

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
Sub-Total		\$431,621.00	391,954	Gallons	0.01 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		1.183	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	103
	Sub-Total		\$1,554,604.88	22,970,757	KWH	lbs CO2/kWh: Holy Cross
Wind Power		N/A	N/A	kWh	-1.88	
					LBS of CO2 KWH	N/A
Municipal H2O	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
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
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				29,820
# 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
Sub-Total		\$472,425.68	366,523	Gallons	0.01 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			
Sub-Total		\$126,320.00	155,989,648	Gallons	0.0000006308 TONS of CO2 per Gallon	31
Electricity	Electric-ASC: Holy Cross	\$1,205,628.00	16,507,354			15,517
	Electric-TLN: Holy Cross	\$201,600.00	4,393,618		1.183 lbs CO2/kWh City of Aspen	4,130
	Electric-City of Aspen	\$10,183.84	169,988		1.88	101
Sub-Total		\$1,417,411.84	21,070,960	KWH	lbs CO2/kWh: Holy Cross -1.88	19,747
Wind Power				kWh	LBS of CO2 KWH	
Municipal H2O	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			15
Sub-Total		\$138,975.00	68,487,500	Gallons	0.0000006308 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
Sub-Total		\$789,296.61	119,772.30	MMBTU	0.059 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				30,577
# 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
Sub-Total		\$409,583.87	303,090	Gallons	0.01 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			
Sub-Total		\$133,000	173,182,183	Gallons	0.000006308 TONS of CO2 per Gallon	29
Electricity	Electric-ASC: Holy Cross	\$1,279,927	17,724,746		1.183	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	143
	Sub-Total		\$1,484,235.05	21,959,746	KWH	lbs CO2/kWh: Holy Cross
Wind Power		N/A	N/A	kWh	-1.88 LBS of CO2 KWH	N/A
Municipal H2O	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			10
	Sub-Total		\$113,658	56,812,500	Gallons	0.000006308 TONS of CO2 per Gallon
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
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				29,276
# 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
Sub-Total		\$575,202.00	348,670	Gallons	0.01 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		0.000006308	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		1.122	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	133
	Sub-Total		\$1,424,549	20,736,340	KWH	lbs CO2/kWh: Holy Cross
					-1.88	
Wind Power		\$15,592.50	856,800	kWh	LBS of CO2 KWH	-805
Municipal H2O	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		0.000006308	15
	Sub-Total		\$98,935	49,467,500	Gallons	TONS of CO2 per Gallon
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
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				27,137
# 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		1.188	3,648
	Electric-City of Aspen	\$15,253.24	206,049		lbs CO2/kWh City of Aspen	122
	Electric-AABC: Holy Cross	\$7,841.24	115,600		1.88	109
Sub-Total		\$1,554,586.48	21,280,684	kWh	lbs CO2/kWh: Holy Cross	19,127
					-1.88	
Wind Power		\$15,592.50	856,800	kWh	lbs CO2/kwh	-805
Municipal H2O	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
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
Propane		\$7,978.00	4,585	Gallons	.00637 tons/gallon	29
TOTAL		\$3,104,595.73				26,966
# of Skiers	1,323,669	\$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		0.906	3,663	
	Electric-City of Aspen	\$18,914.24	206,827		lbs CO2/kWh City of Aspen	94	
	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	19,485
Wind Power		\$21,420.00	856,800	kWh	-1.87		
					lbs CO2/kwh	-801	
Municipal H2O	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		0.059	2,007	
Sub-Total			\$704,592.78	64,370	MMBTU	tons CO2/MMBTU	3,798
Propane					0.00637		
		\$3,105.00	818	Gallons	tons/gallon	5	
TOTAL		\$3,843,754.35				27,098	
# of Skiers	1,367,210	\$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
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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
Electricity	Electric-ASC: Holy Cross	\$1,880,952.36	19,352,144			18,238
	Electric-TLN: Holy Cross	\$317,631.83	4,201,369		0.552	4,004
	Electric-City of Aspen	\$18,862.41	187,494		lbs CO2/kWh City of Aspen	52
	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
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
Municipal H2O	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
Natural Gas	Nat. Gas-ASC	\$479,454.35	31,326			1,848
	Nat. Gas-TLN	\$441,400.75	37,508			2,213
	Sub-Total		\$920,855.10	68,834	MMBTU	0.059 tons CO2/MMBTU
Propane					0.00637	
		\$3,564.46	1,696	Gallons	tons/gallon	11
TOTAL		\$4,437,974.09				30,797
# of Skiers	1,444,802	\$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
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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
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
Electricity	Electric-ASC: Holy Cross	\$2,184,980.10	21,387,189			18,684
	Electric-TLN: Holy Cross	\$303,212.04	4,379,241		0.645	3,859
	Electric-City of Aspen	\$23,724.82	231,192		lbs CO2/kWh City of Aspen	75
	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
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
Municipal H2O	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
Natural Gas	Nat. Gas-ASC	\$266,640.24	27,824			1,642
	Nat. Gas-TLN	\$408,165.40	25,680			1,515
	Sub-Total		\$674,805.64	53,504	MMBTU	tons CO2/MMBTU
Propane					0.00637	
		\$7,774.31	3,752	Gallons	tons/gallon	24
TOTAL		\$4,548,770.80				30,189
# of Skiers	1,444,651	\$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
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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
Electricity	Electric-ASC: Holy Cross	\$2,321,150.44	21,635,894			18,074
	Electric-TLN: Holy Cross	\$321,849.89	4,001,145			3,361
	Electric-City of Aspen	\$25,485.52	230,565		0.612	71
					lbs CO2/kWh City of Aspen	
	Electric-AABC: Holy Cross	\$15,789.70	195,248		1.73	169
Sub-Total		\$2,684,275.55	26,062,852	kWh	lbs CO2/kWh: Holy Cross	21,674
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
Municipal H2O	Mid-Valley Water	\$8,753.42	5,193,497			3
	Carbondale Water	\$1,021.48	36,000			0
	Water: Asp. Muni	\$34,217.94	5,493,000			3
	Water-TLN	\$33,154.94	13,220,000			8
	SM Wat and San	\$72,841.20	7,769,250		.0000006308	5
	Sub-Total		\$149,988.98	31,711,747	Gallons	tons CO2/gal
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
Propane		\$4,818.89	1,235	Gallons	0.00637	8
					tons/gallon	
TOTAL		\$5,176,642.29				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
Electricity	Electric-ASC: Holy Cross	\$2,096,976.98	21,590,506			18,395
	Electric-TLN: Holy Cross	\$283,446.93	3,961,296			3,404
	Electric-City of Aspen	\$72,523.40	247,181		0.612	76
	Electric-AABC: Holy Cross	\$12,978.65	176,256		lbs CO2/kWh City of Aspen	156
					1.77	
Sub-Total		\$2,465,925.96	25,975,239	kWh	lbs CO2/kWh: Holy Cross	22,030
					-1.77	
Wind Power	Holy Cross Wind Purchases	\$23,010.00	920,400	kWh	lbs CO2/kwh	-815
Municipal H2O	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
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		\$5,104,166.98				30,641
# of Skiers	1,364,056	\$3.74 Per skier			Tons CO2 per Skier	0.022

