Aspen Skiing Company 2000 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-SM	$180,342.00	145,240			1,452
	Fuel-AH	$41,902.00	38,879			389
	Fuel-AM	$89,708.00	122,166			1,222
	Fuel-BM	$119,669.00	85,669			857
					0.01	
Sub-Total		**$431,621.00**	391,954	**Gallons**	**TONS of CO2 per Gallon**	**3,920**
Snowmaking						
	Water-AM	$118,911.00	13,310,000			8
	Water-AH	$9,297.00	18,593,000			
	Water-BM	$0.00	39,498,420			
	Water-SM	$29,825.00	59,650,800		**0.0000006308**	
Sub-Total		**$158,033.00**	**131,052,220**	**Gallons**	**TONS of CO2 per Gallon**	**8**
Electricity						
	Electric-ASC: Holy Cross	$1,274,032.00	17,331,997			16,292
	Electric-AM&AI	$64,805.00	1,090,738		**1.259**	1,025
	Electric-TLN: Holy Cross	$202,647.00	4,373,079		**lbs CO2/kWh City of Aspen**	4,111
	Electric-City of Aspen	$13,120.88	174,943		**1.88**	110
Sub-Total		**$1,554,604.88**	22,970,757	**KWH**	**lbs CO2/kWh: Holy Cross**	**21,538**
					-1.88	
Wind Power		**N/A**	**N/A**	**kWh**	**LBS of CO2 KWH**	**N/A**
Municipal H20						
	Water: ASC	$49,455.00	24,727,500			16
	Water-TLN	$2,487.00	23,323,000			15
	Water-SMC/SM Mtn.	$47,023.00	23,511,500			15
	Water-AM&AI	$104.00	7,675,000		**0.0000006308**	5
Sub-Total		**$99,069.00**	**79,237,000**	**Gallons**	**TONS of CO2 per Gallon**	**50**
Natural Gas						
	NAT. GAS-ASC	$118,388.00	16,465.00			971
	NAT. GAS-TLN	$65,991.00	9,178.00			542
	NAT. GAS-OTHER	$338,776.00	47,118.00		**0.059**	2,780
Sub-Total		**$523,155.00**	**72,761.00**	**MMBTU**	**TONS of CO2 per 1 Mill. BTU**	**4,293**
Propane		**$2,487.00**	**2,764.00**	**Gallons**	**0.00637**	18
Sub-Total		**$2,487.00**	**2,764.00**	**MMBTU**	**TONS Per Gallon**	**17.61**
TOTAL		**$2,768,969.88**				**29,827**
# of Skiers	**1,324,256**	**2.09**	**Per Skier**		**Tons CO2 per Skier**	**0.023**

Aspen Skiing Company 2001 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)						
	Fuel-SM	$201,221.00	180,432			1,804
	Fuel-AH	$51,868.68	36,361			364
	Fuel-AM	$102,356.00	74,592			746
	Fuel-BM	$116,980.00	75,138			751
					0.01	
Sub-Total		**$472,425.68**	366,523	**Gallons**	**TONS of CO2 per Gallon**	**3,665**
Snowmaking						
	Water-AM	$94,570.00	49,000,000			31
	Water-AH	$9,250.00	18,500,000			
	Water-BM		43,489,648			
	Water-SM	$22,500.00	45,000,000		**0.0000006308**	
Sub-Total		**$126,320.00**	**155,989,648**	**Gallons**	**TONS of CO2 per Gallon**	**31**
Electricity						
	Electric-ASC: Holy Cross	$1,205,628.00	16,507,354			15,517
					1.259	
	Electric-TLN: Holy Cross	$201,600.00	4,393,618		**lbs CO2/kWh City of Aspen**	4,130
	Electric-City of Aspen	$10,183.84	169,988		**1.88**	107
Sub-Total		**$1,417,411.84**	**21,070,960**	**KWH**	**lbs CO2/kWh: Holy Cross**	**19,754**
					-1.88	
Wind Power				**kWh**	**LBS of CO2 KWH**	
Municipal H20						
	Water: Asp. Muni	$48,787.00	23,393,500			15
	Water-TLN	$43,165.00	21,582,500			14
	Water-SMC/SM Mtn.	$47,023.00	23,511,500		**0.0000006308**	15
Sub-Total		**$138,975.00**	**68,487,500**	**Gallons**	**TONS of CO2 per Gallon**	**43**
Natural Gas						
	Nat. GAS-ALL ASC: AM GAS(KN GAS)	$481,441.00	73,056.30			4,310
	NAT. GAS-ALL ASC: KN GAS	$307,855.61	46,716.00			2,756
					0.059	
Sub-Total		**$789,296.61**	**119,772.30**	**MMBTU**	**TONS of CO2 per 1 Mill. BTU**	**7,067**
Propane		**$2,730.00**	**3,740.00**	**Gallons**	**0.00637**	24
Sub-Total		**$2,730.00**	**3,740.00**	**MMBTU**	**TONS Per Gallon**	**23.82**
TOTAL		**$2,947,159.13**				**30,584**
# of Skiers	**1,349,053**	**2.18**	**Per Skier**		**Tons CO2 per Skier**	**0.023**

