

Existing Buildings: Operations & Maintenance Changes: LEED 2009 – LEED 2012

INTEGRATED DESIGN (NEW)		
Credit X	Integrated Process (New)	<ul style="list-style-type: none"> Encouraging maximization of opportunities for the integrated, cost-effective adoption of green design and construction strategies.
Credit X	LEED Accredited Professional	<ul style="list-style-type: none"> Moved from Innovation in Design Category LEED AP must have relevant specialty area accreditation
LOCATION AND TRANSPORTATION (NEW)		
Credit 1	LEED Certified Design and Construction	<ul style="list-style-type: none"> Copyedit changes only
Credit 2	Alternative Commuting Transportation	<ul style="list-style-type: none"> Copyedit changes Removed reward for parking spaces for alternative fueled vehicles
SUSTAINABLE SITES		
Credit 1	LEED Certified Design and Construction	<ul style="list-style-type: none"> Moved to Location and Transportation Category
Credit 2	Building Exterior and Hardscape Management Plan	<ul style="list-style-type: none"> Renamed “Fundamental Green Site Management” Added required site management plan elements and new requirement for performance criteria
Credit 3	Integrated Pest Management, Erosion Control, and Landscape Management Plan	<ul style="list-style-type: none"> Renamed “Advanced Green Site Management - Site Assessment and Improvement Plan” Updated and expanded to include a more comprehensive list of operational elements
Credit 4	Alternative Commuting Transportation	<ul style="list-style-type: none"> Moved to Location and Transportation Category
Credit 5	Site Development - Protect or Restore Habitat	<ul style="list-style-type: none"> Added an option for offsite conservation Strengthened by prioritizing preservation over restoration and replacing setback requirements with minimum preservation standards
Credit 6	Stormwater Design - Quantity Control	<ul style="list-style-type: none"> Renamed “Rainwater Management” Strengthened by replacing volume reduction targets with site-specific criteria that focuses on most frequent, low-intensity events. Updated with LID best practices
Credit 7.1	Heat Island Effect - Nonroof	<ul style="list-style-type: none"> Combined with Heat Island Effect – Roof and renamed “Heat Island Reduction” Projects are expected to address both areas to achieve points
Credit 7.2	Heat Island Effect - Roof	<ul style="list-style-type: none"> See SS Credit 7.1
Credit 8	Light Pollution Reduction	<ul style="list-style-type: none"> Simplified credit requirements and added prescriptive path that does not require calculation Updated referenced standard. Additional path for following Model Lighting Ordinance requirements
WATER EFFICIENCY		
Prereq 1	Minimum Indoor Plumbing Fixture and Fitting Efficiency	<ul style="list-style-type: none"> Credit renamed “Minimum Fixture and Fitting Water Use Reduction” 120% and 160% calculation cushions have been modified to 100% and 120%, respectively