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

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

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	
					tons CO2/gal	32
Sub-Total		\$147,686.62	200,915,223	gallons		
Electricity	Electric-ASC: Holy Cross	\$2,044,910.62	19,807,692			17,197
	Electric-TLN: Holy Cross	\$307,262.33	4,109,855			3,615
	Electric-Limelight: City of Aspen	\$72,606.11	713,700			238
	Electric-City of Aspen	\$34,058.92	290,076		0.668	97
	Electric-AABC: Holy Cross	\$13,348.51	169,786		lbs CO2/kWh City of Aspen	154
					1.81	
Sub-Total		\$2,472,186.49	25,091,109	kWh	lbs CO2/kWh: Holy Cross	21,301
					-1.81	
Wind Power	Holy Cross Wind Purchases	\$23,010.00	920,400	kWh	lbs CO2/kwh	-833
Municipal H2O	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
					tons CO2/gal	17
Sub-Total		\$162,160.55	26,752,750	gallons		
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
					Tons CO2/MMBTU	5,100
Sub-Total		\$916,270.71	86,434	MMBTU		
Propane		\$3,640.00	1,351	Gallons	0.00637	9
					tons/gallon	
TOTAL		\$4,928,926.48				30,860
# of Skiers	1,338,210				\$3.68 Per skier	Tons CO2 per Skier 0.023