Aspen Skiing Company 2002 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)						
	Fuel-SM	$194,538.30	145,048			1,450
	Fuel-AH	$45,043.15	34,508			345
	Fuel-AM	$70,844.77	54,524			545
	Fuel-BM	$99,157.65	69,010			690
					0.01	
Sub-Total		**$409,583.87**	303,090	**Gallons**	**TONS of CO2 per Gallon**	**3,031**
Snowmaking						
	Water-AM	$92,000	46,000,000			29
	Water-AH	$9,000	18,000,000			
	Water-BM		45,182,183			
	Water-SM	$32,000	64,000,000		**0.0000006308**	
Sub-Total		**$133,000**	**173,182,183**	**Gallons**	**TONS of CO2 per Gallon**	**29**
Electricity						
	Electric-ASC: Holy Cross	$1,279,927	17,724,746		**1.259**	16,661
	Electric-TLN: Holy Cross	$188,963	3,992,761		**lbs CO2/kWh City of Aspen**	3,753
	Electric-City of Aspen	$15,345	242,239		**1.88**	152
Sub-Total		**$1,484,235.05**	**21,959,746**	**KWH**	**lbs CO2/kWh: Holy Cross**	**20,567**
					-1.88	
Wind Power		**N/A**	**N/A**	**kWh**	**LBS of CO2 KWH**	**N/A**
Municipal H20						
	Water-ASC	$61,853	30,926,500			20
	Water-TLN	$19,157	9,562,000			6
	Water-SMC/SM Mtn.	$32,648	16,324,000		**0.0000006308**	10
Sub-Total		**$113,658**	**56,812,500**	**Gallons**	**TONS of CO2 per Gallon**	**36**
Natural Gas						
	Nat. GAS-ALL ASC: AM GAS(KN GAS)	$384,227	54,346			3,206
	NAT. GAS-ALL ASC: KN GAS	$278,820	39,605			2,337
					0.059	
Sub-Total		**$663,047**	**93,951**	**MMBTU**	**TONS of CO2 per 1 Mill. BTU**	**5,543**
Propane		**$11,921**	**12,517**	**Gallons**	**0.00637**	80
Sub-Total		**$11,921**	**12,517**	**MMBTU**	**TONS Per Gallon**	**79.73**
TOTAL		**$2,815,445**				**29,286**
# of Skiers	**1,268,704**	**$2.22**	**Per Skier**		**Tons CO2 per Skier**	**0.023**

Aspen Skiing Company 2003 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-SM	$204,874.00	124,166			1,242
	Fuel-AH	$85,275.00	51,682			517
	Fuel-AM	$140,021.00	84,861			849
	Fuel-BM	$145,032.00	87,961			880
					0.01	
Sub-Total		**$575,202.00**	**348,670**	**Gallons**	**TONS of CO2 per Gallon**	**3,487**
Snowmaking						
	Water-AM	$74,530	37,265,000			24
	Water-AH	$9,000	18,000,000			0
	Water-BM	$0	43,152,360			0
	Water-SM	$32,000	64,000,000		**0.0000006308**	0
Sub-Total		**$115,530**	**162,417,360**	**Gallons**	**TONS of CO2 per Gallon**	**24**
Electricity						
	Electric-ASC: Holy Cross	$1,204,290	16,319,632		**1.259**	15,340
	Electric-TLN: Holy Cross	$203,511	4,179,645		**lbs CO2/kWh City of Aspen**	3,929
	Electric-City of Aspen	$16,748	237,063		**1.88**	149
Sub-Total		**$1,424,549**	**20,736,340**	**KWH**	**lbs CO2/kWh: Holy Cross**	**19,419**
					-1.88	
Wind Power		**$15,592.50**	**856,800**	**kWh**	**LBS of CO2 KWH**	**-805**
Municipal H20						
	Water: Asp. Muni	$32,194	16,097,000			10
	Water-TLN	$19,157	9,578,500			6
	Water-SMC/SM Mtn.	$47,584	23,792,000		**0.0000006308**	15
Sub-Total		**$98,935**	**49,467,500**	**Gallons**	**TONS of CO2 per Gallon**	**31**
Natural Gas						
	Nat. Gas-ASC(KN GAS)	$180,217	21,202			1,251
	Nat. GAS-TLN	$401,464	47,231			2,787
	Nat Gas-SMC (AM GAS)	$124,654	14,665		**0.059**	865
Sub-Total		**$706,335**	**83,098**	**MMBTU**	**TONS of CO2 per 1 Mill. BTU**	**4,903**
Propane		**$9,556**	**15,098**	**Gallons**	**0.00637**	96
Sub-Total		**$9,556**	**15,098**	**MMBTU**	**TONS Per Gallon**	**96.17**
TOTAL		**$2,930,107**				**27,154**
# of Skiers	**1,313,304**	**$2.23**	**Per Skier**		**Tons CO2 per Skier**	**0.021**

