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Research Report

The Mount Redington Wind Farm Visual Analysis Survey

September 2004

APPENDICES

Prepared for

Endless Energy, Inc.

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Appendix 1. Counts and Percentages of Survey Items

Q01 How many times have you hiked in this area?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
nq01	First Time	15	7%	10	11%	5	5%
	1	75	37%	23	25%	52	48%
	2-5	50	25%	21	23%	29	27%
	6-10	25	12%	15	16%	10	9%
	11+	28	14%	17	18%	11	10%
	DK-REF	8	4%	7	8%	1	1%
	Total	201	100%	93	100%	108	100%

Q02 How many times have you hiked sections of the Appalachian Trail?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
nq02	First Time	18	9%	14	15%	4	4%
	1	41	20%	18	19%	23	21%
	2-5	40	20%	17	18%	23	21%
	6-10	29	14%	8	9%	21	19%
	11+	57	28%	26	28%	31	29%
	DK-REF	16	8%	10	11%	6	6%
	Total	201	100%	93	100%	108	100%

Q03 Which of the following best characterizes your hiking status?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q03	A day hiker	98	49%	66	71%	32	30%
	An overnight backpacker	38	19%	15	16%	23	21%
	A long distance hiker	19	9%	4	4%	15	14%
	A through hiker	46	23%	8	9%	38	35%
	Total	201	100%	93	100%	108	100%

Q04 Have you participated in any of the following activities in the Sugarloaf/ Carrabassett Valley/ Rang area in the past 12 months?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
\$q04	Snowmobiling	7	3%	3	3%	4	4%
	Cross-country skiing	44	22%	31	33%	13	12%
	Downhill skiing	43	21%	30	32%	13	12%
	Hiking	167	83%	66	71%	101	94%
	Camping	99	49%	35	38%	64	59%
	Canoeing or kayaking	48	24%	25	27%	23	21%
	Fishing	21	10%	10	11%	11	10%
	Hunting/Trapping	9	4%	7	8%	2	2%
	White water rafting	9	4%	4	4%	5	5%
	Bicycling/mountain biking	37	18%	23	25%	14	13%
	Bird watching	28	14%	15	16%	13	12%
	NO ANSWER	27	13%	22	24%	5	5%
	Total	201	100%	93	100%	108	100%

Q05 How many times in the past 12 months have you participated in these kinds of outdoor activities in area?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
nq05	None	3	1%			3	3%
	1	58	29%	13	14%	45	42%
	2-5	49	24%	13	14%	36	33%
	6-10	21	10%	11	12%	10	9%
	11+	37	18%	27	29%	10	9%
	DK-REF	33	16%	29	31%	4	4%
	Total	201	100%	93	100%	108	100%

Q06 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
6. Long distance views of mountain scenery.

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q06	3	5	2%	3	3%	2	2%
	4	10	5%	6	6%	4	4%
	5	28	14%	15	16%	13	12%
	6	49	24%	21	23%	28	26%
	VERY IMPORTANT	108	54%	47	51%	61	56%
	NO ANSWER	1	0%	1	1%		
	Total	201	100%	93	100%	108	100%

Q07 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
7. Physical challenge

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q07	NOT AT ALL IMPORTANT	5	2%	2	2%	3	3%
	2	7	3%	3	3%	4	4%
	3	19	9%	11	12%	8	7%
	4	46	23%	25	27%	21	19%
	5	62	31%	26	28%	36	33%
	6	33	16%	14	15%	19	18%
	VERY IMPORTANT	29	14%	12	13%	17	16%
	Total	201	100%	93	100%	108	100%

Q08 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
8. Solitude

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q08	NOT AT ALL IMPORTANT	3	1%			3	3%
	2	6	3%	3	3%	3	3%
	3	7	3%	3	3%	4	4%
	4	32	16%	10	11%	22	20%
	5	54	27%	28	30%	26	24%
	6	42	21%	18	19%	24	22%
	VERY IMPORTANT	57	28%	31	33%	26	24%
	Total	201	100%	93	100%	108	100%

Q09 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
9. A well-maintained trail footpath

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q09	NOT AT ALL IMPORTANT	2	1%	1	1%	1	1%
	2	8	4%	3	3%	5	5%
	3	21	10%	12	13%	9	8%
	4	32	16%	15	16%	17	16%
	5	49	24%	27	29%	22	20%
	6	47	23%	20	22%	27	25%
	VERY IMPORTANT	42	21%	15	16%	27	25%
	Total	201	100%	93	100%	108	100%

Q10 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
10. Spatial separation from development

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q10	NOT AT ALL IMPORTANT	2	1%	1	1%	1	1%
	2	1	0%			1	1%
	3	3	1%	1	1%	2	2%
	4	13	6%	6	6%	7	6%
	5	40	20%	24	26%	16	15%
	6	49	24%	21	23%	28	26%
	VERY IMPORTANT	93	46%	40	43%	53	49%
	Total	201	100%	93	100%	108	100%

Q11 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
11. Meeting other hikers on the trail

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q11	NOT AT ALL IMPORTANT	22	11%	13	14%	9	8%
	2	24	12%	11	12%	13	12%
	3	31	15%	19	20%	12	11%
	4	39	19%	19	20%	20	19%
	5	39	19%	21	23%	18	17%
	6	20	10%	3	3%	17	16%
	VERY IMPORTANT	23	11%	6	6%	17	16%
	NO ANSWER	3	1%	1	1%	2	2%
	Total	201	100%	93	100%	108	100%

Q12 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
12. Hiking to the top of a 4,000 foot peak

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q12	NOT AT ALL IMPORTANT	15	7%	7	8%	8	7%
	2	9	4%	3	3%	6	6%
	3	21	10%	8	9%	13	12%
	4	25	12%	17	18%	8	7%
	5	41	20%	19	20%	22	20%
	6	35	17%	16	17%	19	18%
	VERY IMPORTANT	55	27%	23	25%	32	30%
	Total	201	100%	93	100%	108	100%

Q13 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
13. A remote, backcountry experience

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q13	NOT AT ALL IMPORTANT	1	0%	1	1%		
	2	9	4%	6	6%	3	3%
	3	7	3%	4	4%	3	3%
	4	16	8%	9	10%	7	6%
	5	34	17%	19	20%	15	14%
	6	70	35%	30	32%	40	37%
	VERY IMPORTANT	64	32%	24	26%	40	37%
	Total	201	100%	93	100%	108	100%

Q14 Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.
14. Natural sights and sounds

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q14	NOT AT ALL IMPORTANT	1	0%	1	1%		
	2	3	1%	2	2%	1	1%
	3	3	1%	1	1%	2	2%
	4	1	0%	1	1%		
	5	20	10%	9	10%	11	10%
	6	49	24%	20	22%	29	27%
	VERY IMPORTANT	123	61%	59	63%	64	59%
	NO ANSWER	1	0%			1	1%
	Total	201	100%	93	100%	108	100%

Q15 Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience. **15. Views of large clear cuts**

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q15	VERY NEGATIVE	75	37%	33	35%	42	39%
	2	45	22%	20	22%	25	23%
	3	41	20%	16	17%	25	23%
	4	19	9%	10	11%	9	8%
	5	11	5%	7	8%	4	4%
	6	8	4%	5	5%	3	3%
	VERY POSITIVE	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q16 Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience. **16. Views of ski trails and facilities**

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q16	VERY NEGATIVE	18	9%	8	9%	10	9%
	2	23	11%	11	12%	12	11%
	3	62	31%	25	27%	37	34%
	4	65	32%	28	30%	37	34%
	5	26	13%	17	18%	9	8%
	6	3	1%	1	1%	2	2%
	VERY POSITIVE	4	2%	3	3%	1	1%
	Total	201	100%	93	100%	108	100%