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		229,440	kWh	-1.667 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

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

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			16,658
	Electric-TLN: Holy Cross	\$315,956.18	3,787,664			3,415
	Electric-Limelight: City of Aspen	\$100,132.46	1,009,800			301
	Electric-City of Aspen	\$37,993.39	333,630		0.596	99
	Electric-AABC: Holy Cross	\$15,261.11	172,192		lbs CO2/kWh City of Aspen	160
					1.86	
Sub-Total	\$2,562,169.62	23,955,418	kWh	lbs CO2/kWh: Holy Cross	20,633	
					-1.86	
Wind Power	Holy Cross Wind Purchases	\$16,337.50	856,000	kWh	lbs CO2/kwh	-796
Municipal H2O	Mid-Valley Water	\$8,769.12	5,535,848			3
	Carbondale Water	\$3,907.00	330,000			0
	Water: Asp. Muni	\$46,455.76	6,968,900			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	\$185,374.67	35,835,398	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	23
					tons/gallon	
TOTAL		\$4,906,792.73				29,868
# of Skiers	1,360,533				Tons CO2 per Skier	0.022
		\$3.61 Per skier				

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		237,120	kWh	-1.613	-191
	Fanny Hill at Snowmass 115kW				lbs CO2/kWh Xcel	
Micro Hydro	Micro Hydro Plant		139,225	kWh	-1.86	-129
					lbs CO2/kWh Holy Cross	

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

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			3,345
	Electric-Limelight: City of Aspen	\$106,834.88	961,200			396
	Electric-City of Aspen	\$39,497.63	338,690		0.825	140
	Electric-AABC: Holy Cross	\$15,549.05	169,648		lbs CO2/kWh City of Aspen	164
					1.93	
Sub-Total	\$2,585,783.99	23,607,057	kWh	lbs CO2/kWh: Holy Cross	21,672	
					-1.93	
Wind Power	Holy Cross Wind Purchases	\$10,125.00	405,000	kWh	lbs CO2/kwh	-391
Municipal H2O	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		
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	6
					tons/gallon	
TOTAL		\$4,801,562.36				29,672
# of Skiers	1,336,096	\$3.59 Per skier			Tons CO2 per Skier	0.022

ASC Owned Electricity Generation Facilities

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

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

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
Electricity	Electric-ASC: Holy Cross	\$2,168,143.61	18,384,797			16,822
	Electric-SM Base Village: Holy Cross (BTU Sub-Meter for Chilling)	\$4,875.55	48,760			45
	Electric-TLN: Holy Cross	\$304,614.32	3,525,301			3,226
	Electric-Limelight: City of Aspen	\$106,224.85	955,500			452
	Electric-City of Aspen	\$38,763.57	326,966		0.947	155
	Electric-AABC: Holy Cross	\$15,255.22	167,648		lbs CO2/kWh City of Aspen	153
					1.83	
Sub-Total		\$2,637,877.12	23,408,972	kWh	lbs CO2/kWh: Holy Cross	20,853
Municipal H2O	Mid-Valley Water	\$9,606.35	5,605,608			4
	Carbondale Water	\$4,403.07	687,000			0
	Water: Asp. Muni	\$53,041.47	6,583,000			4
	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		\$175,605.16	30,257,508	gallons	tons CO2/gal
Natural Gas	Nat. Gas-ASC	\$448,091.05	43,807			2,585
	Nat. Gas-TLN	\$268,886.75	25,816			1,523
	Nat. Gas-SM Base Village	\$60,216.04	4,016			237
	Nat Gas-Limelight	\$96,925.34	9,700		0.059	572
	Sub-Total		\$874,119.18	83,339	MMBTU	Tons CO2/MMBTU
Propane		\$5,144.89	913	Gallons	0.00637 tons/gallon	6
TOTAL		\$5,069,426.50				30,008
# of Skiers		1,375,514	\$3.69 Per skier		Tons CO2 per Skier	0.022

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		229,200	kWh	-1.521 lbs CO2/kWh Xcel	-174
	Fanny Hill at Snowmass 115kW				-1.83	
Micro Hydro	Micro Hydro Plant		116,710	kWh	lbs CO2/kWh Holy Cross	-107
	Somersset, CO Elk Creek Mine				-6.89	
Coal Mine Methane	3MW Coal Mine Methane Plant		6,501,497	kWh	lbs CO2/kWh Holy Cross	-22,398