Aspen Skiing Company 2004 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-SM	$287,845.25	164,483			1,645
	Fuel-AH	$83,079.50	47,474			475
	Fuel-AM	$130,499.25	74,571			746
	Fuel-BM	$154,740.25	88,423			884
Sub-Total		**$656,164.25**	**374,951**	**gallons**	**0.01 tons CO2/gal**	**3,750**
Snowmaking	Water-AM	$94,862.00	47,431,000			30
	Water-AH	$9,000.00	18,000,000			0
	Water-BM	$0.00	37,504,840			0
	Water-SM	$26,000.00	52,000,000			0
Sub-Total		**$129,862.00**	**154,935,840**	**gallons**	**.0000006308 tons CO2/gal**	**30**
Electricity	Electric-ASC: Holy Cross	$1,324,826.00	16,963,250			15,248
	Electric-TLN: Holy Cross	$206,666.00	3,995,785			3,648
	Electric-City of Aspen	$15,253.24	206,049		**1.259 lbs CO2/kWh City of Aspen**	130
	Electric-AABC: Holy Cross	$7,841.24	115,600			109
Sub-Total		**$1,554,586.48**	**21,280,684**	**kWh**	**1.88 lbs CO2/kWh: Holy Cross**	**19,134**
Wind Power		**$15,592.50**	**856,800**	**kWh**	**-1.88 lbs CO2/kwh**	**-805**
Municipal H20	Water: Asp. Muni	$49,564.00	24,782,000			16
	Water-TLN	$17,900.00	8,950,000			6
	SM Wat and San	$38,210.00	19,105,000			12
Sub-Total		**$105,674.00**	**52,837,000**	**gallons**	**.0000006308 tons CO2/gal**	**33**
Natural Gas	Nat. Gas-ASC (KN Gas)	$330,508.00	34,428			2,031
	Nat. Gas-Nell (AM Gas)	$319,823.00	33,315			1,966
Sub-Total		**$650,331.00**	**67,743**	**MMBTU**	**0.059 tons CO2/MMBTU**	**3,997**
Propane		**$7,978.00**	**4,585**	**Gallons**	**.00637 tons/gallon**	**29**
TOTAL		**$3,104,595.73**				**26,973**
# of Skiers	**1,323,633**	**$2.35**	**Per Skier**		**Tons CO2 per Skier**	**0.020**

Aspen Skiing Company 2005 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-SM	$345,094.52	171,554			1,636
	Fuel-AH	$73,814.31	49,771		**18.87**	471
	Fuel-AM	$152,726.65	78,169		**LBS CO2/GAL: B20 Biodiesel**	741
	Fuel-BM	$208,307.74	95,524		**19.59**	918
Sub-Total		**$779,943.22**	**395,019**	**gallons**	**LBS of CO2/GAL: Gasoline**	**3,769**
Snowmaking						
	Water-AM	$82,276.00	41,138,000			26
	Water-AH	$8,500.00	17,000,000			
	Water-BM	$0.00	38,998,910			
	Water-SM	$33,500.00	67,000,000		**.0000006308**	
Sub-Total		**$124,276.00**	**164,136,910**	**gallons**	**tons CO2/gal**	**26**
Electricity						
	Electric-ASC: Holy Cross	$1,680,813.00	17,347,019			15,526
	Electric-TLN: Holy Cross	$427,774.79	4,032,823		**1.259**	3,663
	Electric-City of Aspen	$18,914.24	206,827		**lbs CO2/kWh City of Aspen**	130
	Electric-AABC: Holy Cross	$16,123.64	216,752		**1.87**	203
Sub-Total		**$2,143,625.67**	**21,803,421**	**kWh**	**lbs CO2/kWh: Holy Cross**	**19,522**
					-1.87	
Wind Power		**$21,420.00**	**856,800**	**kWh**	**lbs CO2/kwh**	**-801**
Municipal H20						
	Water: Asp. Muni	$25,654.87	5,065,000			3
	Water-TLN	$29,419.10	15,206,000			10
	SM Wat and San	$33,137.71	2,615,460		**.0000006308**	2
Sub-Total		**$88,211.68**	**22,886,460**	**gallons**	**tons CO2/gal**	**14**
Natural Gas						
	Nat. Gas-ASC (KM Gas)	$343,996.69	30,346			1,790
	Nat. Gas-TLN (AM Gas)	$360,596.09	34,024			2,007
					0.059	
Sub-Total		**$704,592.78**	**64,370**	**MMBTU**	**tons CO2/MMBTU**	**3,798**
					0.00637	
Propane		**$3,105.00**	**818**	**Gallons**	**tons/gallon**	**5**
TOTAL		**$3,843,754.35**				**27,134**
# of Skiers	**1,367,207**	**$2.81 Per Skier**			**Tons CO2 per Skier**	**0.020**

ASC Owned Electricity Generation Facilities

Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**130,410**	**kWh**	**-1.87 lbs CO2/kWh Holy Cross**	**-122**

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't get the power and we can't claim the emissions reductions. That said, these projects would not have been developed without ASC involvement, and that's what matters to us.

Aspen Skiing Company 2006 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-AH	$111,312.51	46,420			439
	Fuel-SM	$453,828.27	181,137		**18.87**	1,726
	Fuel-BM	$260,617.34	99,022		**LBS CO2/GAL: B20 Biodiesel**	952
	Fuel-AM	$210,805.48	84,498		**19.59**	805
					LBS of CO2/GAL: Gasoline	
Sub-Total		**$1,036,563.59**	**411,078**	**gallons**		**4,184**
Snowmaking						
	Water-AM	$89,484.00	44,742,000			28
	Water-AH	$8,572.28	17,144,566			
	Water-BM	$0.00	53,610,456			
	Water-SM	$23,910.00	51,320,000		**.0000006308**	
Sub-Total		**$121,966.28**	**166,817,022**	**gallons**	**tons CO2/gal**	**28**
Electricity						
	Electric-ASC: Holy Cross	$1,880,952.36	19,352,144			18,238
	Electric-TLN: Holy Cross	$317,631.83	4,201,369		**0.58**	4,004
	Electric-City of Aspen	$18,862.41	187,494		**lbs CO2/kWh City of Aspen**	54
	Electric-AABC: Holy Cross	$15,483.19	207,344		**1.96**	203
Sub-Total		**$2,232,929.79**	**23,948,351**	**kWh**	**lbs CO2/kWh: Holy Cross**	**22,500**
Wind Power						
	Direct Wind	$21,420.00	856,800			-840
	Wind Power Credits		12,335,000		**-1.96**	-12,088
Sub-Total		**$21,420.00**	**13,191,800**	**kWh**	**lbs CO2/kwh**	**-12,928**
Municipal H20						
	Water: Asp. Muni	$33,392.99	3,809,783			2
	Water-TLN	$35,544.47	15,759,000			10
	SM Wat and San	$53,157.40	4,928,330		**.0000006308**	3
Sub-Total		**$122,094.86**	**24,497,113**	**gallons**	**tons CO2/gal**	**15**
Natural Gas						
	Nat. Gas-ASC	$479,454.35	31,326			1,848
	Nat. Gas-TLN	$441,400.75	37,508			2,213
					0.059	
Sub-Total		**$920,855.10**	**68,834**	**MMBTU**	**tons CO2/MMBTU**	**4,061**
					0.00637	
Propane		**$3,564.46**	**1,696**	**Gallons**	**tons/gallon**	**11**
TOTAL		**$4,437,974.09**				**30,800**
# of Skiers	**1,444,816**	**$3.07**	**Per Skier**		**Tons CO2 per Skier**	**0.021**