Q17 Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience. **17. Views of power lines**

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q17	VERY NEGATIVE	46	23%	24	26%	22	20%
	2	34	17%	18	19%	16	15%
	3	61	30%	25	27%	36	33%
	4	38	19%	15	16%	23	21%
	5	16	8%	7	8%	9	8%
	6	5	2%	3	3%	2	2%
	VERY POSITIVE	1	0%	1	1%		
	Total	201	100%	93	100%	108	100%

Q18 Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience. **18. Views of roads**

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q18	VERY NEGATIVE	27	13%	14	15%	13	12%
	2	34	17%	18	19%	16	15%
	3	44	22%	18	19%	26	24%
	4	66	33%	26	28%	40	37%
	5	22	11%	11	12%	11	10%
	6	5	2%	4	4%	1	1%
	VERY POSITIVE	2	1%	1	1%	1	1%
	NO ANSWER	1	0%	1	1%		
	Total	201	100%	93	100%	108	100%

Q19 Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience. **19. Views of industrial facilities such as a biomass generator, paper mill or landfill**

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q19	VERY NEGATIVE	136	68%	58	62%	78	72%
	2	34	17%	19	20%	15	14%
	3	16	8%	10	11%	6	6%
	4	6	3%	1	1%	5	5%
	5	6	3%	4	4%	2	2%
	6	1	0%			1	1%
	VERY POSITIVE	2	1%	1	1%	1	1%
	Total	201	100%	93	100%	108	100%

Q20 Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience. **20. Views of developed areas.**

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q20	VERY NEGATIVE	50	25%	23	25%	27	25%
	2	65	32%	26	28%	39	36%
	3	50	25%	29	31%	21	19%
	4	24	12%	10	11%	14	13%
	5	4	2%	1	1%	3	3%
	6	5	2%	3	3%	2	2%
	VERY POSITIVE	1	0%			1	1%
	NO ANSWER	2	1%	1	1%	1	1%
	Total	201	100%	93	100%	108	100%

Q21 Now, I would like you think about renewable energy sources. Thinking about wind power development in general, please rate how appropriate it is for Maine on a scale of 1 to 7, where 1 means power is generally very inappropriate and 7 means it is generally very appropriate.

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q21	VERY INAPPROPRIATE	4	2%	3	3%	1	1%
	2	3	1%	3	3%		
	3	4	2%	3	3%	1	1%
	4	18	9%	7	8%	11	10%
	5	42	21%	21	23%	21	19%
	6	47	23%	21	23%	26	24%
	VERY APPROPRIATE	67	33%	29	31%	38	35%
	NO ANSWER	16	8%	6	6%	10	9%
	Total	201	100%	93	100%	108	100%

Q22 I would like to have you look at some pictures of views from some locations along the Appalachian Trail and other nearby mountains and get your impressions. I will show you several sets of pictures and ask you to rate the scenic view. This first set of pictures is a view from Saddleback Mountain. Here is the first view. **SHOW SIMULATION OF EXISTING VIEW SADDLEBACK - VIEW #1.** I would like you to rate the scenic value of the view on a scale of 1 to 7 where 1 means the scenic value is VERY LOW and 7 means the scenic value is VERY HIGH.

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q22	3	2	1%			2	2%
	4	2	1%	1	1%	1	1%
	5	25	12%	13	14%	12	11%
	6	45	22%	16	17%	29	27%
	VERY HIGH	124	62%	60	65%	64	59%
	NO ANSWER	3	1%	3	3%		
	Total	201	100%	93	100%	108	100%

Q23 Here is a second picture of the view from Saddleback Mountain. **SHOW SIMULATION OF REDINGTON GENERATORS- SADDLEBACK - VIEW #2.** How do you rate the scenic value of this view?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q23	VERY LOW	4	2%	2	2%	2	2%
	2	9	4%	2	2%	7	6%
	3	13	6%	5	5%	8	7%
	4	31	15%	15	16%	16	15%
	5	60	30%	27	29%	33	31%
	6	46	23%	17	18%	29	27%
	VERY HIGH	35	17%	22	24%	13	12%
	NO ANSWER	3	1%	3	3%		
	Total	201	100%	93	100%	108	100%

Q24 Now I would like you to look at some views from Mount Abraham, which is not on the Appalachian Trail. Again I would like you to rate the scenic value of the views on a scale where 1 means the scenic value is VERY LOW and 7 means the scenic value is VERY HIGH. SHOW THE SIMULATION OF EXISTING CONDITIONS ABRAHAM - VIEW #3. How do you rate this view?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q24	2	1	0%			1	1%
	3	2	1%	1	1%	1	1%
	4	5	2%	1	1%	4	4%
	5	23	11%	12	13%	11	10%
	6	74	37%	33	35%	41	38%
	VERY HIGH	94	47%	44	47%	50	46%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q25 Here is a second picture of the view. SHOW SIMULATION AND MOUNT REDINGTON GENERATORS ABRAHAM - VIEW #4. How do you rate the scenic value of this view on the same scale?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q25	VERY LOW	15	7%	8	9%	7	6%
	2	19	9%	8	9%	11	10%
	3	40	20%	14	15%	26	24%
	4	44	22%	23	25%	21	19%
	5	51	25%	25	27%	26	24%
	6	15	7%	6	6%	9	8%
	VERY HIGH	15	7%	7	8%	8	7%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q26 Now I would like you to look at some views from North Crocker Mountain. Again, I would like you to rate the scenic value of the views on a scale where 1 is VERY LOW and 7 is VERY HIGH. SHOW SIMULATION OF EXISTING CONDITIONS CROCKER - VIEW #5. How do you rate the scenic value of this view?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q26	VERY LOW	1	0%			1	1%
	2	1	0%			1	1%
	4	4	2%	1	1%	3	3%
	5	20	10%	6	6%	14	13%
	6	67	33%	30	32%	37	34%
	VERY HIGH	106	53%	54	58%	52	48%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q27 Here is a second picture of the view from North Crocker Mountain. SHOW SIMULATION OF REDINGTON GENERATORS CROCKER - VIEW #6. How do you rate the scenic value of this one?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q27	VERY LOW	15	7%	8	9%	7	6%
	2	23	11%	11	12%	12	11%
	3	42	21%	13	14%	29	27%
	4	35	17%	13	14%	22	20%
	5	52	26%	33	35%	19	18%
	6	22	11%	7	8%	15	14%
	VERY HIGH	9	4%	5	5%	4	4%
	NO ANSWER	3	1%	3	3%		
	Total	201	100%	93	100%	108	100%

