasing – Reduced Mercury in Lamps has been reduced from the previous 2 points down to only 1 point. The increment of 70 picograms per lumen hour has been deleted (although it may count as an Exemplary Performance Innovation point); the 90 picograms remains.
 - MRc7 Solid Waste Management – Ongoing Consumables has been reduced from the previous 2 points down to only 1 point. The increment of 70% has been deleted (although it may count as an Exemplary Performance Innovation point); the 50% increment remains.

- **Indoor Environmental Quality** (v. 2008 = 19 points, v. 2009 = 15)
 - IEQc2.4 Daylight and Views has been reduced from the previous 2 points down to only 1 point. The increment of 75% Light / 90% View has been deleted (although it may count as an Exemplary Performance Innovation point); the increment of 50% Light / 45% View remains.
 - IEQc3.1 Green Cleaning – Custodial Effectiveness Assessment has been reduced from the previous 2 points down to only 1 point. The achievement of a score of 2 or less has been deleted (although it may count as an Exemplary Performance Innovation point); a score of 3 or less remains.

- **Innovation in Operations** (v. 2008 = 7 points, v. 2009 = 6 points)
 - IOc3 Documenting Sustainable Building Cost Impacts has been reduced from the previous 2 points down to only 1 point.

- **Regional Priority Credits** (v. 2008 = 0 points, v. 2009 = 4 points)
 - RPC1 Regional Priority credits have been added which assign 1 extra point to 6 credits which vary according to the zip code the LEED project falls within. Although there will be 6 credits that will become bonus Regional Credits per region, only 4 may be used per project.

The certification submittals process through LEED Online has been completely redesigned. There is now less emphasis on the narrative boxes for each credit. Previously, most of the credits required a narrative where you had to explain in detail how your property is able to achieve the credit. It was found that many of the submitted narratives were either too short, or overly-detailed. LEED online is now more guided and directed by utilizing more boxes with check marks and form boxes instead of detailed narratives.

Data entered into LEED Online will be linked throughout all of the submittals of a project. The data that is initially entered into the project information form will automatically generate in each of the applicable credits that require the same data so that less repetition of data entry is required.

The role of a Licensed Professional has been expanded and simplified. At select credits, instead of filling out long, complicated tables or uploading drawings or other documentation to verify compliance, a licensed professional engineer, architect or registered landscape architect may initial to verify conditions of the site or building thereby minimizing the documentation required. Licensed professionals can indicate a project's credit compliance even if they are licensed in a different state, however they must be licensed in the appropriate field. Once Licensed Professionals are documented in one project, their professional status will be automatically recognized by LEED-Online in subsequent projects. Commissioning Authorities are not yet recognized as Licensed Professionals.