NOTE: Carbon dioxide reductions resulting from the purchase of wind power credits are not reflected in total tons of emissions.

ASC Owned Electricity Generation Facilities

Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**144,151**	**kWh**	**-1.96 lbs CO2/kWh Holy Cross**	**-141**

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't get the power and we can't claim the emissions reductions. That said, these projects would not have been developed without ASC involvement, and that's what matters to us.

Aspen Skiing Company 2007 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-AH	$119,792.35	48,748			461
	Fuel-SM	$430,174.53	175,243		**18.87**	1,669
	Fuel-BM	$340,217.78	113,611		**LBS CO2/GAL: B20 Biodiesel**	1,090
	Fuel-AM	$187,663.61	74,991		**19.59**	711
Sub-Total		**$1,077,848.27**	**412,593**	**gallons**	**LBS of CO2/GAL: Gasoline**	**4,164**
Snowmaking						
	Water-AM	$96,000.00	48,000,000			30
	Water-AH	$8,394.26	16,788,528			
	Water-BM	$0.00	56,502,603			
	Water-SM	$36,006.75	72,013,504		**0.0000006308**	
Sub-Total		**$140,401.02**	**193,304,635**	**gallons**	**tons CO2/gal**	**30**
Electricity						
	Electric-ASC: Holy Cross	$2,184,980.10	21,387,189			18,684
	Electric-TLN: Holy Cross	$303,212.04	4,379,241		**0.595**	3,859
	Electric-City of Aspen	$23,724.82	231,192		**lbs CO2/kWh City of Aspen**	69
	Electric-AABC: Holy Cross	$14,155.15	198,960		**1.81**	180
Sub-Total		**$2,526,072.11**	**26,196,582**	**kWh**	**lbs CO2/kWh: Holy Cross**	**22,792**
Wind Power						
	Direct Wind	$21,420.00	856,800			-775
	Wind Power Credits		21,146,000		**-1.81**	-19,137
Sub-Total		**$21,420.00**	**22,002,800**	**kWh**	**lbs CO2/kwh**	**-19,913**
Municipal H20						
	Water: Asp. Muni	$33,662.45	4,887,294			3
	Water-TLN	$37,352.53	15,499,000			10
	SM Wat and San	$50,854.48	4,527,060		**.0000006308**	3
Sub-Total		**$121,869.46**	**24,913,354**	**gallons**	**tons CO2/gal**	**16**
Natural Gas						
	Nat. Gas-ASC	$266,640.24	27,824			1,642
	Nat. Gas-TLN	$408,165.40	25,680			1,515
					0.059	
Sub-Total		**$674,805.64**	**53,504**	**MMBTU**	**tons CO2/MMBTU**	**3,157**
					0.00637	
Propane		**$7,774.31**	**3,752**	**Gallons**	**tons/gallon**	**24**
TOTAL		**$4,548,770.80**				**30,183**
# of Skiers	**1,444,647**	**$3.15**	**Per Skier**		**Tons CO2 per Skier**	**0.021**

NOTE: Carbon dioxide reductions resulting from the purchase of wind power credits are not reflected in total tons of emissions.

ASC Owned Electricity Generation Facilities

Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**130,949**	**kWh**	**-1.81 lbs CO2/kWh Holy Cross**	**-119**

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't get the power and we can't claim the emissions reductions. That said, these projects would not have been developed without ASC involvement, and that's what matters to us.