Q28 Now, please look at another picture from North Crocker Mountain. SHOW SIMULATION OF REDINGTON GENERATORS CROCKER BLACK BLADES- VIEW #7. How do you rate the scenic value of this view?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q28	VERY LOW	16	8%	10	11%	6	6%
	2	23	11%	5	5%	18	17%
	3	46	23%	24	26%	22	20%
	4	36	18%	13	14%	23	21%
	5	43	21%	21	23%	22	20%
	6	21	10%	10	11%	11	10%
	VERY HIGH	14	7%	8	9%	6	6%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q29 Now I would like you to look at the view from North Crocker Mountain, but this time in different weather conditions. SHOW SIMULATION OF EXISTING CONDITIONS CROCKER CLOUDY-#8. How do you rate the scenic value of this view?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q29	VERY LOW	2	1%	1	1%	1	1%
	3	2	1%	1	1%	1	1%
	4	8	4%	2	2%	6	6%
	5	31	15%	16	17%	15	14%
	6	57	28%	22	24%	35	32%
	VERY HIGH	99	49%	49	53%	50	46%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q30 Here is a second picture of the view from North Crocker Mountain. SHOW SIMULATION OF REDINGTON GENERATORS CROCKER CLOUDY- VIEW #9. How do you rate the scenic value one?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q30	VERY LOW	19	9%	8	9%	11	10%
	2	24	12%	7	8%	17	16%
	3	44	22%	23	25%	21	19%
	4	36	18%	12	13%	24	22%
	5	47	23%	28	30%	19	18%
	6	18	9%	7	8%	11	10%
	VERY HIGH	9	4%	4	4%	5	5%
	NO ANSWER	4	2%	4	4%		
	Total	201	100%	93	100%	108	100%

Q31 Finally, I would like you to look at some views from Sugarloaf Ski area. SHOW SIMULATION OF EXISTING CONDITIONS SUGARLOAF - VIEW #10. How do you rate this view?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q31	VERY LOW	5	2%	1	1%	4	4%
	2	9	4%	1	1%	8	7%
	3	20	10%	12	13%	8	7%
	4	33	16%	15	16%	18	17%
	5	56	28%	26	28%	30	28%
	6	43	21%	18	19%	25	23%
	VERY HIGH	32	16%	17	18%	15	14%
	NO ANSWER	3	1%	3	3%		
	Total	201	100%	93	100%	108	100%

Q32 Here is a second picture of the view from Sugarloaf Ski area SHOW SIMULATION OF REDINGTON GENERATORS SUGARLOAF VIEW #11. How do you rate the scenic value of this one?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q32	VERY LOW	17	8%	9	10%	8	7%
	2	24	12%	10	11%	14	13%
	3	34	17%	18	19%	16	15%
	4	45	22%	19	20%	26	24%
	5	55	27%	27	29%	28	26%
	6	19	9%	5	5%	14	13%
	VERY HIGH	5	2%	3	3%	2	2%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q33 As you may be aware, a windfarm has been proposed for the Redington Range, between 4 and 7 miles west of Sugarloaf. The wind farm will consist of about 30 wind generators. The photos you just saw depict the views before the generators are installed, and what it will look like if the wind farm is developed. Comparing these "before" views with their after counterpart(s), and thinking about the overall visual change that will result, please rate the visual impact of the Redington wind farm where 1 means it will have a very negative visual impact and 7 means a very positive visual impact.

	Total		Time of Administration			
			October 2003		August 2004	
	Count	%	Count	%	Count	%
Q33 VERY NEGATIVE	22	11%	12	13%	10	9%
2	35	17%	14	15%	21	19%
3	44	22%	22	24%	22	20%
4	42	21%	17	18%	25	23%
5	33	16%	15	16%	18	17%
6	15	7%	6	6%	9	8%
VERY POSITIVE	6	3%	3	3%	3	3%
NO ANSWER	4	2%	4	4%		
Total	201	100%	93	100%	108	100%

Q34 Now, thinking about the quality of your hiking experience here on the Appalachian Trail, please rate the Redington wind farm on a scale of 1 to 7 where 1 means it will have a very negative impact and 7 means it will have a very positive impact on your hiking experience.

	Total		Time of Administration			
			October 2003		August 2004	
	Count	%	Count	%	Count	%
Q34 VERY NEGATIVE	16	8%	9	10%	7	6%
2	25	12%	9	10%	16	15%
3	36	18%	14	15%	22	20%
4	66	33%	33	35%	33	31%
5	24	12%	11	12%	13	12%
6	18	9%	8	9%	10	9%
VERY POSITIVE	12	6%	5	5%	7	6%
NO ANSWER	4	2%	4	4%		
Total	201	100%	93	100%	108	100%

Q35 How will your hiking experience be impacted by the proposed wind farm?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
nq35	Show more development	2	2%			2	2%
	Lessen enjoyment of area, less appealing	4	3%	1	3%	3	3%
	Need to limit development, human activity	1	1%	1	3%		
	Have a negative impact on the land, area	3	2%			3	3%
	Alter the scenic view	34	27%	11	35%	23	25%
	Would hike elsewhere	3	2%	2	6%	1	1%
	Disturb solitude	4	3%	2	6%	2	2%
	Ruin the natural experience	6	5%	1	3%	5	5%
	Don't like affect on view but support wind energy	13	10%			13	14%
	Would be a positive change, good idea	8	6%			8	9%
	No real affect, would tolerate	37	30%	13	42%	24	26%
	Other	8	6%			8	9%
	DK	1	1%			1	1%
	Total	124	100%	31	100%	93	100%

Q36 IF RESPONDENTS SAYS IT WILL HAVE A NEGATIVE IMPACT (1-3) ASK) Assuming that the Redington wind farm were built, what would you say could be done to reduce the visual impact?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
nq36	Color match to scenery or sky (green, blue), camouflage	35	41%	10	31%	25	47%
	Remove impacts of construction once complete (roads, etc.)	4	5%			4	8%
	Minimize blade size	1	1%	1	3%		
	Move to another location where not as visible	9	11%	2	6%	7	13%
	Paint the blades	3	4%	1	3%	2	4%
	Install them closer together	3	4%			3	6%
	Other	15	18%	3	9%	12	23%
	Nothing	11	13%	11	34%		
	DK	2	2%	2	6%		
	No Answer	2	2%	2	6%		
	Total	85	100%	32	100%	53	100%

Q37 Now thinking specifically about the Redington Wind Farm proposal, how appropriate do you feel on a scale where 1 is very INappropriate and 7 is very appropriate.

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q37	VERY INAPPROPRIATE	12	6%	5	5%	7	6%
	2	6	3%	3	3%	3	3%
	3	23	11%	10	11%	13	12%
	4	35	17%	15	16%	20	19%
	5	39	19%	21	23%	18	17%
	6	31	15%	16	17%	15	14%
	VERY APPROPRIATE	30	15%	14	15%	16	15%
	NO ANSWER	25	12%	9	10%	16	15%
	Total	201	100%	93	100%	108	100%

Q38 Now I would like you to think about the possible impact, but factoring in some possible benefits to Redington wind farm. I am going to read a list of factors, after each please rate how appropriate the Redington Wind Farm would be on this same seven point scale where 1 is very INappropriate and 7 is appropriate. The Redington wind farm would generate enough power to supply 33,000 households. Knowing this, how appropriate is the Redington wind farm proposal?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q38	VERY INAPPROPRIATE	13	6%	5	5%	8	7%
	2	7	3%	2	2%	5	5%
	3	15	7%	7	8%	8	7%
	4	26	13%	8	9%	18	17%
	5	26	13%	16	17%	10	9%
	6	49	24%	25	27%	24	22%
	VERY APPROPRIATE	51	25%	23	25%	28	26%
	NO ANSWER	14	7%	7	8%	7	6%
	Total	201	100%	93	100%	108	100%

Q39 The wind farm would help to reduce pollution since it would provide renewable energy. The Redington wind farm would reduce pollution by 600,000 pounds EVERY DAY since its energy would not be generated by other sources. This is by the same amount as taking 19,000 cars off the road. Knowing this, how appropriate is the Mount Redington Range wind farm proposal?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q39	VERY INAPPROPRIATE	4	2%	1	1%	3	3%
	2	6	3%	2	2%	4	4%
	3	11	5%	6	6%	5	5%
	4	14	7%	6	6%	8	7%
	5	25	12%	10	11%	15	14%
	6	50	25%	29	31%	21	19%
	VERY APPROPRIATE	83	41%	36	39%	47	44%
	NO ANSWER	8	4%	3	3%	5	5%
	Total	201	100%	93	100%	108	100%