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

Aspen Skiing Company 2014 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel						
(Gas +Diesel)	Fuel-AH	\$156,927.57	39,485		22.38	436
	Fuel-SM	\$549,894.93	168,187		LBS CO2/Gal: Diesel	1,823
	Fuel-BM	\$356,101.34	107,415		18.87	1,132
	Fuel-AM	\$238,230.67	74,221		LBS CO2/GAL: B20	820
					19.59	
Sub-Total		\$1,301,154.52	389,308	gallons	LBS CO2/GAL: Gasoline	4,211
Snowmaking						
	Water-AM	\$107,086.00	53,543,000			34
	Water-AH	\$5,522.57	11,045,143			
	Water-BM	\$0.00	59,626,550			
	Water-SM	\$39,059.00	78,118,000		.0000006308	
Sub-Total		\$151,667.57	202,332,693	gallons	tons CO2/gal	34
Electricity						
	Electric-ASC: Holy Cross	\$ 2,224,008.13	18,753,282			14,721
	Electric-SM Base Village: Holy Cross (BTU Sub-Meter for Chilling)	\$4,322.89	43,230			34
	Electric-TLN: Holy Cross	\$322,397.00	3,582,102			2,812
	Electric-Limelight: City of Aspen	\$104,052.85	934,500			246
	Electric-City of Aspen	\$35,271.59	330,225		0.526	87
	Electric-AABC: Holy Cross	\$14,608.85	151,136		lbs CO2/kWh City of Aspen	119
					1.57	
Sub-Total		\$2,704,661.31	23,794,475	kWh	lbs CO2/kWh: Holy Cross	18,018
Municipal H2O						
	Mid-Valley Water	\$11,552.22	6,728,597			4
	Carbondale Water	\$4,501.49	697,000			0
	Water: Asp. Muni	\$46,796.11	5,394,000			3
	Water-TLN	\$31,160.36	10,687,000			7
	Water-Limelight	\$15,849.99	4,750,000			3
	SM on Mountain-Wat and San	\$73,048.75	4,097,850		.0000006308	3
Sub-Total		\$182,908.92	32,354,447	gallons	tons CO2/gal	20
Natural Gas						
	Nat. Gas-ASC	\$474,855.74	42,766			2,523
	Nat. Gas-TLN	\$299,034.75	26,849			1,584
	Nat. Gas-SM Base Village	\$61,137.55	6,064			358
	Nat. Gas-Limelight	\$96,517.44	8,250		0.059	487
Sub-Total		\$931,545.48	83,929	MMBTU	Tons CO2/MMBTU	4,952
Propane						
		\$3,636.14	1,015	Gallons	0.00637	6
					tons/gallon	
TOTAL		\$5,275,573.94				27,242
# of Skiers	1,485,544	\$3.55 Per skier			Tons CO2 per Skier	0.018

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		227,040	kWh	-1.452	-165
					lbs CO2/kWh Xcel	
Micro Hydro	Fanny Hill at Snowmass 115kW Micro Hydro Plant		157,603	kWh	-1.57	-124
					lbs CO2/kWh Holy Cross	
Coal Mine Methane	Somerset, CO Elk Creek Mine 3MW Coal Mine Methane Plant		25,800,000	kWh	-6.89	-88,881
					lbs CO2/kWh Holy Cross	