Aspen Skiing Company 2008 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)						
	Fuel-AH	$144,237.14	51,576		**22.38**	504
	Fuel-SM	$648,039.27	202,662		**LBS CO2/Gal: Diesel**	1,984
	Fuel-BM	$345,142.66	105,946		**18.87**	1,036
	Fuel-AM	$284,299.44	89,046		**LBS CO2/GAL: B20**	876
					19.59	
Sub-Total		**$1,421,718.51**	**449,230**	**gallons**	**LBS CO2/GAL: Gasoline**	**4,569**
Snowmaking						
	Water-AM	$97,000.00	48,500,000			31
	Water-AH	$6,427.44	12,854,886			
	Water-BM	$0.00	50,888,624			
	Water-SM	$33,885.50	67,771,000		**.0000006308**	
Sub-Total		**$137,312.94**	**180,014,510**	**gallons**	**tons CO2/gal**	**31**
Electricity						
	Electric-ASC: Holy Cross	$2,321,150.44	21,635,894		**1.646**	18,074
	Electric-TLN: Holy Cross	$321,849.89	4,001,145		**lbs CO2/kWh Xcel**	3,361
	Electric-City of Aspen	$25,485.52	230,565		**0.533**	61
	Electric-Xcel	$1,483.31	11,479		**lbs CO2/kWh City of Aspen**	9
	Electric-AABC: Holy Cross	$15,789.70	195,248		**1.73**	169
Sub-Total		**$2,685,758.86**	**26,074,331**	**kWh**	**lbs CO2/kWh: Holy Cross**	**21,675**
Wind Power						
	Direct Wind	$21,420.00	856,800			-741
	Wind Power Credits		10,573,000		**-1.73**	-9,146
Sub-Total		**$21,420.00**	**11,429,800**	**kWh**	**lbs CO2/kwh**	**-9,887**
Municipal H20						
	Mid-Valley Water	$8,753.42	5,193,497			3
	Carbondale Water	$1,021.48	36,000			0
	Water: Asp. Muni	$33,943.71	5,431,000			3
	Water-TLN	$33,154.94	13,220,000			8
	SM Wat and San	$72,841.20	7,769,250		**.0000006308**	5
Sub-Total		**$149,714.75**	**31,649,747**	**Gallons**	**tons CO2/gal**	**20**
Natural Gas						
	Nat. Gas-ASC	$420,107.17	36,171			2,134
	Nat. Gas-TLN	$358,420.25	25,579		**0.059**	1,509
Sub-Total		**$778,527.42**	**61,750**	**MMBTU**	**Tons CO2/MMBTU**	**3,643**
					0.00637	
Propane		**$4,818.89**	**1,235**	**Gallons**	**tons/gallon**	**8**
TOTAL		**$5,177,851.37**				**29,945**
# of Skiers	**1,470,997**	**$3.52**	**Per skier**		**Tons CO2 per Skier**	**0.020**

ASC Owned Electricity Generation Facilities

Solar Power	**CRMS 147kW Solar Plant**		**102,400**	**kWh**	**-1.646 lbs CO2/kWh Xcel**	**-84**
Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**161,115**	**kWh**	**-1.73 lbs CO2/kWh Holy Cross**	**-139**

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Aspen Skiing Company 2009 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)						
	Fuel-AH	$169,663.95	37,776		**22.38**	417
	Fuel-SM	$629,484.19	177,903		**LBS CO2/Gal: Diesel**	1,936
	Fuel-BM	$315,979.48	100,239		**18.87**	1,052
	Fuel-AM	$264,507.50	72,717		**LBS CO2/GAL: B20**	802
					19.59	
Sub-Total		**$1,379,635.11**	**388,635**	**gallons**	**LBS CO2/GAL: Gasoline**	**4,401**
Snowmaking						
	Water-AM	$92,500.00	46,250,000			29
	Water-AH	$8,246.18	16,492,368			
	Water-BM	$0.00	63,760,016			
	Water-SM	$36,667.00	73,334,000		**.0000006308**	
Sub-Total		**$137,413.18**	**199,836,384**	**gallons**	**tons CO2/gal**	**29**
Electricity						
	Electric-ASC: Holy Cross	$2,096,976.98	21,590,506		**1.616**	18,395
	Electric-TLN: Holy Cross	$283,446.93	3,961,296		**lbs CO2/kWh Xcel**	3,404
	Electric-City of Aspen	$72,523.40	247,181		**0.542**	67
	Electric-AABC: Holy Cross	$12,978.65	176,256		**lbs CO2/kWh City of Aspen**	156
	Electric-Xcel	$4,999.92	29,588		**1.77**	24
Sub-Total		**$2,470,925.88**	**26,004,827**	**kWh**	**lbs CO2/kWh: Holy Cross**	**22,046**
					-1.77	
Wind Power	**Holy Cross Wind Purchases**	**$23,010.00**	**920,400**	**kWh**	**lbs CO2/kwh**	**-815**
Municipal H20						
	Mid-Valley Water	$9,220.90	5,790,947			4
	Carbondale Water	$5,145.50	198,000			0
	Water: Asp. Muni	$42,374.33	7,213,000			5
	Water-TLN	$26,905.51	10,472,000			7
	SM Wat and San	$54,370.88	4,083,350		**.0000006308**	3
Sub-Total		**$138,017.12**	**27,757,297**	**gallons**	**tons CO2/gal**	**18**
Natural Gas						
	Nat. Gas-ASC	$655,614.34	44,277			2,612
	Nat. Gas-TLN	$324,720.99	26,190			1,545
					0.059	
Sub-Total		**$980,335.33**	**70,467**	**MMBTU**	**Tons CO2/MMBTU**	**4,158**
Propane		**$2,840.28**	**877**	**Gallons**	**0.00637 tons/gallon**	**6**
TOTAL		**$5,109,166.90**				**30,657**
# of Skiers	**1,283,348**	**$3.98 Per skier**			**Tons CO2 per Skier**	**0.024**

ASC Owned Electricity Generation Facilities

Solar Power	**CRMS 147kW Solar Plant**		**235,760**	**kWh**	**-1.616 lbs CO2/kWh Xcel**	**-190**
Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**129,972**	**kWh**	**-1.77 lbs CO2/kWh Holy Cross**	**-115**

