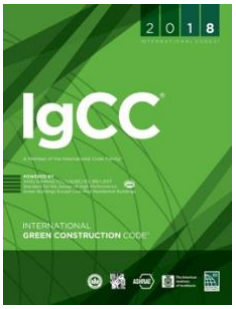
Alignment of LEED and the 2018-IgCC



Green building strategies are increasingly being introduced into traditional building codes, addressing the cross-cutting categories of site selection, water conservation, energy efficiency, renewables, indoor environmental quality and resource conservation. USGBC believes a strong and successful green building code is vital to create the best communities for today without compromising the needs of future generations. That's why USGBC co-sponsored the 2018-International Green Construction Code powered by ASHRAE Standard 189.1 (2018-IgCC).

LEED and codes are not mutually exclusive. The following list of LEED Version 4 credits and prerequisites map closely to specific sections of the 2018-IgCC and have very high achievement rates for the 90,000+ LEED projects worldwide, making them ready for widespread adoption in code. USGBC is in the process of developing formal connections to the 2018-IgCC in LEED for jurisdictions that adopt the IgCC. Learn more at www.new.usgbc.org/green-codes.

LEED Credit Category	LEED BD+C v4 Prerequisite or Credit	Corresponding 2018-IgCC Measure	Potential LEED Points	Achievement Rates
Location & Transportation	Sensitive Land Protection	501.3.1.1 Allowable Sites	1 Point	70%
		501.3.1.2 Prohibited Development Activity		
Sustainable Sites	Construction Activity Pollution Prevention	1001.3.1.7 Construction Activity Pollution Prevention: Idling of Construction Vehicles	Prerequisite	100%
		1001.3.1.8 Construction Activity Pollution Prevention: Protection of Occupied Areas		
		1001.3.1.4 Erosion & Sedimentation Control		
	Rainwater Management (95th percentile)	501.3.4.1 Projects on Greenfield Sites (Stormwater Management)	2 Points	40%
		501.3.4.2 Projects on Greyfield Sites (Stormwater Management)		
	Heat Island Reduction	501.3.5 Mitigation of Heat Island Effect: 501.3.5.1 Site Hardscape	1 Point	70%
		501.3.5.3 Roofs, 501.3.5.4 SRI, 501.3.5.5 Vegetated Terrace and Roofing Systems		
	Light Pollution Reduction (Option 1 BUG rating method)	501.3.6 Reduction of Light Pollution	1 Point	60%
Water Efficiency	Outdoor Water Use Reduction (Option 2, 30%)	601.3.1.1 Landscape Design	Prerequisite	100%
		601.3.1.2 Irrigation		
		601.3.1.2.3 Irrigation of Rainfall-ETc Compatible Plants		
		601.3.2.4 Roofs		
		601.3.3 Special Water Features		
	Indoor Water Use Reduction (20%)	601.3.2.1 Plumbing Fixtures and Fittings	Prerequisite	100%
		601.3.2.2 Appliances		
		601.3.2.5 Commercial Food Service Operations		
		601.3.2.6 Medical and Laboratory Facilities		
		601.3.6 Reverse Osmosis Water Treatment Systems		
	Cooling Tower Water Use	601.3.2.3 HVAC Systems and Equipment	1 Point	25%
	Building-Level Water Metering	601.3.4 Water Consumption Measurement	Prerequisite	100%
	Outdoor Water Use Reduction (Option 2, 50%)	601.3.1.2 Irrigation	1 Point	90%
		601.3.1.2.3 Irrigation of Rainfall-ETc Compatible Plants		
		601.3.2.4 Roofs		
		601.3.3 Special Water Features		

		601.3.7 On-site Reclaimed Water Treatment Systems		
Water Efficiency	Indoor Water Use Reduction (25%)	601.3.2.2 Appliances	1 Point	95%
		601.3.6 Reverse Osmosis Water Treatment Systems		
	Water Metering	601.3.4 Water Consumption Measurement	1 Point	80%
Energy & Atmosphere	Fundamental Commissioning and Verification	1001.3.1 Construction/10.3.1.1 Building Systems FPT	Prerequisite	100%
	Enhanced Commissioning (Option 1)	1001.3.1.1.1 FPT Requirements	3 Points	80%
		1001.3.1.2 Building Project Commissioning (Cx) Process		
		1001.3.1.3 Project Cx Documents		
	Minimum Energy Performance (Option 1, 5%)	701.3.1 General	Prerequisite	100%
	Optimize Energy Performance (14%)	701.4 Prescriptive Option	5 Points	90%
		701.5 Performance Option		
	Fundamental Refrigerant Management	901.3.3 Refrigerants	Prerequisite	100%
	Building Level Energy Metering	701.3.3 Energy Consumption Management	Prerequisite	100%
Materials & Resources	Storage and Collection of Recyclables	901.3.4 Areas for Storage and Collection of Recyclables and Discarded Goods	Prerequisite	100%
	Construction & Demolition Waste Management Planning	901.3.1.3 Construction Waste Management Plan	Prerequisite	100%
	Construction & Demolition Waste Management (50% diversion)	901.3.1.1 Diversion	1 Point	80%
		1001.3.1.10 Construction Waste Management		
Indoor Environmental Quality	Minimum Indoor Air Quality Performance	801.3 Mandatory Provisions 801.3.1 Indoor Air Quality	Prerequisite	100%
		801.3.1.1 Minimum Ventilation Rates		
		801.3.1.2 Outdoor Air Delivery Monitoring		
		801.3.1.3 Filtration and Air Cleaner Requirements		
		801.3.1.4 Building Pressure		
		801.3.1.5 Venting of Combustion Products		
		801.3.1.6 Humidity Control		
	Environmental Tobacco Smoke Control	801.3.1.7 Environmental Tobacco Smoke	Prerequisite	100%
	Thermal Comfort	801.3.2 (8.3.2) Thermal Environmental Conditions for Human Occupancy	1 Point	75%
	Low Emitting Materials	801.4.2.1 Adhesives and Sealants	1 Point	70%+
		801.4.2.2 Paints and Coatings		
		801.4.2.3 Floor Covering Materials		
	Construction Indoor Air Quality Management Plan	1001.3.1.5 IAQ Construction Management	1 Point	80%
		1001.3.1.6 Moisture Control		
		1001.3.1.8 Construction Activity Pollution Prevention: Protection of Occupied Areas		
			Summary:	All LEED Prerequisites + 20 points

LEED certification levels: Certified: 40 to 49 points, **Silver:** 50 to 59 points, **Gold:** 60 to 79 points, **Platinum:** 80 to 110

http://www.new.usgbc.org/green-codes