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

Aspen Skiing Company 2015 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-AH	\$177,350.00	40,305		22.38	445
	Fuel-SM	\$654,577.00	187,536		LBS CO2/Gal: Diesel	2,032
	Fuel-BM	\$348,564.00	113,639		18.87	1,193
	Fuel-AM	\$308,935.00	82,280		LBS CO2/GAL: B20	909
					19.59	
Sub-Total		\$1,489,426.00	423,760	gallons	LBS CO2/GAL: Gasoline	4,579
Snowmaking	Water-AM	\$118,426.00	59,213,000			37
	Water-AH	\$6,697.86	13,395,718			
	Water-BM	\$0.00	61,675,420			
	Water-SM	\$53,438.00	106,876,000		.0000006308	
					tons CO2/gal	37
Sub-Total		\$178,561.86	241,160,138	gallons		
Electricity	Electric-ASC: Holy Cross	\$2,232,046.00	19,071,405			13,541
	Electric-SM Base Village: Holy Cross (BTU Sub-Meter for Chilling)	\$5,237.00	52,371			37
	Electric-TLN: Holy Cross	\$287,047.00	3,462,066			2,458
	Electric-Limelight: City of Aspen	\$94,675.17	844,200			2
	Electric-City of Aspen	\$31,016.81	296,118		0.005	1
	Electric-AABC: Holy Cross	\$12,695.38	132,304		lbs CO2/kWh City of Aspen	94
					1.42	
					lbs CO2/kWh: Holy Cross	16,133
Sub-Total		\$2,662,717.36	23,858,464	kWh		
Municipal H2O	Mid-Valley Water	\$10,452.18	6,373,781			4
	Carbondale Water	\$4,532.05	681,000			0
	Water: Asp. Muni	\$30,565.56	4,684,000			3
	Water-TLN	\$23,339.89	10,330,000			7
	Water-Limelight	\$10,502.53	5,040,000			3
	SM on Mountain-Wat and San	\$80,603.79	4,642,760		.0000006308	3
					tons CO2/gal	20
	Sub-Total		\$159,996.00	31,751,541	gallons	
Natural Gas	Nat. Gas-ASC	\$425,063.00	40,056			2,363
	Nat. Gas-TLN	\$267,503.00	25,221			1,488
	Nat. Gas-SM Base Village	\$41,620.00	4,162			246
	Nat. Gas-Limelight	\$82,470.00	7,351		0.059	434
					Tons CO2/MMBTU	4,531
Sub-Total		\$816,656.00	76,790	MMBTU		
Propane		\$7,286.45	2,092	Gallons	0.00637 tons/gallon	13
TOTAL		\$5,314,643.67				25,313
# of Skiers	1,455,103	\$3.65	Per skier		Tons CO2 per Skier	0.017

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		215,600	kWh	-1.483 lbs CO2/kWh Xcel	-160
	Fanny Hill at Snowmass 115kW				-1.42	
Micro Hydro	Micro Hydro Plant		121,100	kWh	lbs CO2/kWh Holy Cross	-86
	Somerset, CO Elk Creek Mine				-6.89	
Coal Mine Methane	3MW Coal Mine Methane Plant		27,069,729	kWh	lbs CO2/kWh Holy Cross	-93,255

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

Aspen Skiing Company 2016 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-AH	\$158,839.00	38,394		22.38	424
	Fuel-SM	\$538,691.00	185,749		LBS CO2/Gal: Diesel	2,016
	Fuel-BM	\$274,104.00	107,781		18.87	1,122
	Fuel-AM	\$251,976.00	74,158		LBS CO2/GAL: B20	820
					19.59	
Sub-Total		\$1,223,610.00	406,082	gallons	LBS CO2/GAL: Gasoline	4,388
Snowmaking	Water-AM	\$157,832.00	78,916,000			50
	Water-AH	\$5,548.00	11,096,000			
	Water-BM	\$0.00	58,645,850			
	Water-SM	\$41,435.50	82,871,000		.0000006308	
	Sub-Total	\$204,815.50	231,528,850	gallons	tons CO2/gal	50
Electricity	Electric-ASC: Holy Cross	\$2,224,616.00	18,690,788			12,523
	Electric-SM Base Village: Holy Cross (BTU Sub-Meter for Chilling)	\$6,901.74	69,017			46
	Electric-Limelight Ketchum: Idaho Power	\$7,723.45	105,136			0
	Electric-TLN: Holy Cross	\$305,853.55	3,355,100		0.858	2,248
	Electric-Limelight Aspen: City of Aspen	\$96,662.00	846,300		lbs CO2/kWh Idaho Power	2
	Electric-City of Aspen	\$35,619.00	309,583		0.005	1
	Electric-AABC: Holy Cross	\$13,217.85	139,264		lbs CO2/kWh City of Aspen	93
					1.34	
Sub-Total	\$2,690,593.59	23,515,188	kWh	lbs CO2/kWh: Holy Cross	14,913	
Municipal H2O	Mid-Valley Water	\$10,431.50	6,332,374			4
	Carbondale Water	\$3,947.76	591,000			0
	Water: Asp. Muni	\$37,751.86	5,603,000			4
	Water-TLN	\$32,210.42	9,601,000			6
	Water-Limelight Ketchum	\$4,509.91	1,016,000			1
	Water-Limelight Aspen	\$19,334.97	5,390,000			3
	SM on Mountain-Wat and San	\$84,971.48	4,310,000		.0000006308	3
	Sub-Total	\$193,157.90	32,843,374	gallons	tons CO2/gal	21
Natural Gas	Nat. Gas-ASC	\$404,537.00	42,797			2,525
	Nat. Gas-TLN	\$244,505.00	26,387			1,557
	Nat. Gas-SM Base Village	\$36,343.00	3,643			215
	Nat. Gas-Limelight Ketchum	\$0.00	0			0
	Nat. Gas-Limelight Aspen	\$71,748.00	7,729		0.059	456
	Sub-Total	\$757,133.00	80,556	MMBTU	Tons CO2/MMBTU	4,753
Propane		\$21,610.75	4,293	Gallons	0.00637	27
					tons/gallon	
TOTAL		\$5,090,920.74				24,152
# of Skiers	1,521,409		\$3.35 Per skier		Tons CO2 per Skier	0.016