Q40 The wind farm would help cut the amount of fossil fuels used to generate electricity. The wind farm could save the equivalent of 39,000 gallons of oil EACH DAY, or that carried by 15 heating oil delivery trucks. Knowing this, how appropriate is the Redington wind farm proposal?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q40	VERY INAPPROPRIATE	4	2%	1	1%	3	3%
	2	7	3%	3	3%	4	4%
	3	11	5%	5	5%	6	6%
	4	11	5%	6	6%	5	5%
	5	20	10%	10	11%	10	9%
	6	57	28%	29	31%	28	26%
	VERY APPROPRIATE	83	41%	36	39%	47	44%
	NO ANSWER	8	4%	3	3%	5	5%
	Total	201	100%	93	100%	108	100%

Q41 Age

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Age Categories	18-29	65	32%	20	22%	45	42%
	30-39	30	15%	21	23%	9	8%
	40-49	47	23%	24	26%	23	21%
	50-59	36	18%	20	22%	16	15%
	60+	23	11%	8	9%	15	14%
	Total	201	100%	93	100%	108	100%

Q42 Where do you live?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Location	Maine	73	36%	54	58%	19	18%
	Other New England States	42	21%	13	14%	29	27%
	Other States and Countries	84	42%	25	27%	59	55%
	No Answer	2	1%	1	1%	1	1%
	Total	201	100%	93	100%	108	100%

Q43 Are you a member of club that maintains the Appalachian Trail (such as the Maine Appalachian Club)?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q43	YES	45	22%	15	16%	30	28%
	NO	155	77%	77	83%	78	72%
	NO ANSWER	1	0%	1	1%		
	Total	201	100%	93	100%	108	100%

Q44 Are you a member of the Appalachian Trail Conference?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Member ATC	YES	33	16%	7	8%	26	24%
	NO	165	82%	84	90%	81	75%
	NO ANSWER	3	1%	2	2%	1	1%
	Total	201	100%	93	100%	108	100%

Q45 During the past couple of years have you ever hiked in the area around... The Horn and Saddleback?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q45	YES	88	44%	37	40%	51	47%
	NO	111	55%	54	58%	57	53%
	NO ANSWER	2	1%	2	2%		
	Total	201	100%	93	100%	108	100%

Q45a During the past couple of years have you ever hiked in the area around... Mount Abraham?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q45a	YES	61	30%	33	35%	28	26%
	NO	136	68%	57	61%	79	73%
	NO ANSWER	4	2%	3	3%	1	1%
	Total	201	100%	93	100%	108	100%

Q45b During the past couple of years have you ever hiked in the area around... Crocker Mountain?

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Q45b	YES	72	36%	35	38%	37	34%
	NO	126	63%	56	60%	70	65%
	NO ANSWER	3	1%	2	2%	1	1%
	Total	201	100%	93	100%	108	100%

GEND Gender

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
Gender	Female	61	30%	31	33%	30	28%
	Male	140	70%	62	67%	78	72%
	Total	201	100%	93	100%	108	100%

WEATH Weather

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
WEATH	SUNNY	103	51%	69	74%	34	31%
	PARTLY CLOUDY	59	29%	12	13%	47	44%
	FULL OVERCAST	19	9%	5	5%	14	13%
	RAINY	16	8%	4	4%	12	11%
	NO ANSWER	4	2%	3	3%	1	1%
	Total	201	100%	93	100%	108	100%

VISI Visibility

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
VISI	Clear	136	68%	72	77%	64	59%
	Limited	38	19%	12	13%	26	24%
	Restricted	12	6%	1	1%	11	10%
	Very Restricted	11	5%	5	5%	6	6%
	NO ANSWER	4	2%	3	3%	1	1%
	Total	201	100%	93	100%	108	100%

LOCA Location

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
LOCA	Crocker	88	44%	24	26%	64	59%
	Saddleback	93	46%	49	53%	44	41%
	Sugarloaf	20	10%	20	22%		
	Total	201	100%	93	100%	108	100%

DATINT Date: OCTOBER

		Total		Time of Administration			
				October 2003		August 2004	
		Count	%	Count	%	Count	%
DATINT	3	8	4%	8	9%		
	4	5	2%	5	5%		
	5	8	4%	8	9%		
	6	3	1%	3	3%		
	7	12	6%	12	13%		
	8	8	4%	8	9%		
	9	3	1%	3	3%		
	10	2	1%	2	2%		
	11	14	7%	14	15%		
	12	28	14%	28	30%		
	13	2	1%	2	2%		
	25	16	8%			16	15%
	26	19	9%			19	18%
	27	15	7%			15	14%
	28	18	9%			18	17%
	29	14	7%			14	13%
	30	10	5%			10	9%
	31	16	8%			16	15%
	Total	201	100%	93	100%	108	100%

Appendix 2. Verbatim Responses to Open-ended Items

Q35: How will your hiking experience be impacted by the proposed wind farm?

30000	Oct	Visually it will show more development, which equals less solitude. More visual intrusion.
30001	Oct	We wouldn't enjoy, not what we're here for.
30004	Oct	The only thing is an access road, be minimal.
30005	Oct	It really shouldn't be.
30006	Oct	Construction will intrude on the land and impact the trail, trash, cigarette butts, coffee cups will be left. Road will be built to get equipment to the site-it will change.
30007	Oct	Not really effected - It's not a negative, even if they are there, I'd enjoy my hike.
30008	Oct	Make it less appealing - less back to nature of what people come back her for!
30009	Oct	It will change the view!
30010	Oct	It will change the vista!
30011	Oct	It will not be the same; it will deter the beauty of the region.
30012	Oct	Not really, I'd go to the same places. I'd learn to live with it.
30013	Oct	It will be less enjoyable!
30014	Oct	Not really changed at all!
30015	Oct	It will change somewhat-less scenic.
30016	Oct	I realize wind farms are a necessity to preserve the environment. I don't want to see them but better than nuclear power. I'll put up with it but don't necessarily like it.
30017	Oct	Very little or no effect.
30018	Oct	They won't impact me that much. I'm in favor of alternative energy source like the wind.
30019	Oct	It will fundamentally change my view and that of others as well.
30020	Oct	Not much at all. Changes the view occasionally but I can live with it.
30021	Oct	Not much! Spoils the view but there are a lot of new views. Given our need for alternate energy. It shouldn't make much difference. I can live with it.
30022	Oct	They will not affect my experience (wind towers). Transport is another issue.
30023	Oct	The view will be changed in a negative way!
30024	Oct	Well it's going to decrease the natural quality of the view, there's no way its going to improve the view.
30025	Oct	Mainly just by looking at something that's not natural.
30026	Oct	I don't think it will impact it at all.
30027	Oct	It won't.
30028	Oct	Negatively, I like to take photographs, it would interfere with my photos.
30029	Oct	Well it's probably just what it does to the view, the higher you go the more you see them, I've seen them in Europe.
30030	Oct	Basically I 100% support the concept of wind energy. I just don't like the looks.
200000	Oct	It's going to impact my view. The whole purpose of hiking is to see nature. As much as I support renewable energy, the windmills will ruin that for me.
200001	Oct	Still be alright, but not the same natural wonder experience.
200002	Oct	The important qualities of avoiding development; keeping wilderness quality.
200003	Oct	Less scenic.
200004	Oct	Just the scenic value would be lessened.
200005	Oct	Toss up. Thinking about renewable energy; but how effective would it be compared to other energy sources, and what kind of impact would it have on the natural environment.

