

Intial DRAFT LEED BD&C v 2009 Checklist Summary 12/4/2012



Hollywood Casino: Springfield, MA



PENN NATIONAL GAMING, INC.

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Turner Green Buildings

Gold	Anticipated	Maybe	No				
22	4	0		SUSTAINABLE SITES			26 Points
Y				Prereq 1	Construction Activity Pollution Prevention	Required	
1				Credit 1	Site Selection	1	
5				Credit 2	Development Density and Community Connectivity	5	
	1			Credit 3 RPC	Brownfield Redevelopment	1	
6				Credit 4.1	Alternative Transportation - Public Transportation Access	6	
1				Credit 4.2	Alternative Transportation - Bicycle Storage and Changing Rooms	1	
3				Credit 4.3	Alternative Transportation - Low-Emitting and Fuel-Efficient Vehicles	3	
2				Credit 4.4	Alternative Transportation - Parking Capacity	2	
	1			Credit 5.1	Site Development - Protect or Restore Habitat	1	
	1			Credit 5.2	Site Development - Maximize Open Space	1	
1				Credit 6.1 RPC	Stormwater Design - Quantity Control	1	
1				Credit 6.2	Stormwater Design - Quality Control	1	
1				Credit 7.1 RPC	Heat Island Effect - Nonroof	1	
1				Credit 7.2 RPC	Heat Island Effect - Roof	1	
	1			Credit 8	Light Pollution Reduction	1	
4	6	0		WATER EFFICIENCY			10 Points
Y				Prereq 1	Water Use Reduction	Required	
2				Credit 1	Water Efficient Landscaping	2 to 4	
	2				2 Reduce by 50%	2	
	2				2 No Potable Water Use or Irrigation	4	
	2			Credit 2	Innovative Wastewater Technologies	2	
2				Credit 3	Water Use Reduction	2 to 4	
	1				2 Reduce by 30%	2	
	1				1 Reduce by 35%	3	
	1				1 Reduce by 40%	4	
13	22	0		ENERGY & ATMOSPHERE			35 Points
Y				Prereq 1	Fundamental Commissioning of Building Energy Systems	Required	
Y				Prereq 2	Minimum Energy Performance	Required	
Y				Prereq 3	Fundamental Refrigerant Management	Required	
1				Credit 1	Optimize Energy Performance	1 to 19	
1					1 Improve by 12% for New Buildings or 8% for Existing Buildings	1	
1					1 Improve by 14% for New Buildings or 10% for Existing Buildings	2	
1					1 Improve by 16% for New Buildings or 12% for Existing Buildings	3	
1					1 Improve by 18% for New Buildings or 14% for Existing Buildings	4	
1					1 Improve by 20% for New Buildings or 16% for Existing Buildings	5	
	1				1 Improve by 22% for New Buildings or 18% for Existing Buildings	6	
	1				1 Improve by 24% for New Buildings or 20% for Existing Buildings	7	
	1				1 Improve by 26% for New Buildings or 22% for Existing Buildings	8	
	1				1 Improve by 28% for New Buildings or 24% for Existing Buildings	9	
	1				1 Improve by 30% for New Buildings or 26% for Existing Buildings	10	
	1				1 Improve by 32% for New Buildings or 28% for Existing Buildings	11	
	1				1 Improve by 34% for New Buildings or 30% for Existing Buildings	12	
	1				1 Improve by 36% for New Buildings or 32% for Existing Buildings	13	
	1				1 Improve by 38% for New Buildings or 34% for Existing Buildings	14	
	1				1 Improve by 40% for New Buildings or 36% for Existing Buildings	15	
	1				1 Improve by 42% for New Buildings or 38% for Existing Buildings	16	
	1				1 Improve by 44% for New Buildings or 40% for Existing Buildings	17	
	1				1 Improve by 46% for New Buildings or 42% for Existing Buildings	18	
	1				1 Improve by 48%+ for New Buildings or 44%+ for Existing Buildings	19	
1				Credit 2 RPC	On-Site Renewable Energy	1 to 7	
	1				1 1% Renewable Energy	1	
	1				1 3% Renewable Energy	2	
	1				1 5% Renewable Energy	3	
	1				1 7% Renewable Energy	4	
	1				1 9% Renewable Energy	5	
	1				1 11% Renewable Energy	6	