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Aspen Skiing Company 2010 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-AH	$157,641.38	33,375		**22.38**	368
	Fuel-SM	$564,705.80	173,867		**LBS CO2/Gal: Diesel**	1,890
	Fuel-BM	$243,675.97	101,138		**18.87**	1,056
	Fuel-AM	$260,958.96	72,034		**LBS CO2/GAL: B20**	795
					19.59	
Sub-Total		**$1,226,982.11**	**380,414**	**gallons**	**LBS CO2/GAL: Gasoline**	**4,401**
Snowmaking						
	Water-AM	$102,328.00	51,164,000			32
	Water-AH	$9,912.12	19,824,248			
	Water-BM	$0.00	59,033,975			
	Water-SM	$35,446.50	70,893,000		**.0000006308**	
Sub-Total		**$147,686.62**	**200,915,223**	**gallons**	**tons CO2/gal**	**32**
Electricity						
	Electric-ASC: Holy Cross	$2,044,910.62	19,807,692			17,197
	Electric-TLN: Holy Cross	$307,262.33	4,109,855		**1.667**	3,615
	Electric-Limelight: City of Aspen	$72,606.11	713,700		**lbs CO2/kWh Xcel**	214
	Electric-City of Aspen	$34,058.92	290,076		**0.599**	87
	Electric-AABC: Holy Cross	$13,348.51	169,786		**lbs CO2/kWh City of Aspen**	154
	Electric-Xcel	$4,147.34	26,134		**1.81**	22
Sub-Total		**$2,476,333.83**	**25,117,243**	**kWh**	**lbs CO2/kWh: Holy Cross**	**21,288**
					-1.81	
Wind Power	**Holy Cross Wind Purchases**	**$23,010.00**	**920,400**	**kWh**	**lbs CO2/kwh**	**-833**
Municipal H20						
	Mid-Valley Water	$9,481.39	5,700,950			4
	Carbondale Water	$3,805.08	178,000			0
	Water: Asp. Muni	$45,773.05	5,923,000			4
	Water-TLN	$20,966.60	7,708,000			5
	Water-Limelight	$9,608.94	3,229,000			2
	SM Wat and San	$72,525.49	4,013,800		**.0000006308**	3
Sub-Total		**$162,160.55**	**26,752,750**	**gallons**	**tons CO2/gal**	**17**
Natural Gas						
	Nat. Gas-ASC	$532,376.43	50,183			2,961
	Nat. Gas-TLN	$336,506.74	31,385			1,852
	Nat Gas-Limelight	$47,387.54	4,866		**0.059**	287
Sub-Total		**$916,270.71**	**86,434**	**MMBTU**	**Tons CO2/MMBTU**	**5,100**
Propane		**$3,640.00**	**1,351**	**Gallons**	**0.00637 tons/gallon**	**9**
TOTAL		**$4,933,073.82**				**30,847**
# of Skiers	**1,338,210**	**$3.69**	**Per skier**		**Tons CO2 per Skier**	**0.023**

ASC Owned Electricity Generation Facilities

					-1.667	
Solar Power	**CRMS 147kW Solar Plant**		**229,440**	**kWh**	**lbs CO2/kWh Xcel**	**-191**
Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**0**	**kWh**	**-1.81 lbs CO2/kWh Holy Cross**	**0**

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Aspen Skiing Company 2011 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-AH	$138,375.05	38,502		**22.38**	426
	Fuel-SM	$471,061.34	169,596		**LBS CO2/Gal: Diesel**	1,848
	Fuel-BM	$277,338.15	108,667		**18.87**	1,134
	Fuel-AM	$236,975.38	73,097		**LBS CO2/GAL: B20**	807
					19.59	
Sub-Total		**$1,123,749.93**	**389,862**	**gallons**	**LBS CO2/GAL: Gasoline**	**4,472**
Snowmaking						
	Water-AM	$101,752.00	50,876,000			32
	Water-AH	$10,000.96	20,001,910			
	Water-BM	$0.00	62,722,040			
	Water-SM	$43,917.50	87,835,000		**.0000006308**	
Sub-Total		**$155,670.46**	**221,434,950**	**gallons**	**tons CO2/gal**	**32**
Electricity						
	Electric-ASC: Holy Cross	$2,092,826.48	18,652,132			16,210
	Electric-TLN: Holy Cross	$315,956.18	3,787,664		**1.613**	3,324
	Electric-Limelight: City of Aspen	$100,132.46	1,009,800		**lbs CO2/kWh Xcel**	245
	Electric-City of Aspen	$37,993.39	333,630		**0.486**	81
	Electric-AABC: Holy Cross	$15,261.11	172,192		**lbs CO2/kWh City of Aspen**	156
	Electric-Xcel	$3,432.15	27,071		**1.81**	22
Sub-Total		**$2,565,601.77**	**23,982,489**	**kWh**	**lbs CO2/kWh: Holy Cross**	**20,037**
					-1.81	
Wind Power	**Holy Cross Wind Purchases**	**$16,337.50**	**856,000**	**kWh**	**lbs CO2/kwh**	**-775**
Municipal H20						
	Mid-Valley Water	$8,769.12	5,535,848			3
	Carbondale Water	$3,907.00	330,000			0
	Water: Asp. Muni	$46,442.26	6,963,900			4
	Water-TLN	$34,867.48	12,759,000			8
	Water-Limelight	$11,818.64	3,550,000			2
	SM on Mountain-Wat and San	$79,556.67	6,691,650		**.0000006308**	4
Sub-Total		**$185,361.17**	**35,830,398**	**gallons**	**tons CO2/gal**	**23**
Natural Gas						
	Nat. Gas-ASC	$506,479.76	47,571			2,807
	Nat. Gas-TLN	$268,502.50	22,630			1,335
	Nat Gas-Limelight	$95,347.09	9,206		**0.059**	543
Sub-Total		**$870,329.35**	**79,407**	**MMBTU**	**Tons CO2/MMBTU**	**4,685**
Propane		**$9,498.71**	**3,597**	**Gallons**	**0.00637 tons/gallon**	**23**
TOTAL		**$4,910,211.38**				**29,272**
# of Skiers	**1,360,532**	**$3.61**	**Per skier**		**Tons CO2 per Skier**	**0.022**