200006	Oct	It won't.
200007	Oct	It will affect quality of view.
200008	Oct	Mixed thing - I would clearly see it but I very much appreciate renewable energy-so weighing it all I would appreciate seeing the windmills.
200009	Oct	Those views in photos are distant views, if one were to come up close it would move from visual to visceral impact.
200013	Oct	Generally demise of natural view.
200014	Oct	It makes no difference as long as I don't see high power lines or nuclear power plants.
200015	Oct	I go to see nature, that's not what I want to see there.
200017	Oct	I don't think it would be impacted at all.
200018	Oct	We would probably go elsewhere.
200023	Oct	It won't at all.
200024	Oct	No impact on my hiking, just a change in scenery.
200025	Oct	Visually it will detract from it.
200026	Oct	Maine is such a beautiful state, so rustic, I'd hate to see those on the top of mountains.
200027	Oct	Maine is very unique in that the Appalachian Trail in Maine has very little views of development. Installing wind farms would significantly change that.
200028	Oct	After hiking to the top of a mountain, the last thing I want to see is something built on the top.
200029	Oct	Hiking in Maine is great because of the solitude and aesthetics. I'm all for wind power but not installing it in areas along The Appalachian Trail.
200030	Oct	Very little, my thinking won't be affected.
200031	Oct	The view will be affected as the objects will be in plain sight.
200032	Oct	Just visual distraction.
200033	Oct	Nothing
200034	Oct	Aesthetically by seeing them.
200035	Oct	It would ruin the pristine view seen along the trail.
200036	Oct	Nothing I can think of.
200037	Oct	I won't enjoy seeing the "smokestacks" up on top of a mountain.
20000	Oct	Will have a negative visual impact.
20001	Oct	Visual, just seeing them, otherwise no impact.
20002	Oct	They would ruin the solitude of the area because of the visual impact they would have.
20003	Oct	It won't be affected.
20004	Oct	Very little impact. There will still be good views, just another minimal disruption on the landscape like houses, ski trails and roads.
20005	Oct	Primarily, the effect it will have on the scenery.
20006	Oct	No impact.
20007	Oct	The quality of the view would be diminished.
20008	Oct	I don't want to see them but I understand the need for alternative energy.
20009	Oct	No impact.
20010	Oct	Will not be affected at all.
20011	Oct	No affect.
20012	Oct	No impact.
20013	Oct	I'll probably hike in areas further away from where the wind farms are.
20014	Oct	No impact.
20015	Oct	Not as enjoyable.
20016	Oct	It wouldn't have the natural experience anymore.
20017	Oct	I would avoid those trails from which views of the wind farms could be seen.
20018	Oct	No impact.

20019	Oct	It would affect my viewing the countryside.
20020	Oct	Feeling of less remoteness.
20021	Oct	Very little.
20022	Oct	Nothing.
20023	Oct	Trails will loose their pristine nature.
10000	Aug	Development must be developed and maintained. Distracts from wilderness effect.
10002	Aug	Wind energy is positive, helping to preserve what is out here. Better then other things.
10004	Aug	Would these be noisy?
10005	Aug	I feel that I am in a quiet factory that eats birds.
10006	Aug	Pristine Views diminished somewhat.
10007	Aug	Sounds and Scenery.
10008	Aug	A primitive, undeveloped views and vistas especially in Maine, the least developed part of the 2000 mile, would be severely worsened. Even if pollution is limited the views become obstructed by these towers.
10009	Aug	Hike to get away from development, it will be so obvious in many views, didn't get to top to look at windmills.
10011	Aug	Yuck, pourly
10013	Aug	It will be visible from numerous viewpoints which is a little depressing but it's also inspiring to see alternate forms of energy being developed.
10014	Aug	I will not feel like I am in a remote environment.
10015	Aug	In the long term my hiking experience would be improved because the wind farm will reduce the amount of air pollution giving clear views anyway. I think windmills look cool I wouldn't mind them at all.
10016	Aug	It would lessen the feeling of remoteness of the trail, but if you think of the AT as a whole, there are many more unsightly things to look at on the AT.
10017	Aug	Not much at all. The AT is both forest and city. A power source that does not pollute the air does more for me than a nice view.
10018	Aug	Seeing it means I'm not far from development.
10019	Aug	Someone is doing something besides drilling oil, this is a good thing.
10021	Aug	The long range views on this area are among the best along the whole AT. It would be a shame to ruin those views.
10025	Aug	Not very much
10040	Aug	The view would be impacted. Maine is one of the few states with unobstructed views. Putting in the wind tunnels would ruin the scenery.
10041	Aug	Only if I had to hike to get around them and get tangled up in wires.
10042	Aug	Unappealing, a clash between the environment and technology.
10043	Aug	Nothing at all.
10044	Aug	I wouldn't hike where they were located.
10045	Aug	When climbing a mountain the least thing you want to see are people at the site where the wind generators, smoking cigarettes and tour buses of tourists.
10046	Aug	Not at all.
10048	Aug	It will be disappointing because it negatively impacts the view.
10050	Aug	The visual impact would be a negative. There are few acres in Maine where there is no development. Putting wind farms would negatively affect the views.
10051	Aug	I like the wilderness and the unobstructed views. The wind towers would change that.
10052	Aug	No impact
10053	Aug	The windmills would be visible diminishing from the natural beauty of landscape.
10054	Aug	I would not like to see the windmills but I can tolerate them. Knowing the trade off (no pollution, uncertain oil cost).

10055	Aug	My only concern would be birds being mutilated by the blades.
10056	Aug	It would be detrimental because I'm hiking to see the wilderness.
10057	Aug	I have no problems with wind farms. Other forms of development like roads, industrial facilities bother me but the trade off of installing wind farms resulting in less pollution is worth seeing the windmills.
10058	Aug	I am not thrilled to see windmills on mountain peaks but I'm in favor of wind power over fossil fuels.
10059	Aug	The infrastructure that would be associated with them (maintenance vehicles and the resulting exhaust fumes and the noise level of the blades) if that could be heard 1/4 mile from their sites.
10060	Aug	Although it would be disruptive to the natural wilderness beauty it would serve a worth while purpose and unlike clear cuts, power lines, I wouldn't find it that objectionable.
10061	Aug	I wouldn't want to see them but I could
10062	Aug	Will have no affect at all.
10063	Aug	Not at all.
10064	Aug	No impact.
10065	Aug	A loss of a sense of being isolated from development.
20000	Aug	It won't impact much, the A.T. keeps us down low enough so we don't see much anyway.
20001	Aug	No impact on the experience I may not even see them at all.
20002	Aug	We'll see them (windmills), but no impact on our hiking.
20003	Aug	It will have some negative impact but at least it's beneficial and it is for a good energy source, but it's worth the compromise. The negative impact is on the scenery.
10066	Aug	It would affect the solitude, when you see windmills the beauty will be reduced considerably.
10067	Aug	I would still hike the area but with the windmills. The scenic views would be adversely affected.
10068	Aug	My view of the scenery would be hampered by the windmills.
20004	Aug	It's normal, it's time to use nature to harness energy and I think we need to think more along those lines it will make one think positively and give me a positive experience.
20005	Aug	It would change the view I go to see and completely ruin the natural view.
20006	Aug	It won't change the experience, the view would be distorted but the Appalachian Trail experience wouldn't change.
20007	Aug	It won't at all.
20008	Aug	It changes the natural environment, I don't know! I'm not from here so I just move through anyway.
20009	Aug	Not by much, I guess.
20010	Aug	Very little actually.
10069	Aug	It would change the view, it is just where they are located. How they are positioned and what colors they are to hide them as best as possible.
10070	Aug	Very little since I am in favor of wind power. I am willing to accept the trade off. Minimize tree cuts around it if possible. Place in areas that have already been cleared.
10071	Aug	Only if the trails I hike were affected by rerouting and making them less accessible.
20011	Aug	The farm will provide a severely negative visual impact on the views from Saddleback Mtn. If noise accompanies operation of the wind farm the impact will further degrade any wilderness experience. It will also be impacted by construction changes for road and power lines associated with land reform. Right idea, wrong location.