2	1			Credit 3	Enhanced Commissioning	1	13% Renewable Energy	7
2				Credit 4	Enhanced Refrigerant Management			2
3				Credit 5	Measurement and Verification			3
	2			Credit 6	Green Power			2
5	6	4		MATERIALS & RESOURCES			14 Points	
Y				Prereq 1	Storage and Collection of Recyclables	Required		
			3	Credit 1.1 RPC	Building Reuse - Maintain Existing Walls, Floors and Roof	1 to 3		
			1		1 Reuse 55%	1		
			1		1 Reuse 75%	2		
			1		1 Reuse 95%	3		
2			1	Credit 1.2	Building Reuse - Maintain Interior Nonstructural Elements	1		
				Credit 2	Construction Waste Management	1 to 2		
			1		1 50% Recycled or Salvaged	1		
	2			Credit 3	Materials Reuse	1 to 2		
			1		1 75% Recycled or Salvaged	2		
			1	Credit 4	Recycled Content	1 to 2		
			1		1 Reuse 5%	1		
			1		1 Reuse 10%	2		
1			1	Credit 5	Regional Materials	1 to 2		
			1		1 10% of Content	1		
			1		1 20% of Content	2		
1			1	Credit 6	Rapidly Renewable Materials	1		
			1		1 10% of Materials	1		
1	1		1	Credit 7	Certified Wood	1		
			1		1 20% of Materials	2		
11	4	0		INDOOR ENVIRONMENTAL QUALITY			15 Points	
Y				Prereq 1	Minimum Indoor Air Quality Performance	Required		
Y				Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required		
1				Credit 1	Outdoor Air Delivery Monitoring	1		
1				Credit 2	Increased Ventilation	1		
1				Credit 3.1	Construction Indoor Air Quality Management Plan - During Construction	1		
1				Credit 3.2	Construction Indoor Air Quality Management Plan - Before Occupancy	1		
1				Credit 4.1	Low-Emitting Materials - Adhesives and Sealants	1		
1				Credit 4.2	Low-Emitting Materials - Paints and Coatings	1		
1				Credit 4.3	Low-Emitting Materials - Flooring Systems	1		
1				Credit 4.4	Low-Emitting Materials - Composite Wood and Agrifiber Products	1		
1				Credit 5	Indoor Chemical and Pollutant Source Control	1		
1				Credit 6.1	Controllability of Systems - Lighting	1		
1				Credit 6.2	Controllability of Systems - Thermal Comfort	1		
1				Credit 7.1	Thermal Comfort - Design	1		
1				Credit 7.2	Thermal Comfort - Verification	1		
			1	Credit 8.1	Daylight and Views - Daylight	1		
			1	Credit 8.2	Daylight and Views - Views	1		
5	0	0		INNOVATION IN DESIGN (Potential ID Credits)			6 Points	
1				Credit 1	Innovation in Design	Note: Potential Innovation in Design credits	1 to 5	
1					Construction Waste Management	1 Exemplary Performance	1	
1					Education Program	1 Innovation	1	
1					Green Housekeeping	1 Innovation	1	
1					Operational Waste Management Program	1 Innovation	1	
1				Credit 2	LEED® Accredited Professional		1	
4		0		REGIONAL PRIORITY (Springfield, MA Project Site zip code 01103)			4 Points	
1				Credit 1	Regional Priority (only 4 credits can be allowed of the 6 total available)	Available	1 to 4	
			1	EAC2 (1%)	On Site Renewable Energy (1 %)	1 Regionally Defined Credit Achieved	1	
			1	MRC1.1 (75%)	Building Re-Use (75%)	1 Regionally Defined Credit Achieved	1	
			1	SSc3	Brownfield Redevelopment	1 Regionally Defined Credit Achieved	1	
			1	SSc6.1	Stormwater Design - Quantity Control	1 Regionally Defined Credit Achieved	1	
			1	SSc7.1	Heat Island Effect - Non-Roof	1 Regionally Defined Credit Achieved	1	
			1	SSc7.2	Heat Island Effect - Roof	1 Regionally Defined Credit Achieved	1	
64	42	4		PROJECT TOTALS (Certification Estimates)			110 Points	
Gold Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points								