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Prereq X	Landscape Water Use Reduction (New)	<ul style="list-style-type: none"> Former credit has been revised to be a prerequisite and use the EPA WaterSense Water Budget Tool Requires a 20% reduction from the calculated baseline
Prereq X	Appliance, Device, and Process Water Use Reduction (New)	<ul style="list-style-type: none"> Adapted from the LEED for School Process Water Credit Sets a baseline usage rate for process water and appliances such as clothes washers, dishwashers etc.
Credit 1.1	Water Performance Measurement – Whole Building Metering	<ul style="list-style-type: none"> Moved to Performance Category Copyedit changes only
Credit 1.2	Water Performance Measurement – Sub-metering	<ul style="list-style-type: none"> Moved to Performance Category Copyedit changes only
Credit 2	Additional Indoor Plumbing Fixture and Fitting Efficiency	<ul style="list-style-type: none"> Credit renamed “Additional Fixture and Fitting Water Use Reduction” Prescriptive path added
Credit 3	Water Efficient Landscaping	<ul style="list-style-type: none"> Renamed “Additional Landscape Water Use Reduction” Grants points for reduction beyond the Water Budget Tool 30% reduction from baseline (i.e., 10% beyond the Landscape Water Allowance (LWA) baseline) Alignment with BD&C Rating System
Credit 4	Cooling Tower Water Management	<ul style="list-style-type: none"> Renamed “Cooling Tower Makeup Water” Seeks to achieve a balance between water usage reduction and mineral content levels Recycled storm, ground or gray water may be used
Credit X	Appliance, Device, and Process Water Use Reduction (New)	<ul style="list-style-type: none"> Adapted from LEED for Schools. Gives prescriptive metrics for each process water type
ENERGY & ATMOSPHERE		
Prereq 1	Energy Efficiency Best Management Practices - Planning, Documentation, and Opportunity Assessment	<ul style="list-style-type: none"> Additional percent improvement path for existing buildings Meter requirement moved to new prerequisite
Prereq 2	Minimum Energy Efficiency Performance	<ul style="list-style-type: none"> Expanded for existing buildings to include minimum operations and maintenance plan aspects
Prereq 3	Fundamental Refrigerant Management	<ul style="list-style-type: none"> Prerequisite deleted
Credit 1	Optimize Energy Efficiency Performance	<ul style="list-style-type: none"> Additional percent improvement path for existing buildings
Credit 2.1	Existing Building Commissioning - Investigation and Analysis	<ul style="list-style-type: none"> Moved to Performance Category Modified to track closely with the Current Facilities Requirements and Building O&M Plan and reward projects including their entire building, in addition to energy systems, in ongoing commissioning.
Credit 2.2	Existing Building Commissioning -	<ul style="list-style-type: none"> Moved to Performance Category Modified to track closely with the Current Facilities Requirements and

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	Implementation	Building O&M Plan and reward projects including their entire building, in addition to energy systems, in ongoing commissioning.
Credit 2.3	Existing Building Commissioning - Ongoing Commissioning	<ul style="list-style-type: none"> • Moved to Performance Category • Modified to track closely with the Current Facilities Requirements and Building O&M Plan and reward projects including their entire building, in addition to energy systems, in ongoing commissioning.
Credit 3.1	Performance Measurement - Building Automation System	<ul style="list-style-type: none"> • Moved to Performance Category • Credit for existing buildings that requires permanent building-level meters with monthly reporting capabilities.
Credit 3.2	Performance Measurement - System-Level Metering	<ul style="list-style-type: none"> • Moved to Performance Category • Credit for existing buildings that requires permanent system-level meters with monthly reporting capabilities.
Credit 4	On-site and Off-site Renewable Energy	<ul style="list-style-type: none"> • Aligned thresholds with D&C EAc2 and EAc6
Credit 5	Enhanced Refrigerant Management	<ul style="list-style-type: none"> • Updated to reward all projects who use more appropriate refrigerants. • Fundamental Refrigerant Management has been deleted to remove overlap with federal law
Credit 6	Emissions Reduction Reporting	<ul style="list-style-type: none"> • Credit deleted
Credit X	Demand Response (New)	<ul style="list-style-type: none"> • Credit encourages projects to enhance the optimization of electric generation and to reduce carbon emissions
MATERIALS & RESOURCES		
Prereq 1	Sustainable Purchasing Policy	<ul style="list-style-type: none"> • Copyedit changes only
Prereq 2	Solid Waste Management Policy	<ul style="list-style-type: none"> • Copyedit changes only
Credit 1	Sustainable Purchasing - Ongoing Consumables	<ul style="list-style-type: none"> • Copyedit changes and updates to referenced purchases
Credit 2	Sustainable Purchasing - Durable Goods	<ul style="list-style-type: none"> • Copyedit changes and updates to referenced purchases
Credit 3	Sustainable Purchasing - Facility Alterations and Additions	<ul style="list-style-type: none"> • Copyedit changes only
Credit 4	Sustainable Purchasing - Reduced Mercury in Lamps	<ul style="list-style-type: none"> • Copyedit changes only
Credit 5	Sustainable Purchasing - Food	<ul style="list-style-type: none"> • Copyedit changes • Hospitality adaptation
Credit 6	Solid Waste Management - Waste Stream Audit	<ul style="list-style-type: none"> • Copyedit changes only
Credit 7	Solid Waste Management - Ongoing Consumables	<ul style="list-style-type: none"> • Copyedit changes only