20012	Aug	It will ruin the natural surroundings. Are they loud? Natural land will be used to put them up, upsets me to see any type of infringement on nature. If they are loud then that is noise pollution, too!
20013	Aug	It won't affect the Appalachian Trail experience, just the view.
20014	Aug	I guess I would hear them, no less see them and this is not part of the normal make up but it is good to know they would help the normal energy cause.
10072	Aug	You want to see natural surroundings. The windmills would be an eyesore if they are built. Find a color so that the windmills blend into the surroundings.
10073	Aug	Minimal impact it's a tradeoff of seeing wind towers or dependence on and the pollution of oil and gas. Locating them lower on mountains and painting them sky blue or green.
10074	Aug	Seeing them would disrupt the views of wilderness.
10075	Aug	You would always see them while you were hiking. They would distract from the wilderness feel and look.
10076	Aug	I wouldn't want to see them while hiking.
20015	Aug	I don't think it's a question of impacting hiking but rather the land they are on and how it will affect nature in general.
20016	Aug	It would have no serious effect on my experience.
20017	Aug	It ruins the views you go on the Appalachian Trail to see in the first place.
20018	Aug	It won't much, just the view, but what choice do we have in that?
20019	Aug	It would be good to see them and know that good is being done with them, we need alternative fuel.
20020	Aug	It won't at all!
20021	Aug	It won't impact the hike, but seeing the windmills would let me know we are doing what needs to be done to help the environment.
20022	Aug	It wouldn't be improved, just happy to see alternative fuel sources being used. It would make me feel good to know we are pursuing green energy.
20023	Aug	Not at all.
10077	Aug	I believe in wind power I know it has to go on top of mountains so even though they are not pleasant to see they are necessary. From a distance they look white from above. Try to camouflage them.
10078	Aug	Significantly reduced by seeing the wind farms.
10079	Aug	No impact.
20024	Aug	It would take the joy out of hiking.
20025	Aug	I don't want to see these wind farms, it detracts from the scenery.
20026	Aug	I can tolerate them, I favor wind power.
20027	Aug	I wouldn't like looking at them but I understand the need for alternative energy.
3	Aug	I'm not sure of the potential benefits.
5	Aug	Not impacted. I love the concept, hate the looks.
6	Aug	No visual impact.
7	Aug	Negative
8	Aug	Id rather not see it, but I'll gladly take it for clean power.
10	Aug	I will enjoy seeing where our power comes from and I don't feel it will be unpleasant at all to look at.
11	Aug	Don't know
13	Aug	After hiking 1200 miles I have to say one wind generator farm wouldn't affect my opinion very negatively. I would rather see it than dams and coal power plants.
14	Aug	Negligible.

Q36: Assuming that the Redington wind farm were built, what would you say could be done to reduce the visual impact?

30000	Oct	No idea.
30001	Oct	Don't put them on the ridge line. Color to match environment.
30005	Oct	As long as the construction is minimal and repaired when construction is completed.
30006	Oct	Use clear plastic - camouflage colors for base.
30010	Oct	On the trail, I don't want to look at Windmills at all!
30011	Oct	Blow it up!
30012	Oct	Find some way to minimize the huge paddles.
30013	Oct	Find a better place where they could not be seen that clearly.
30015	Oct	Don't know - make them less noticeable, say green to blend into the scenery or white for winter.
30019	Oct	Hide them behind large trees.
30023	Oct	I've seen wind towers in California, they are ugly and very noisy. Nothing can be done to lessen the visual impact!
30024	Oct	I'm not really qualified to say that, the only other place I've seen wind farms was in South California, totally different experience because it was desert.
30025	Oct	I don't know.
30028	Oct	Not really, I don't think color would really change anything.
30029	Oct	To put them where the view is least appealing in the 1st place.
30030	Oct	Maybe paint the blades, the colored blades in the photos weren't as obvious.
200000	Oct	If they could be way further back on the horizon. Colors that would be camouflaged somehow on the mountains maybe blue.
200003	Oct	Try to make it blend in.
200007	Oct	Coloring - maybe some sort of camouflage or build close to other areas of development, like ski slopes, get an environmental designer.
200012	Oct	Mostly generators are sharply attuned and hidden in relation to the natural landscape.
200013	Oct	Fewer propellers.
200015	Oct	Could they be hidden from trail? One or two is OK but we see a line from the trail.
200018	Oct	If it is there and we don't see it. If there are trails more remote where it cannot be seen.
200020	Oct	I don't think you could do anything for that. I'd worry more about birds hitting it then visual impact.
200023	Oct	I don't think there is anything that can be done. They need to be exposed to the wind.
200025	Oct	Nothing, if the wind farm is built it must reach high enough to be effective.
200026	Oct	Since they have to be erected tall to work, I don't know what could be done.
200027	Oct	I don't think anything could be done.
200028	Oct	Somehow camouflage them.
200029	Oct	I don't think anything could be done.
200030	Oct	Paint them green or another color that doesn't "jump out" at you.
200031	Oct	Don't construct them on the top if possible, otherwise paint them green.
200032	Oct	Nothing
200033	Oct	Paint them green.
200035	Oct	Build them in developed areas.
200036	Oct	Paint them evergreen or better yet plant evergreens around them.
200037	Oct	Nothing I can think of.
20000	Oct	Camouflage them, perhaps plant trees around them.
20001	Oct	Put no lights on them, paint them green.
20002	Oct	Nothing.
20003	Oct	Nothing

20004	Oct	Choosing a color that blends in with the surroundings.
20005	Oct	Paint them a color that would reduce the impact.
20006	Oct	Paint them green.
20008	Oct	Paint them green.
20009	Oct	Paint them green.
20010	Oct	Paint them green.
20011	Oct	Paint them a color to "mask" them somewhat.
20012	Oct	Make them look like trees.
20013	Oct	Paint them a sky color.
20014	Oct	Plant trees around them.
20015	Oct	Paint them green.
20016	Oct	Nothing.
20017	Oct	Changing the colors to blue or green and make them shorter.
20018	Oct	Paint them neutral colors.
20019	Oct	Nothing.
20020	Oct	Nothing.
20021	Oct	Color them green or brown.
20022	Oct	Install below ridge line.
20023	Oct	Install them closer together.
10001	Aug	Using more environmentally sensitive materials.
10002	Aug	No way to camouflage, don't make them look like trees.
10003	Aug	Paint windmills a color that will blend in with the environment. Don't want a close view of windmills.
10004	Aug	Takes away from the natural tree line.
10005	Aug	I don't know, off the ridge lines? In place of ski area.
10006	Aug	Change color to blend in with background more.
10007	Aug	Put at ski area.
10008	Aug	Shorter wind towers.
10010	Aug	Looks ok as is.
10013	Aug	Not much that I can imagine being done aside from the least obtrusive color.
10014	Aug	Plant trees around it.
10015	Aug	It would be nice to know cost benefit analysis to determine how appropriate it is.
10016	Aug	Try to use areas that are mountain tops but not visible from trails.
10018	Aug	Shape them like trees.
10021	Aug	Make them invisible.
10025	Aug	Trees
10040	Aug	Locate them away from the trails. Paint them forest green.
10041	Aug	Make them look like trees.
10043	Aug	Nothing for me, it has no impact.
10045	Aug	Do not place on ridge lines rather on lower areas, like valleys.
10046	Aug	Don't build roads or clear tracts of land around it.
10047	Aug	The blades. Put a color on, will mask their "shine".
10048	Aug	Make them transparent so they are not visible.
10052	Aug	Use a color that would mask them like green.
10053	Aug	Use colors that blend into the surrounding area.
10057	Aug	Use a masking color like gray.
10059	Aug	Painting them a non-reflective color.
10060	Aug	No clear cuts or access roads.