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		220,640	kWh	-1.308	-144
					lbs CO2/kWh Xcel	
Micro Hydro	Fanny Hill at Snowmass 115kW Micro Hydro Plant		25,000	kWh	-1.33	-17
					lbs CO2/kWh Holy Cross	
Coal Mine Methane	Somerset, CO Elk Creek Mine 3MW Coal Mine Methane Plant		25,768,942	kWh	-6.89	-88,774
					lbs CO2/kWh Holy Cross	

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

Aspen Skiing Company 2017 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-AH	\$151,060.00	37,255		22.38	413
	Fuel-SM	\$540,395.00	190,559		LBS CO2/Gal: Diesel	2,062
	Fuel-BM	\$291,124.00	121,061		18.87	1,273
	Fuel-AM	\$256,404.00	79,437		LBS CO2/GAL: B20	880
					19.59	
Sub-Total		\$1,238,983.00	428,312	gallons	LBS CO2/GAL: Gasoline	4,627
Snowmaking	Water-AM	\$142,764.00	71,382,000			45
	Water-AH	\$7,881.68	15,763,362			
	Water-BM	\$0.00	58,115,080			
	Water-SM	\$55,953.33	111,906,650		.0000006308	
			\$206,599.01	257,167,092	gallons	tons CO2/gal
Electricity	Electric-ASC: Holy Cross	\$2,295,936.69	19,360,288			11,423
	Electric-SM Base Village: Holy Cross (BTU Sub-Meter for Chilling)	\$2,902.00	69,017			41
	Electric-Limelight Ketchum: Idaho Power	\$80,675.00	1,147,040			356
	Electric-TLN: Holy Cross	\$294,653.00	3,153,260		0.62	1,860
	Electric-Limelight Aspen: City of Aspen	\$106,073.00	849,344		lbs CO2/kWh Idaho Power	2
	Electric-City of Aspen	\$39,907.00	296,304		0.005	1
	Electric-AABC: Holy Cross	\$14,235.00	145,728		lbs CO2/kWh City of Aspen	86
					1.18	
Sub-Total		\$2,834,381.69	25,020,981	kWh	lbs CO2/kWh: Holy Cross	13,413
Municipal H2O	Mid-Valley Water	\$10,860.69	5,822,112			4
	Carbondale Water	\$4,183.61	551,000			0
	Water: Asp. Muni	\$53,508.00	5,459,000			3
	Water-TLN	\$37,235.04	10,655,000			7
	Water-Limelight Ketchum	\$9,512.13	2,315,000			1
	Water-Limelight Aspen	\$22,712.03	5,570,000			4
	SM on Mountain-Wat and San	\$88,136.06	4,208,300		.0000006308	3
			\$226,147.56	34,580,412	gallons	tons CO2/gal
Natural Gas	Nat. Gas-ASC	\$390,546.00	36,885			2,176
	Nat. Gas-TLN	\$228,615.00	25,919			1,529
	Nat. Gas-SM Base Village	\$36,343.00	3,643			215
	Nat. Gas-Limelight Ketchum	\$88,018.00	9,933			586
	Nat. Gas-Limelight Aspen	\$69,459.00	7,911		0.059	467
			\$812,981.00	84,291	MMBTU	Tons CO2/MMBTU
Propane		\$22,806.06	3,679	Gallons	0.00637 tons/gallon	23
TOTAL		\$5,341,898.32				23,103
# of Skiers	1,508,373		\$3.54	Per skier	Tons CO2 per Skier	0.015

