



Belleayre Mountain Ski Center UMP-DEIS

Appendix O
Discovery Lodge LEED Checklist

February, 2008

Prepared for:

New York State Department of Environmental Conservation
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LEED-NC Version 2.2 Registered Project Checklist

Belleayre Mountain

Updated February 14, 2008

Yes ? No

9 2 3 Sustainable Sites 14 Points

Y			Prereq 1	Construction Activity Pollution Prevention	Required
1			Credit 1	Site Selection	1
		1	Credit 2	Development Density & Community Connectivity	1
		1	Credit 3	Brownfield Redevelopment	1
1			Credit 4.1	Alternative Transportation, Public Transportation Access	1
1			Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1
1			Credit 4.3	Alternative Transportation, Low Emitting & Fuel Efficient Vehicles	1
1			Credit 4.4	Alternative Transportation, Parking Capacity	1
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	Stormwater Design, Quantity Control	1
1			Credit 6.2	Stormwater Design, Quality Control	1
	1		Credit 7.1	Heat Islands Effect, Non-Roof	1
	1		Credit 7.2	Heat Island Effect, Roof	1
1			Credit 8	Light Pollution Reduction	1

Yes ? No

5 0 0 Water Efficiency 5 Points

1			Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1
1			Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1
1			Credit 2	Innovative Wastewater Technologies	1
1			Credit 3.1	Water Use Reduction, 20% Reduction	1
1			Credit 3.2	Water Use Reduction, 30% Reduction	1

Yes ? No

10 3 0 Energy & Atmosphere 17 Points

Y			Prereq 1	Fundamental Commissioning of the Building Energy Systems	Required
Y			Prereq 2	Minimum Energy Performance	Required
Y			Prereq 3	Fundamental Refrigerant Management	Required
			Credit 1	Optimize Energy Performance	1 to 10
1				3.5% Existing Buildings	
1				7% Existing Buildings	
1				10.5% Existing Buildings	
1				14% Existing Buildings	
1				17.5% Existing Buildings	
1				21% Existing Buildings	
1				24.5% Existing Buildings	
1				28% Existing Buildings	
	1			31.5% Existing Buildings	
	1			35% Existing Buildings	
			Credit 2	On-Site Renewable Energy	1 to 3
	1			2.5% Renewable Energy	
		1		7.5% Renewable Energy	
		1		12.5% Renewable Energy	
		1	Credit 3	Enhanced Commissioning	1
1			Credit 4	Enhanced Refrigerant Management	1

		1
1		

Credit 5 **Measurement & Verification**
 Credit 6 **Green Power**

1
1

continued...

Yes ? No

5	2	6
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Materials & Resources

13 Points

Y		
		1
		1
		1
1		
1		
		1
		1
1		
	1	
1		
	1	
		1
1		

Prereq 1 **Storage & Collection of Recyclables** Required
 Credit 1.1 **Building Reuse**, Maintain 75% of Existing Walls, Floors & Roof 1
 Credit 1.2 **Building Reuse**, Maintain 95% of Existing Walls, Floors & Roof 1
 Credit 1.3 **Building Reuse**, Maintain 50% of Interior Non-Structural Elements 1
 Credit 2.1 **Construction Waste Management**, Divert 50% from Disposal 1
 Credit 2.2 **Construction Waste Management**, Divert 75% from Disposal 1
 Credit 3.1 **Materials Reuse**, 5% 1
 Credit 3.2 **Materials Reuse**, 10% 1
 Credit 4.1 **Recycled Content**, 10% (post-consumer + 1/2 pre-consumer) 1
 Credit 4.2 **Recycled Content**, 20% (post-consumer + 1/2 pre-consumer) 1
 Credit 5.1 **Regional Materials**, 10% Extracted, Processed & Manufactured Regionally 1
 Credit 5.2 **Regional Materials**, 20% Extracted, Processed & Manufactured Regionally 1
 Credit 6 **Rapidly Renewable Materials** 1
 Credit 7 **Certified Wood** 1

Yes ? No

13	2	
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Indoor Environmental Quality

15 Points

Y		
Y		
1		
	1	
1		
1		
1		
1		
1		
1		
1		
1		
1		
1		
	1	
1		
1		
1		

Prereq 1 **Minimum IAQ Performance** Required
 Prereq 2 **Environmental Tobacco Smoke (ETS) Control** Required
 Credit 1 **Outdoor Air Delivery Monitoring** 1
 Credit 2 **Increased Ventilation** 1
 Credit 3.1 **Construction IAQ Management Plan**, During Construction 1
 Credit 3.2 **Construction IAQ Management Plan**, Before Occupancy 1
 Credit 4.1 **Low-Emitting Materials**, Adhesives & Sealants 1
 Credit 4.2 **Low-Emitting Materials**, Paints & Coatings 1
 Credit 4.3 **Low-Emitting Materials**, Carpet Systems 1
 Credit 4.4 **Low-Emitting Materials**, Composite Wood & Agrifiber Products 1
 Credit 5 **Indoor Chemical & Pollutant Source Control** 1
 Credit 6.1 **Controllability of Systems**, Lighting 1
 Credit 6.2 **Controllability of Systems**, Thermal Comfort 1
 Credit 7.1 **Thermal Comfort**, Design 1
 Credit 7.2 **Thermal Comfort**, Verification 1
 Credit 8.1 **Daylight & Views**, Daylight 75% of Spaces 1
 Credit 8.2 **Daylight & Views**, Views for 90% of Spaces 1

Yes ? No

3	2	
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Innovation & Design Process

5 Points

1		
1		
	1	
	1	
1		

Credit 1.1 **Innovation in Design**: Kids Camps, Educational Website, Interpretive Trails 1
 Credit 1.2 **Innovation in Design**: Free-Cooling Freezers & Refrigerators 1
 Credit 1.3 **Innovation in Design**: 1
 Credit 1.4 **Innovation in Design** 1
 Credit 2 **LEED™ Accredited Professional** 1

Yes ? No

45	11	9
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Project Totals (pre-certification estimates)

69 Points

Certified 26-32 points Silver 33-38 points Gold 39-51 points Platinum 52-69 points