10061	Aug	Make the structure less shiny.
10062	Aug	On those areas on trails where there are over views, trees, shrubs cut back to allow better viewing. Allow them to grow back to hide views of windmills.
10064	Aug	Camouflage them, use a color like sky blue or green.
10067	Aug	Paint them a color that would reduce their visibility.
10068	Aug	Build the arms of the windmills so they look like tree limbs with leaves attached.
20004	Aug	I don't have any idea I don't mind it as they seem in the pictures.
20005	Aug	Not have them at all, I am very opposed to this idea.
20007	Aug	Different colors, maybe brown or green.
20009	Aug	Other locations where the AT doesn't go through.
20010	Aug	Put them in other places we can't see.
20011	Aug	That I don't know, another color might help.
20012	Aug	If they have to be there maybe fewer or two on one stick.
20013	Aug	Maybe they could change the color, green.
20014	Aug	My only thought is, color change.
10075	Aug	Propellers change colors to reflect surroundings like sky and trees.
10076	Aug	Put them in areas that are less visible.
20015	Aug	Like I said, if they have to be there, there isn't much you can do, I guess only paint them green or make them short.
20017	Aug	Make them look like pine trees.
20019	Aug	I don't think they need to be reduced really.
20024	Aug	Place as many as possible in single areas so it doesn't impact the whole range.
20026	Aug	Try to isolate, hide them as much as possible.
7	Aug	Use helicopters, not cut roads. Use the color green.
9	Aug	Make them less spread out along mountain tops. What about noise factor?
12	Aug	Green Blades, camouflage.
13	Aug	Paint them green or sky blue to camouflage them.

Appendix 3. Survey Questionnaire

Survey No. _____

Group Size _____

Hiker Survey – Mt. Redington Visual Analysis

Good morning (afternoon). My name is _____. I work for Market Decisions, an independent research firm in South Portland Maine. We're conducting a survey of hikers in this part of the state. May I ask you some questions about your hiking experience and a proposed wind energy project? It will take about 12 minutes. Are you hiking today? (*IF NO THANK AND TERMINATE*)

1. How many times have you hiked in this area? _____
2. How many times have you hiked sections of the Appalachian Trail? _____
3. Which of the following best characterizes your hiking status?

<input type="checkbox"/>	A day hiker
<input type="checkbox"/>	An overnight backpacker (maximum 4 nights)
<input type="checkbox"/>	A long distance hiker (5 or more nights)
<input type="checkbox"/>	A through hiker who is doing the entire Appalachian trail this year

4. Have you participated in any of the following activities in the Sugarloaf/Carrabassett Valley/ Rangelley area in the past 12 months? READ LIST AND CHECK ALL THAT APPLY

<input type="checkbox"/>	Snowmobiling
<input type="checkbox"/>	Cross-country skiing
<input type="checkbox"/>	Downhill skiing
<input type="checkbox"/>	Hiking
<input type="checkbox"/>	Camping
<input type="checkbox"/>	Canoeing or kayaking
<input type="checkbox"/>	Fishing
<input type="checkbox"/>	Hunting/Trapping
<input type="checkbox"/>	White water rafting
<input type="checkbox"/>	Bicycling/mountain biking
<input type="checkbox"/>	Bird watching

5. How many times in the past 12 months have you participated in these kinds of outdoor activities in this area? _____

Now I'd like you to think about what contributes to the quality of your hiking experience. I'm going to read you a list of factors, and I'd like you to rate how important each factor is to your overall recreation experience as a hiker. Please rate each factor on a scale of 1 to 7 where 1 is not at all important and 7 is very important.

	Very Low						Very High
6. Long distance views of mountain scenery.	1	2	3	4	5	6	7
7. Physical challenge	1	2	3	4	5	6	7
8. Solitude	1	2	3	4	5	6	7
9. A well-maintained trail footpath	1	2	3	4	5	6	7
10. Spatial separation from development	1	2	3	4	5	6	7
11. Meeting other hikers on the trail	1	2	3	4	5	6	7
12. Hiking to the top of a 4,000 foot peak	1	2	3	4	5	6	7
13. A remote, backcountry experience	1	2	3	4	5	6	7
14. Natural sights and sounds	1	2	3	4	5	6	7

Hikers on the Appalachian Trail and other trails see evidence of human activity. I'm going to read you a list of things hikers may see from the trail. Please rate the impact of each factor on the quality of your hiking experience. Again, we'll use the 1 to 7 scale where 1 means the factor will have a very negative impact and 7 means a very positive impact on your hiking experience.

	Very Negative				Very Positive			
15. Views of large clear cuts	1	2	3	4	5	6	7	
16. Views of ski trails and facilities	1	2	3	4	5	6	7	
17. Views of power lines	1	2	3	4	5	6	7	
18. Views of roads	1	2	3	4	5	6	7	
19. Views of industrial facilities such as a biomass generator, paper mill or landfill	1	2	3	4	5	6	7	
20. Views of developed areas.	1	2	3	4	5	6	7	

21. Now, I would like you think about renewable energy sources. Thinking about wind power development in general, please rate how appropriate it is for Maine on a scale of 1 to 7, where 1 means wind power is generally very INappropriate and 7 means it is generally very appropriate.

Very INappropriate					Very Appropriate		DO NOT READ Don't Know
1	2	3	4	5	6	7	9

Wind power offers Maine the opportunity to develop a cleaner, more sustainable source of energy. However, if wind farms are developed, they will become a visible part of the mountain scenery from some places along the Appalachian Trail and other trails in the western mountains of Maine.

I'd like to have you look at some pictures of views from some locations along the Appalachian Trail and other nearby mountains and get your impressions. I will show you several sets of pictures and ask you to rate the scenic view. This first set of pictures is a view from Saddleback Mountain. Here is the first view.

SHOW SIMULATION OF EXISTING VIEW SADDLEBACK – VIEW #1.

I'd like you to rate the scenic value of the view on a scale of 1 to 7 where 1 means the scenic value is VERY LOW and 7 means the scenic value is VERY HIGH. How do you rate the scenic value of this view? (RECORD BELOW 22)

Here is a second picture of the view from Saddleback Mountain.

SHOW SIMULATION OF REDINGTON GENERATORS- SADDLEBACK – VIEW #2.

How do you rate the scenic value of this one? (RECORD BELOW 23)

Scenic Value	Very Low						Very High	
22. First View/Saddleback	1	2	3	4	5	6	7	
23. Second View/Saddleback	1	2	3	4	5	6	7	

Now I'd like you to look at some views from Mount Abraham, which is not on the Appalachian Trail. Again I'd like you to rate the scenic value of the views on a scale where 1 means the scenic value is very low and 7 means the scenic value is very high.