ASC Owned Electricity Generation Facilities

Solar Power	**CRMS 147kW Solar Plant**		**237,120**	**kWh**	**-1.613 lbs CO2/kWh Xcel**	**-191**
Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**139,225**	**kWh**	**-1.81 lbs CO2/kWh Holy Cross**	**-126**

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Aspen Skiing Company 2012 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-AH	$95,603.27	24,849		**22.38**	273
	Fuel-SM	$468,872.06	149,411		**LBS CO2/Gal: Diesel**	1,621
	Fuel-BM	$310,014.36	104,209		**18.87**	1,082
	Fuel-AM	$206,059.71	67,133		**LBS CO2/GAL: B20**	740
					19.59	
Sub-Total		**$1,080,549.41**	**345,603**	**gallons**	**LBS CO2/GAL: Gasoline**	**3,963**
Snowmaking						
	Water-AM	$125,000.00	62,500,000			39
	Water-AH	$9,387.85	18,775,704			
	Water-BM	$0.00	66,539,180			
	Water-SM	$52,265.00	104,530,000		**.0000006308**	
Sub-Total		**$186,652.85**	**252,344,884**	**gallons**	**tons CO2/gal**	**39**
Electricity						
	Electric-ASC: Holy Cross	$2,115,668.53	18,614,064			17,627
	Electric-TLN: Holy Cross	$308,233.90	3,523,455		**1.544**	3,345
	Electric-Limelight: City of Aspen	$106,834.88	961,200		**lbs CO2/kWh Xcel**	359
	Electric-City of Aspen	$39,497.63	338,690		**0.746**	126
	Electric-AABC: Holy Cross	$15,549.05	169,648		**lbs CO2/kWh City of Aspen**	164
	Electric-Xcel	$9,713.30	83,758.00		**1.93**	65
Sub-Total		**$2,595,497.29**	**23,690,815**	**kWh**	**lbs CO2/kWh: Holy Cross**	**21,685**
					-1.93	
Wind Power	**Holy Cross Wind Purchases**	**$10,125.00**	**405,000**	**kWh**	**lbs CO2/kwh**	**-391**
Municipal H20						
	Mid-Valley Water	$10,869.17	6,577,826			4
	Carbondale Water	$4,091.88	530,000			0
	Water: Asp. Muni	$50,097.09	6,560,000			4
	Water-TLN	$26,512.82	9,831,000			6
	Water-Limelight	$13,514.41	4,190,000			3
	SM on Mountain-Wat and San	$82,924.47	5,275,950		**.0000006308**	3
Sub-Total		**$188,009.84**	**32,964,776**	**gallons**	**tons CO2/gal**	**21**
Natural Gas						
	Nat. Gas-ASC	$441,792.17	41,566			2,452
	Nat. Gas-TLN	$231,217.01	18,029			1,064
	Nat Gas-Limelight	$84,795.59	7,717		**0.059**	455
Sub-Total		**$757,804.77**	**67,312**	**MMBTU**	**Tons CO2/MMBTU**	**3,971**
Propane		**$2,761.50**	**906**	**Gallons**	**0.00637 tons/gallon**	**6**
TOTAL		**$4,811,275.66**				**29,685**
# of Skiers	**1,336,097**	**$3.60**	**Per skier**		**Tons CO2 per Skier**	**0.022**

ASC Owned Electricity Generation Facilities

Solar Power	**CRMS 147kW Solar Plant**		**244,320**	**kWh**	**-1.544 lbs CO2/kWh Xcel**	**-189**
Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**87,778**	**kWh**	**-1.93 lbs CO2/kWh Holy Cross**	**-85**
Coal Mine Methane	**Somerset, CO Elk Creek Mine 3MW Coal Mine Methane Plant**		**364,565**	**kWh**	**-6.89 lbs CO2/kWh Holy Cross**	**-1,256**