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		234,800	kWh	-1.293 lbs CO2/kWh Xcel	-152
Micro Hydro	Fanny Hill at Snowmass 115kW Micro Hydro Plant		142,600	kWh	-1.17 lbs CO2/kWh Holy Cross	-83
Coal Mine Methane	Somerset, CO Elk Creek Mine 3MW Coal Mine Methane Plant		23,092,987	kWh	-6.89 lbs CO2/kWh Holy Cross	-79,555

Clean power generated by the above ASC owned facilities is sold to electric utilities. We don't utilize the power and can't claim the emissions reductions. These projects would not have been developed without ASC involvement and investment.

Aspen Skiing Company 2018 Consumption Baseline/CO2 Emissions

Category	Media	Cost	Units	Unit Type	Conversion	CO2(tons)
Fuel (Gas +Diesel)	Fuel-AH	\$150,926.00	38,798		22.38	429
	Fuel-SM	\$571,512.00	195,924		LBS CO2/Gal: Diesel	2,122
	Fuel-BM	\$271,669.00	108,212		18.87	1,128
	Fuel-AM	\$234,940.00	74,209		LBS CO2/GAL: B20	820
					19.59	
Sub-Total		\$1,229,047.00	417,143	gallons	LBS CO2/GAL: Gasoline	4,499
Snowmaking	Water-AM	\$120,172.00	60,086,000			38
	Water-AH	\$6,697.42	13,394,831			
	Water-BM	\$0.00	65,412,000			
	Water-SM	\$55,416.25	110,832,493		.0000006308	
	Sub-Total	\$182,285.66	249,725,324	gallons	tons CO2/gal	38
Electricity	Electric-ASC: Holy Cross	\$2,550,588.00	20,819,098			12,387
	Electric-SM Base Village: Holy Cross (BTU Sub-Meter for Chilling)*	\$2,902.00	69,017			41
	Electric-Limelight Ketchum: Idaho Power	\$73,085.00	1,047,840			341
	Electric-TLN: Holy Cross	\$358,906.00	3,289,500		0.005	1,957
	Electric-Limelight Snowmass	\$2,807.00	26,760		lbs CO2/kWh City of Aspen	79
	Electric-Limelight Aspen: City of Aspen	\$112,038.00	846,665		1.19	2
	Electric-City of Aspen	\$41,842.00	289,129		lbs CO2/kWh: Holy Cross	1
	Electric-AABC: Holy Cross	\$13,866.00	133,432		0.65	79
	Sub-Total	\$3,156,034.00	26,521,441	kWh	lbs CO2/kWh Idaho Power	14,888
Municipal H2O	Mid-Valley Water	\$12,490.51	6,877,301			4
	Carbondale Water	\$4,743.76	623,000			0
	Water: Asp. Muni	\$56,595.42	4,921,000			3
	Water-TLN	\$42,256.65	10,554,000			7
	Water-Limelight Ketchum	\$11,831.43	2,872,000			2
	Water-Limelight Aspen	\$23,916.32	5,560,000			4
	Water-Limelight Snowmass***	N/A	N/A			
	SM on Mountain-Wat and San	\$89,959.73	4,021,800		.0000006308	3
	Sub-Total	\$241,793.82	35,429,101	gallons	tons CO2/gal	22
Natural Gas	Nat. Gas-ASC	\$395,970.00	40,859			2,411
	Nat. Gas-TLN	\$202,995.00	27,104			1,599
	Nat. Gas-SM Base Village (Treehouse/4MS Kids Shop)**	\$36,343.00	3,643			215
	Nat. Gas-4MS Rental***	N/A	N/A			
	Nat. Gas-Limelight Ketchum	\$65,216.00	8,611			508
	Nat. Gas-Limelight Aspen	\$66,955.00	8,333			492
	Nat. Gas-Limelight Snowmass***	N/A	N/A		0.059	
	Sub-Total	\$767,479.00	88,551	MMBTU	Tons CO2/MMBTU	5,224
Propane	\$25,320.86	7,785	Gallons	0.00637 tons/gallon	50	
TOTAL		\$5,601,960.34				24,722
# of Skiers		1,402,162		\$4.00 Per skier	Tons CO2 per Skier	0.018

