



# Energy Innovation Center

LEED 2009 for New Construction Checklist

## Legend

- High priority / time sensitive credit
- Credit documentation complete on LEED Online
- Design point
- Construction point



20	0	6	Sustainable Sites	Possible Points: 26
Y	?	N	d/C	
Y			Prereq 1 C Construction Activity Pollution Prevention	Req't
1			Credit 1 d Site Selection	1
5			Credit 2 d Development Density and Community Connectivity	5
1			Credit 3 d Brownfield Redevelopment	1
6			Credit 4.1 d Alternative Transportation—Public Transportation Access	6
1			Credit 4.2 d Alternative Transportation—Bicycle Storage and Changing Rooms	1
3			Credit 4.3 d Alternative Transportation—Low-Emitting and Fuel-Efficient Vehicles	3
2			Credit 4.4 d Alternative Transportation—Parking Capacity	2
	1		Credit 5.1 C Site Development—Protect or Restore Habitat	1 -
	1		Credit 5.2 d Site Development—Maximize Open Space	1 -
	1		Credit 6.1 d Stormwater Design—Quantity Control	1 -
	1		Credit 6.2 d Stormwater Design—Quality Control	1 -
	1		Credit 7.1 C Heat Island Effect—Non-roof	1 -
1			Credit 7.2 d Heat Island Effect—Roof	1
	1		Credit 8 d Light Pollution Reduction	1 -

4	0	6	Water Efficiency	Possible Points: 10
Y	?	N	d/C	
Y			Prereq 1 d Water Use Reduction—20% Reduction	Req't
2		2	Credit 1 d Water Efficient Landscaping	2 to 4
	2		Credit 2 d Innovative Wastewater Technologies	2 -
2		2	Credit 3 d Water Use Reduction	2 to 4

33	0	2	Energy and Atmosphere	Possible Points: 35
Y	?	N	d/C	
Y			Prereq 1 C Fundamental Commissioning of Building Energy Systems	Req't
Y			Prereq 2 d Minimum Energy Performance	Req't
Y			Prereq 3 d Fundamental Refrigerant Management	Req't
19			Credit 1 d Optimize Energy Performance	1 to 19
7			Credit 2 d On-Site Renewable Energy	1 to 7
2			Credit 3 C Enhanced Commissioning	2
	2		Credit 4 d Enhanced Refrigerant Management	2 -
3			Credit 5 C Measurement and Verification	3 MBO
2			Credit 6 C Green Power	2 GF

7	0	7	Materials and Resources	Possible Points: 14
Y	?	N	d/C	
Y			Prereq 1 d Storage and Collection of Recyclables	Req't
2		1	Credit 1.1 C Building Reuse—Maintain Existing Walls, Floors, and Roof	1 to 3 J&J
	1		Credit 1.2 C Building Reuse—Maintain 50% of Interior Non-Structural Elements	1 -
2			Credit 2 C Construction Waste Management	1 to 2 J&J
	2		Credit 3 C Materials Reuse	1 to 2 -

Materials and Resources, continued				Possible Points:	14
1		1	Credit 4 C Recycled Content	1 to 2	J&J
1		1	Credit 5 C Regional Materials	1 to 2	J&J
		1	Credit 6 C Rapidly Renewable Materials	1	J&J
1			Credit 7 C Certified Wood	1	J&J