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Credit 8	Solid Waste Management - Durable Goods	<ul style="list-style-type: none"> • Copyedit changes only
Credit 9	Solid Waste Management - Facility Alterations and Additions	<ul style="list-style-type: none"> • Copyedit changes only
INDOOR ENVIRONMENTAL QUALITY		
Prereq 1	Minimum Indoor Air Quality Performance	<ul style="list-style-type: none"> • Updated to ASHRAE 62.1- 2010 • Cases for Naturally/Mechanically Ventilated Spaces removed
Prereq 2	Environmental Tobacco Smoke (ETS) Control	<ul style="list-style-type: none"> • Option 2 removed for all projects • Compartmentalization requirement for residential spaces within projects
Prereq 3	Green Cleaning Policy	<ul style="list-style-type: none"> • Additional areas of consideration for policy
Credit 1.1	Indoor Air Quality Best Management Practices - Indoor Air Quality Management Program	<ul style="list-style-type: none"> • Copyedit changes only
Credit 1.2	Indoor Air Quality Best Management Practices - Outdoor Air Delivery Monitoring	<ul style="list-style-type: none"> • Copyedit changes only
Credit 1.3	Indoor Air Quality Best Management Practices - Increased Ventilation	<ul style="list-style-type: none"> • Deleted
Credit 1.4	Indoor Air Quality Best Management Practices - Reduce Particulates in Air Distribution	<ul style="list-style-type: none"> • Copyedit changes only
Credit 1.5	Indoor Air Quality Best Management Practices - Indoor Air Quality Management for Facility Alterations and Additions	<ul style="list-style-type: none"> • Copyedit changes only
Credit 2.1	Occupant Comfort - Occupant Survey	<ul style="list-style-type: none"> • Moved to Performance Category (as prerequisite) • Combined with requirements of Occupant Comfort – Thermal Comfort Monitoring
Credit 2.2	Controllability of Systems - Lighting	<ul style="list-style-type: none"> • See Credit 4.1 description
Credit 2.3	Occupant Comfort -Thermal Comfort Monitoring	<ul style="list-style-type: none"> • Updated to stringency of credit

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Credit 2.4	Daylight and Views	<ul style="list-style-type: none"> • Credit renamed “Daylight” • Requirements expanded and stringency increased
Credit 3.1	Green Cleaning - High-Performance Cleaning Program	<ul style="list-style-type: none"> • Increased scope and stringency of credit
Credit 3.2	Green Cleaning - Custodial Effectiveness Assessment	<ul style="list-style-type: none"> • Increased scope and stringency of credit
Credit 3.3	Green Cleaning - Purchase of Sustainable Cleaning Products and Materials	<ul style="list-style-type: none"> • Increased scope and stringency of credit
Credit 3.4	Green Cleaning - Sustainable Cleaning Equipment	<ul style="list-style-type: none"> • Increased scope and stringency of credit
Credit 3.5	Green Cleaning - Indoor Chemical and Pollutant Source Control	<ul style="list-style-type: none"> • Increased scope and stringency of credit
Credit X	Zone Relative Humidity Control (New)	<ul style="list-style-type: none"> • Addresses humidity of project environment, based on LEED for Schools 2009 Mold Prevention Credit
Credit X	Office Ergonomics Strategy (New)	<ul style="list-style-type: none"> • Requirements for performance goals and education
PERFORMANCE (NEW)		
Prereq X	Building Level Energy Metering (New)	<ul style="list-style-type: none"> • Prerequisite requires all project types to monitor, track, and report energy consumption and demand in the project. This prerequisite requires project participation in the Building Performance Partnership or data reporting to USGBC.