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Aspen Skiing Company 2013 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-AH	$146,881.21	40,259		**22.38**	445
	Fuel-SM	$522,603.76	164,432		**LBS CO2/Gal: Diesel**	1,787
	Fuel-BM	$353,956.43	109,241		**18.87**	1,137
	Fuel-AM	$231,137.05	74,028		**LBS CO2/GAL: B20**	818
					19.59	
Sub-Total		**$1,254,578.45**	**387,960**	**gallons**	**LBS CO2/GAL: Gasoline**	**4,186**
Snowmaking						
	Water-AM	$84,420.00	42,210,000			27
	Water-AH	$5,550.20	11,100,400			
	Water-BM	$0.00	61,495,260			
	Water-SM	$32,131.50	64,263,000		**.0000006308**	
Sub-Total		**$122,101.70**	**179,068,660**	**gallons**	**tons CO2/gal**	**27**
Electricity						
	Electric-ASC: Holy Cross	$2,168,143.61	18,384,797			16,234
	Electric-TLN: Holy Cross	$304,614.32	3,525,301		**1.516**	3,121
	Electric-Limelight: City of Aspen	$106,224.85	955,500		**lbs CO2/kWh Xcel**	258
	Electric-City of Aspen	$21,179.36	179,160		**0.54**	48
	Electric-AABC: Holy Cross	$15,255.22	167,648		**lbs CO2/kWh City of Aspen**	151
	Electric-Xcel	$11,774.20	96,021		**1.8**	73
Sub-Total		**$2,627,191.56**	**23,308,427**	**kWh**	**lbs CO2/kWh: Holy Cross**	**19,885**
Municipal H20						
	Mid-Valley Water	$9,606.35	5,605,608			4
	Carbondale Water	$4,403.07	687,000			0
	Water: Asp. Muni	$46,397.12	5,441,000			3
	Water-TLN	$31,051.35	11,233,000			7
	Water-Limelight	$10,411.70	2,180,000			1
	SM on Mountain-Wat and San	$67,091.22	3,968,900		**.0000006308**	3
Sub-Total		**$168,960.81**	**29,115,508**	**gallons**	**tons CO2/gal**	**18**
Natural Gas						
	Nat. Gas-ASC	$443,404.76	43,186			2,548
	Nat. Gas-TLN	$276,250.03	26,496			1,563
	Nat Gas-Limelight	$96,925.34	9,700		**0.059**	572
Sub-Total		**$816,580.13**	**79,382**	**MMBTU**	**Tons CO2/MMBTU**	**4,684**
Propane		**$5,144.89**	**913**	**Gallons**	**0.00637 tons/gallon**	**6**
TOTAL		**$4,994,557.54**				**28,805**
# of Skiers	**1,360,532**	**$3.67**	**Per skier**		**Tons CO2 per Skier**	**0.021**

ASC Owned Electricity Generation Facilities

Solar Power	**CRMS 147kW Solar Plant**		**229,200**	**kWh**	**-1.516 lbs CO2/kWh Xcel**	**-174**
Micro Hydro	**Fanny Hill at Snowmass 115kW Micro Hydro Plant**		**116,710**	**kWh**	**-1.8 lbs CO2/kWh Holy Cross**	**-105**
Coal Mine Methane	**Somerset, CO Elk Creek Mine 3MW Coal Mine Methane Plant**		**6,501,497**	**kWh**	**-6.89 lbs CO2/kWh Holy Cross**	**-22,398**

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Current Baseline Data

Season	Report Year in Title	Actual Year of Emissions	Total CO2 (TONS) Emitted	Total CO2 emmited by Fuel	Total CO2 emmited by water used for Snowmaking	Total CO2 emmited by Electrical Use	Total CO2 emmited by Municipal H20 use.	Total CO2 emmited from Natural Gas use	Total CO2 emmited from Propane use.	Tons CO2 Emmitted per Skier Day	Total $ spent on energy	Energy cost Per Skier Day
1999-2000	2000-2001	2000	29,827	3,920	8	21,538	50	4,293	18	0.023	$2,768,969.88	$2.09
2000-2001	2001-2002	2001	30,584	3,665	31	19,754	43	7,067	24	0.023	$2,947,159.13	$2.18
2001-2002	2002-2003	2002	29,286	3,031	29	20,567	36	5,543	80	0.023	$2,815,444.92	$2.23
2002-2003	2003-2004	2003	27,154	3,487	24	19,419	31	4,903	96	0.021	$2,930,106.87	$2.35
2003-2004	2004-2006	2004	26,973	3,750	30	19,134	33	3,997	29	0.020	$3,104,595.73	$2.81
2004-2005	2004-2006	2005	27,134	3,769	26	19,522	14	3,798	5	0.020	$3,843,754.35	$2.81
2005-2006	2006-2007	2006	30,800	4,184	28	22,500	15	4,061	11	0.021	$4,437,974.09	$3.07
2006-2007	2006-2007	2007	30,183	4,164	30	22,792	16	3,157	24	0.021	$4,548,770.80	$3.15
2007-2008	2010	2008	29,945	4,569	31	21,675	20	3,643	8	0.020	$5,177,851.37	$3.52
2008-2009	2010	2009	30,657	4,401	29	22,046	18	4,158	6	0.024	$5,109,166.90	$3.98
2009-2010	2012	2010	30,847	4,401	32	21,288	17	5,100	9	0.023	$4,933,073.82	$3.69
2010-2011	2012	2011	29,272	4,472	32	20,037	23	4,685	23	0.022	$4,910,211.38	$3.61
2011-2012	2014	2012	29,685	3,963	39	21,685	21	3,971	6	0.022	$4,811,275.66	$3.60
2012-2013	2014	2013	28,805	4,186	27	19,885	18	4,684	6	0.021	$4,994,557.54	$3.67
2013-2014	2016	2014	27,886									
2014-2015	2016	2015	26,967									
2015-2016	2018	2016	26,047									
2016-2017	2018	2017	25,128									
2017-2018	2020	2018	24,209									
2018-2019	2020	2019	23,289									
2019-2020	2022	2020	22,370									

ENERGY PLAN CARBON GOALS (w/o HC Carbon Intensity Change):
10% Reduction from 2000 by 2012, or emissions of 28,445 tons of CO2
25% Reduction from 2000 by 2020, or emissions of 23,704 tons of CO2.

In 2013 ASC sold the Snowmass Club. As a result CO2 emissions data from 2000-2013 was adjusted to remove Snowmass Club emissions. Since 2000 ASC acquired the Limelight Hotel, replaced and added lifts, and added new facilities. Despite these additions ASC's emissions have declined since 2000.