LEED v5 FOR OPERATIONS AND MAINTENANCE (0+M)

LEED v5 is the latest version of the globally recognized comprehensive framework for green building practices. LEED v5 isn't just about today's buildings; it's about building a better future. It's a comprehensive framework designed to drive the market towards a near-zero carbon reality that is healthy, resilient, and promotes the wise, safe use of all resources.

GOAL OF LEED v5 0+M

Position every building on a path to improved performance while maintaining the pursuit of market transformation and leadership.

HOW WE GET THERE

- Define and certify high-performance green buildings.
- Achieve certification through measurable and transparent building performance.
- Establish a roadmap of actionable and transformational criteria and a plan for improvement over time.
- Focus on the care and stewardship of the building to help facility managers deliver a building that is resource efficient, supportive of staff, and a positive occupant experience.
- Reward existing buildings that start down the path toward decarbonization by creating strategic long-term plans and taking immediate steps.

EXISTING BUILDINGS

LEED v5 provides an important framework for existing buildings to enhance performance, minimize their environmental impact, and improve the well-being of occupants. By emphasizing operational efficiency, resource conservation, and continuous improvement, LEED v5 enables existing buildings to become more sustainable and contribute to a healthier built environment.

This rating system is designed for existing buildings that are already in operation. It focuses on optimizing building performance and minimizing environmental impact through ongoing operations and maintenance practices. Here's how it's relevant:

- **Performance and systems optimization** establishes the ability to monitor energy and water usage, waste diversion, and other metrics. It enables building owners and operators to pinpoint areas for improving efficiency and reducing the load on the electric grid and environmental impacts.
- **Decarbonization** for existing projects has been designed to help buildings make progress toward lower operational carbon emissions through three core strategies: increasing the carbon literacy of all project teams, rewarding projects that are already achieving benchmarks for low carbon emissions and energy use, and encouraging projects to make carefully considered plans to significantly reduce their emissions over time.





- **Quality of Life** strategies measure and reward improvements in air quality, occupant experience, emergency event planning, facility stewardship, worker safety, green cleaning, and pest management strategies. This allows project teams to assess and plan for healthier, more adaptable spaces that welcome and care for occupants more effectively.
- **Ecological Conservation and Restoration** in existing buildings encourage projects to prevent waste and avoid sending materials to landfills or incineration, which release pollutants into soil, water, and air.

NOTABLE ADDITIONS TO LEED v5 FOR 0+M

- A strong focus on decarbonization encourages existing buildings to reduce greenhouse gas emissions through energy efficiency, electrification, and the use of renewable energy. To help projects start down a decarbonization pathway, each project is provided with a carbon projection to 2050.
- Recognizing the importance of building resilience in the face of climate change, LEED v5 encourages strategies to prepare for and adapt to extreme weather events and other environmental challenges. Projects create plans for emergency preparedness, including business continuity during and after priority hazardous events.
- Strategies further support those who work in the building through assessing working conditions, developing a worker safety plan including welfare (breaks, protection during inclement weather, access to essential services), and providing safety training for all staff annually.





Integrat	ive Process, Planning and Assessments (IP)	2
IPp1	Climate Resilience Assessment	Required
IPp2	Human Impact Assessment	Required
IPp3	Operations Assessment and Policy	Required
IPp4	Current Facilities Requirements and 0+M Plan	Required
IPc1	Operational Planning for Resilience	1
IPc2	Worker Safety and Training	1



Locatio	on and Transportation (LT)	8
LTc1	Sustainable Transportation Performance	6
LTc2	Transportation Demand Management	1
LTc3	Electric Vehicles	1



Sustainal	ble Sites (SS)	2
SSc1	Heat Island Reduction	1
SSc2	Light Pollution and Bird Collision Reduction	1

୍	Water Efficiency (WE)		15	
	WEp1	Water Metering and Reporting	Required	
	WEc1	Water Efficiency Performance	14	
	WEc2	Advanced Water Metering	1	