9	0	6	Indoor Environmental Quality	Possible Points: 15
Y	?	N	d/C	
Y			Prereq 1 d Minimum Indoor Air Quality Performance	Req't
Y			Prereq 2 d Environmental Tobacco Smoke (ETS) Control	Req't
		1	Credit 1 d Outdoor Air Delivery Monitoring	1 -
1			Credit 2 d Increased Ventilation	1
1			Credit 3.1 C Construction IAQ Management Plan—During Construction	1 J&J
		1	Credit 3.2 C Construction IAQ Management Plan—Before Occupancy	1 -
1			Credit 4.1 C Low-Emitting Materials—Adhesives and Sealants	1 J&J
1			Credit 4.2 C Low-Emitting Materials—Paints and Coatings	1 J&J
		1	Credit 4.3 C Low-Emitting Materials—Flooring Systems	1 GF
1			Credit 4.4 C Low-Emitting Materials—Composite Wood and Agrifiber Products	1 J&J
		1	Credit 5 d Indoor Chemical and Pollutant Source Control	1 -
1			Credit 6.1 d Controllability of Systems—Lighting	1
		1	Credit 6.2 d Controllability of Systems—Thermal Comfort	1 -
1			Credit 7.1 d Thermal Comfort—Design	1
1			Credit 7.2 d Thermal Comfort—Verification	1 GF
1			Credit 8.1 d Daylight and Views—Daylight	1
		1	Credit 8.2 d Daylight and Views—Views	1 -

6	0	0	Innovation and Design Process	Possible Points: 6
Y	?	N	d/C	
1			Credit 1.1 C Innovation in Design: LEED Education Program	1 GF
1			Credit 1.2 C Innovation in Design: Green Cleaning	1 SDGE
1			Credit 1.3 C Innovation in Design: Double Green Power	1 GF
1			Credit 1.4 d Innovation in Design: 50% Optimize Energy Performance	1
1			Credit 1.5 d Innovation in Design: >15% Onsite Renewable Energy	1
1			Credit 2 d LEED Accredited Professional	1

3	0	1	Regional Priority Credits for 92123	Possible Points: 4
Y	?	N	d/C	
1			Credit 1.1 d Regional Priority: EAc2 (1%)	1
1			Credit 1.2 C Regional Priority: MRc1.1	1
		1	Credit 1.3 d Regional Priority: WEc2 OR WEc3 (40%)	1 -
1			Credit 1.4 C Regional Priority: EQc8 or SSC5.2	1

82	0	28	Total	Possible Points: 110
Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110				



## SDG&E Energy Innovation Center

LEED 2009 for Existing Buildings: Operations & Maintenance



**GREEN FIELDS**  
sustainable design & construction consulting

18	0	8	Sustainable Sites		Possible Points: 26
Y	?	N			
4			Credit 1	LEED Certified Design and Construction	
1			Credit 2	Building Exterior and Hardscape Management Plan	
		1	Credit 3	Integrated Pest Management, Erosion Control, and Landscape Management	
11		4	Credit 4	Alternative Commuting Transportation	
		1	Credit 5	Site Development—Protect or Restore Open Habitat	
		1	Credit 6	Stormwater Quantity Control	
		1	Credit 7.1	Heat Island Reduction—Non-Roof	
1			Credit 7.2	Heat Island Reduction—Roof	
1			Credit 8	Light Pollution Reduction	

8	0	6	Water Efficiency		Possible Points: 14
Y	?	N			
Y			Prereq 1	Minimum Indoor Plumbing Fixture and Fitting Efficiency	
2			Credit 1	Water Performance Measurement	
5			Credit 2	Additional Indoor Plumbing Fixture and Fitting Efficiency	
		5	Credit 3	Water Efficient Landscaping	
1		1	Credit 4	Cooling Tower Water Management	

28	0	7	Energy and Atmosphere		Possible Points: 35
Y	?	N			
Y			Prereq 1	Energy Efficiency Best Management Practices	
Y			Prereq 2	Minimum Energy Efficiency Performance	
Y			Prereq 3	Fundamental Refrigerant Management	
12		6	Credit 1	Optimize Energy Efficiency Performance	
2			Credit 2.1	Existing Building Commissioning—Investigation and Analysis	
2			Credit 2.2	Existing Building Commissioning—Implementation	
2			Credit 2.3	Existing Building Commissioning—Ongoing Commissioning	
1			Credit 3.1	Performance Measurement—Building Automation System	
2			Credit 3.2	Performance Measurement—System-Level Metering	
6			Credit 4	On-site and Off-site Renewable Energy	
		1	Credit 5	Enhanced Refrigerant Management	
1			Credit 6	Emissions Reduction Reporting	