SHOW THE SIMULATION OF EXISTING CONDITIONS ABRAHAM – VIEW #3.

How do you rate this view? (RECORD BELOW 24)

Here is a second picture of the view.

SHOW SIMULATION AND MOUNT REDINGTON GENERATORS ABRAHAM – VIEW #4.

How do you rate the scenic value of this view on the same scale? (RECORD BELOW 25)

Scenic Value	Very Low						Very High
24. First View/Abraham	1	2	3	4	5	6	7
25. Second View/ Abraham	1	2	3	4	5	6	7

Now I'd like you to look at some views from North Crocker Mountain. Again, I'd like you to rate the scenic value of the views on a scale where 1 is very low and 7 is very high.

SHOW SIMULATION OF EXISTING CONDITIONS CROCKER – VIEW #5.

How do you rate the scenic value of this view? (RECORD BELOW 26)

Here is a second picture of the view from North Crocker Mountain.

SHOW SIMULATION OF REDINGTON GENERATORS CROCKER – VIEW #6.

How do you rate the scenic value of this one? (RECORD BELOW 27)

Scenic Value	Very Low						Very High
26. First View/Crocker	1	2	3	4	5	6	7
27. Second View/Crocker	1	2	3	4	5	6	7

Now, please look at another picture from North Crocker Mountain.

SHOW SIMULATION OF REDINGTON GENERATORS CROCKER BLACK BLADES– VIEW #7.

How do you rate the scenic value of this view? (RECORD BELOW 28)

Scenic Value	Very Low						Very High
28. Third View/Crocker	1	2	3	4	5	6	7

Now I would like you to look at the view from North Crocker Mountain, but this time in different weather conditions.

SHOW SIMULATION OF EXISTING CONDITIONS CROCKER CLOUDY– VIEW #8.

How do you rate the scenic value of this view? (RECORD BELOW 29)

Here is a second picture of the view from North Crocker Mountain.

SHOW SIMULATION OF REDINGTON GENERATORS CROCKER CLOUDY– VIEW #9.

How do you rate the scenic value of this one? (RECORD BELOW 30)

Scenic Value	Very Low						Very High
29. First View/Crocker cloudy	1	2	3	4	5	6	7
30. Second View/Crocker cloudy	1	2	3	4	5	6	7

Finally, I'd like you to look at some views from Sugarloaf Ski area.

SHOW SIMULATION OF EXISTING CONDITIONS SUGARLOAF – VIEW #10.

How do you rate this view? (RECORD BELOW 31)

Here is a second picture of the view from Sugarloaf Ski area

SHOW SIMULATION OF REDINGTON GENERATORS SUGARLOAF VIEW #11.

How do you rate the scenic value of this one? (RECORD BELOW 32)

Scenic Value	Very Low						Very High	
31. First View/Sugarloaf	1	2	3	4	5	6	7	
32. Second View/Sugarloaf	1	2	3	4	5	6	7	

As you may be aware, a windfarm has been proposed for the Redington Range, between 4 and 7 miles west of Sugarloaf . The wind farm will consist of about 30 wind generators. The photos you just saw depict the views before the generators are installed, and what it will look like if the wind farm is developed .

33. Comparing these “before” views with their “after” counterpart(s), and thinking about the overall visual change that will result, please rate the visual impact of the Redington wind farm where 1 means it will have a very negative visual impact and 7 means a very positive visual impact.

Very Negative Impact					Very Positive Impact		DO NOT READ Don't Know
1	2	3	4	5	6	7	9

34. Now, thinking about the quality of your hiking experience here on the Appalachian Trail, please rate the Redington wind farm on a scale of 1 to 7 where 1 means it will have a very negative impact and 7 means it will have a very positive impact on your hiking experience.

Very Negative Impact					Very Positive Impact		DO NOT READ Don't Know
1	2	3	4	5	6	7	9

IF RESPONDENT SAYS IT WILL HAVE A SIGNIFICANT IMPACT (1-2 OR 6-7), POSITIVE OR NEGATIVE, ASK Q36 AND RECORD RESPONSE VERBATIM.

35. How will your hiking experience be impacted by the proposed wind farm?

IF RESPONDENTS SAYS IT WILL HAVE A NEGATIVE IMPACT (1-3) ASK

36. Assuming that the Redington wind farm were built, what would you say could be done to reduce the visual impact?

37. Now thinking specifically about the Redington Wind Farm proposal, how appropriate do you feel it is on a scale where 1 is very INappropriate and 7 is very appropriate.

Very INappropriate				Very Appropriate			DO NOT READ Don't Know
1	2	3	4	5	6	7	9

Now I would like you to think about the possible impact, but factoring in some possible benefits to the Redington wind farm. I am going to read a list of factors, after each please rate how appropriate the Redington Wind Farm would be on this same seven point scale where 1 is very Inappropriate and 7 is very appropriate.

38. The Redington wind farm would generate enough power to supply 33,000 households. Knowing this, how appropriate is the Redington wind farm proposal?

Very INappropriate					Very Appropriate		DO NOT READ Don't Know
1	2	3	4	5	6	7	9

39. The wind farm would help to reduce pollution since it would provide renewable energy. The Redington wind farm would reduce pollution by 600,000 pounds EVERY DAY since its energy would replace that generated by other sources. This is by the same amount as taking 19,000 cars off the road. Knowing this, how appropriate is the Mount Redington Range wind farm proposal?

Very INappropriate					Very Appropriate		DO NOT READ Don't Know
1	2	3	4	5	6	7	9

40. The wind farm would help cut the amount of fossil fuels used to generate electricity. The wind farm could save the equivalent of 39,000 gallons of oil EACH DAY, or that carried by 15 heating oil delivery trucks. Knowing this, how appropriate is the Redington wind farm proposal?

Very INappropriate					Very Appropriate		DO NOT READ Don't Know
1	2	3	4	5	6	7	9

Finally, can I ask you a few questions about yourself for statistical purposes?

41. How old are you? _____

42. Where do you live? _____

43. Are you a member of club that maintains the Appalachian Trail (such as the Maine Appalachian Trail Club)?

IF YES, SPECIFY WHICH ONE.

<input type="checkbox"/>	YES _____
<input type="checkbox"/>	NO

44. Are you a member of the Appalachian Trail Conference?

<input type="checkbox"/>	YES
<input type="checkbox"/>	NO

45. During the past couple of years have you ever hiked in the area around...

	Yes	No
The Horn and Saddleback?	<input type="checkbox"/>	<input type="checkbox"/>
Mount Abraham?	<input type="checkbox"/>	<input type="checkbox"/>
Crocker Mountain?	<input type="checkbox"/>	<input type="checkbox"/>

Thank you for your time. We appreciate your assistance.
END OF SURVEY. INTERVIEWER – RECORD OBSERVATIONS

Gender	<input type="checkbox"/>	Female	<input type="checkbox"/>	Male
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Weather	<input type="checkbox"/>	Sunny	<input type="checkbox"/>	Partly Cloudy	<input type="checkbox"/>	Hazy, Foggy	<input type="checkbox"/>	Full Overcast	<input type="checkbox"/>	Rainy
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Visibility	<input type="checkbox"/>	Clear	<input type="checkbox"/>	Limited	<input type="checkbox"/>	Restricted	<input type="checkbox"/>	Very Restricted	<input type="checkbox"/>
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Location	<input type="checkbox"/>	Crocker	<input type="checkbox"/>	Saddleback	<input type="checkbox"/>	Sugarloaf
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Date: October _____

Time: _____ AM / PM