$\langle \rangle$	Energy and Atmosphere (EA)		34
	EAp1 Carbon Projection from Energy Use		Required
	EAp2	Energy Monitoring and Reporting	Required
	EAp3	Minimum Energy Performance	Required
	EAp4	Fundamental Refrigerant Management	Required
	EAc1	Greenhouse Gas Emissions Reduction Performance	12
	EAc2	Optimized Energy Performance	12





EAc3	Enhanced Refrigerant Management Performance	2
EAc4	Peak Load Reduction Performance	1
EAc5	Decarbonization and Efficiency Plans	4
EAc6	Peak Load Management	1
EAc7	Commissioning	2

Materials and Resources (MR)		13
MRc1	Waste Reduction Performance	12
MRc2	Waste Reduction Strategies	1



Indoor	Environmental Quality (EQ)	26
EQp1	Verification of Ventilation and Filtration	Required
EQp2	No Smoking	Required
EQc1	Indoor Air Quality Performance	10
EQc2	Ventilation Performance	5
EQc3	Occupant Experience Performance	3
EQc4	Facility Stewardship Performance	3
EQc5	Air Filtration	1
EQc6	Resilient Spaces	1
EQc7	Green Cleaning	2
EQc8	Integrated Pest Management	1



Project Priorities (PR)		10
PRc1	Project Priorities	10

Total	Possible Points:	110





	DECARBONIZATION	
IP Prereq	Climate Resilience Assessment	Required
IP Prereq	Operations Assessment and Policy	Required
IP Prereq	Current Facilities Requirements and O+M Plan	Required
LT Credit	Sustainable Transportation Performance	6
LT Credit	Transportation Demand Management	1
LT Credit	Electric Vehicles	1
SS Credit	Heat Island Reduction	1
WE Credit	Water Efficiency Performance	14
WE Credit	Advanced Water Metering	1
EA Prereq	Carbon Projection from Energy Use	Required
EA Prereq	Energy Monitoring and Reporting	Required
EA Prereq	Minimum Energy Performance	Required
EA Prereq	Fundamental Refrigerant Management	Required
EA Credit	Greenhouse Gas Emissions Reduction Performance	12
EA Credit	Optimized Energy Performance	12
EA Credit	Enhanced Refrigerant Management Performance	2
EA Credit	Peak Load Reduction Performance	1
EA Credit	Decarbonization and Efficiency Plans	4
EA Credit	Peak Load Management	1
EA Credit	Commissioning	2
MR Credit	Waste Performance	12
MR Credit	Waste Reduction Strategies	1



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	QUALITY OF LIFE	
IP Prereq	Climate Resilience Assessment	Required
IP Prereq	Human Impact Assessment	Required
IP Prereq	Operations Assessment and Policy	Required
IP Credit	Operational Planning for Resilience	1
IP Credit	Worker Safety and Training	1
LT Credit	Sustainable Transportation Performance	6
LT Credit	Transportation Demand Management	1
LT Credit	Electric Vehicles	1
SS Credit	Heat Island Reduction	1
EQ Prereq	Verification of Ventilation and Filtration	Required
EQ Prereq	No Smoking	Required
EQ Credit	Indoor Air Quality Performance	10
EQ Credit	Ventilation Performance	5
EQ Credit	Occupant Experience Performance	3
EQ Credit	Facility Stewardship Performance	3
EQ Credit	Air Filtration	1
EQ Credit	Resilient Spaces	1
EQ Credit	Green Cleaning	2
EQ Credit	Integrated Pest Management	1





ECOLOGICAL CONSERVATION AND RESTORATION		
IP Prereq	Operations Assessment and Policy	Required
LT Credit	Sustainable Transportation Performance	6
LT Credit	Transportation Demand Management	1
LT Credit	Electric Vehicles	1
SS Credit	Heat Island Reduction	1
SS Credit	Light Pollution and Bird Collision Reduction	1
WE Prereq	Water Metering and Reporting	Required
WE Credit	Water Performance	14
WE Credit	Advanced Water Metering	1
MR Credit	Waste Reduction Performance	12
MR Credit	Waste Reduction Strategies	1
EQ Credit	Integrated Pest Management	1