7	0	3	Materials and Resources		Possible Points: 10
Y	?	N			
Y			Prereq 1	Sustainable Purchasing Policy	
Y			Prereq 2	Solid Waste Management Policy	
1			Credit 1	Sustainable Purchasing—Ongoing Consumables	
1			Credit 2	Sustainable Purchasing—Electric Goods	
1			Credit 2	Sustainable Purchasing—Furniture Goods	
		1	Credit 3	Sustainable Purchasing—Facility Alterations and Additions	
1			Credit 4	Sustainable Purchasing—Reduced Mercury in Lamps	
		1	Credit 5	Sustainable Purchasing—Food	

Materials and Resources continued					
Y	?	N			
1			Credit 6	Solid Waste Management—Waste Stream Audit	
1			Credit 7	Solid Waste Management—Ongoing Consumables	
1			Credit 8	Solid Waste Management—Durable Goods	
		1	Credit 9	Solid Waste Management—Facility Alterations and Additions	

11	0	4	Indoor Environmental Quality		Possible Points: 15
Y	?	N			
Y			Prereq 1	Minimum IAQ Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
Y			Prereq 3	Green Cleaning Policy	
1			Credit 1.1	IAQ BMPs—Indoor Air Quality Management Program	
		1	Credit 1.2	IAQ BMPs—Outdoor Air Delivery Monitoring	
		1	Credit 1.3	IAQ BMPs—Increased Ventilation	
		1	Credit 1.4	IAQ BMPs—Reduce Particulates in Air Distribution	
		1	Credit 1.5	IAQ BMPs—Facility Alterations and Additions	
1			Credit 2.1	Occupant Comfort—Occupant Survey	
1			Credit 2.2	Controllability of Systems—Lighting	
1			Credit 2.3	Occupant Comfort—Thermal Comfort Monitoring	
1			Credit 2.4	Daylight and Views	
1			Credit 3.1	Green Cleaning—High Performance Cleaning Program	
1			Credit 3.2	Green Cleaning—Custodial Effectiveness Assessment	
1			Credit 3.3	Green Cleaning—Purchase of Sustainable Cleaning Products and Materials	
1			Credit 3.4	Green Cleaning—Sustainable Cleaning Equipment	
1			Credit 3.5	Green Cleaning—Indoor Chemical and Pollutant Source Control	
1			Credit 3.6	Green Cleaning—Indoor Integrated Pest Management	

6	0	0	Innovation in Operations		Possible Points: 0
Y	?	N			
1			Credit 1.1	Innovation in Operations: Education Program	
1			Credit 1.2	Innovation in Operations: 13.5% Onsite Renewables (EAc4)	
1			Credit 1.3	Innovation in Operations: 95%+ Ongoing Consumables (MRc1)	
1			Credit 1.4	Innovation in Operations: 35%+ Water Savings (WEc2)	
1			Credit 2	LEED Accredited Professional	
1			Credit 3	Documenting Sustainable Building Cost Impacts	

4	0	0	Regional Priority Credits		Possible Points: 0
Y	?	N			
1			Credit 1.1	Regional Priority: EAc1 - 85 rating OR 35% for Case 2 OR MRc7	
1			Credit 1.2	Regional Priority: EAc4 7.5%/62.5%	
1			Credit 1.3	Regional Priority: IEQc2.4	
1			Credit 1.4	Regional Priority: SSc4 50% reduction OR WEc2 30% reduction	
Y	?	N			
82	0	28	Final Point Totals		Possible Points: 110

Certified 40 to 49 points Silver 50 to 59 points Gold 60 to 79 points Platinum 80 to 110