ASC Owned Electricity Generation Facilities

Solar Power	CRMS 147kW Solar Plant		27,600	kWh	-1.218 lbs CO2/kWh Xcel	-17
Micro Hydro****	Fanny Hill at Snowmass 115kW Micro Hydro Plant		0	kWh	-1.19 lbs CO2/kWh Holy Cross	0
Coal Mine Methane	Somerset, CO Elk Creek Mine 3MW Coal Mine Methane Plant		25,505,728	kWh	-1.19 lbs CO2/kWh Holy Cross	-15,176

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.

Current Baseline Data

Season	Report Year in Title	Actual Year of Emissions	Total CO2 (TONS) Emitted	Total CO2 emmitted by Fuel	Total CO2 emmitted by water used for Snowmaking	Total CO2 emmitted by Electrical Use	Total CO2 emmitted by Municipal H2O use.	Total CO2 emmitted from Natural Gas use	Total CO2 emmitted from Propane use.	Tons CO2 Emmitted per Skier Day	Total \$ spent on energy	Energy cost Per Skier Day
1999-2000	2000-2001	2000	29,820	3,920	8	21,532	50	4,293	18	0.023	\$2,768,969.88	\$2.09
2000-2001	2001-2002	2001	30,577	3,665	31	19,747	43	7,067	24	0.023	\$2,947,159.13	\$2.18
2001-2002	2002-2003	2002	29,276	3,031	29	20,558	36	5,543	80	0.023	\$2,815,444.92	\$2.23
2002-2003	2003-2004	2003	27,137	3,487	24	19,402	31	4,903	96	0.021	\$2,930,106.87	\$2.35
2003-2004	2004-2006	2004	26,966	3,750	30	19,127	33	3,997	29	0.020	\$3,104,595.73	\$2.81
2004-2005	2004-2006	2005	27,098	3,769	26	19,485	14	3,798	5	0.020	\$3,843,754.35	\$2.81
2005-2006	2006-2007	2006	30,797	4,184	28	22,498	15	4,061	11	0.021	\$4,437,974.09	\$3.07
2006-2007	2006-2007	2007	30,189	4,164	30	22,798	16	3,157	24	0.021	\$4,548,770.80	\$3.15
2007-2008	2010	2008	29,945	4,569	31	21,674	20	3,643	8	0.020	\$5,176,642.29	\$3.52
2008-2009	2010	2009	30,641	4,401	29	22,030	18	4,158	6	0.022	\$5,104,166.98	\$3.74
2009-2010	2012	2010	30,860	4,401	32	21,301	17	5,100	9	0.023	\$4,928,926.48	\$3.68
2010-2011	2012	2011	29,868	4,472	32	20,633	23	4,685	23	0.022	\$4,906,792.73	\$3.61
2011-2012	2014	2012	29,672	3,963	39	21,672	21	3,971	6	0.022	\$4,801,562.36	\$3.59
2012-2013	2014	2013	30,008	4,186	27	20,853	19	4,917	6	0.022	\$5,069,426.50	\$3.69
2013-2014	2017	2014	27,242	4,211	34	18,018	20	4,952	6	0.018	\$5,275,573.94	\$3.55
2014-2015	2017	2015	25,313	4,579	37	16,133	20	4,531	13	0.017	\$5,314,643.67	\$3.65
2015-2016	2019	2016	24,152	4,388	50	14,913	21	4,753	27	0.016	\$5,090,920.74	\$3.35
2016-2017	2019	2017	23,103	4,627	45	13,413	22	4,973	23	0.015	\$5,341,898.32	\$3.54
2017-2018	2021	2018	24,722	4,499	38	14,888	22	5,224	50	0.018	\$5,601,960.34	\$4.00
2018-2019	2021	2019	23,151									
2019-2020	2023	2020	22,365									

ENERGY PLAN CARBON GOALS (w/o HC Carbon Intensity Change):
 10% Reduction from 2000 by 2012, or emissions of 26,838 tons of CO2
 25% Reduction from 2000 by 2020, or emissions of 22,365 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.