Efficiency Vermont
your resource for energy savings

Efficiency Vermont Annual Report 2001

Reflecting Adjustments from Savings Verification Process

August 30, 2002

This supplementary report is submitted August 30, 2002 to the Vermont Public Service Board, the Efficiency Vermont Advisory Committee, the Efficiency Vermont Contract Administrator, and the Vermont Department of Public Service. The tables contained in this report reflect final adjustments to year 2001 savings as reported by the Contract Administrator to the Vermont Public Service Board. The tables have been generated directly from adjusted data contained in the Efficiency Vermont data tracking system. The savings adjustments will be reflected in all reports generated by Efficiency Vermont after August 30, 2002.

EFFICIENCY VERMONT 2001

A Year of Progress and Success

Today, a farm family in Essex County is saving $800 a year on electric bills. Fifty miles south, a Caledonia County manufacturing plant operator is improving the company's bottom line at a rate of $14,000 a year with an improved lighting system. And in Windham County, a grocer is decreasing annual electric expenses by $51,500, thanks to high-efficiency refrigeration equipment.

These are just three of the 30,971 households and businesses that took advantage of Efficiency Vermont's technical advice and financial assistance in 2001. Together, they will save 36,894 MWh annually – as much electricity as 8,500 Vermont households use in a year. At current electric rates, they are expected to collectively save $3,573,501 this year on their electric bills because of energy efficiency actions they took in 2001.

In all, 2001 was a year of great energy efficiency achievements - for Efficiency Vermont and for all Vermonters. Efficiency Vermont exceeded its energy savings, capability development, service and quality objectives for the year. Ultimately, 2001 was a success for both the state's environment, which benefits from a reduction in pollution, and for the state's economy, which is strengthened when people lower their energy expenses and increase their spending power.

For years to come, Vermont will reap the benefits of Efficiency Vermont's 2001 activities. Efficient products and practices first put into use in 2001 will continue to save energy costs every year, for an average savings life of approximately 15 years. From this perspective, the total economic benefit of year 2001 energy efficiency investments is $23.8 million.

This year's results build upon the foundation of savings that Vermonters continue to receive from Efficiency Vermont's Year 2000 activities. Combined, Efficiency Vermont's 2000 and 2001 actions result in 59,688 MWh of annual saved electricity. This is 71% of the three-year MWh savings goal established by the Vermont Public Service Board as a key indicator of Efficiency Vermont's performance.

Vermont's "Invisible Power Plant" Continues to Increase Capacity

When Vermont saves electricity through energy efficiency, less electricity needs to be generated. So, Efficiency Vermont can be viewed as an "invisible power plant" to meet the state's electric needs.

Efficiency Vermont's savings results to date are comparable to power plant output of 11.7 MW during the state's peak winter demand period and of 6.2 MW at summer peak. The 59,688 MWh saved by this "invisible power plant" is about the same as the amount of electricity generated by the three hydroelectric dams on the lower Winooski River in a year.

That's enough energy to meet the electrical needs of all the households in Rutland.

This report provides a narrative summary of Efficiency Vermont's 2001 activities, expenditures and savings, both overall and for each program. This is supported by detailed tables of cost and savings data, presented by market sector, program, county, utility, end-use, and type of efficiency measures installed. At the close of two highly successful years of service, Efficiency Vermont is well positioned for a strong final year of its three-year contract with the Vermont Public Service Board.

EFFICIENCY VERMONT 2001

A Year of Outreach and Expansion

In its first year of operation, Efficiency Vermont focused significant attention on start-up efforts: defining programs, hiring staff, creating operating systems, and establishing a presence in the state. At the start of 2001, with growing statewide participation, with systems and staff largely in place, and with insights gained from listening to Vermonters throughout the state in 2000, Efficiency Vermont proceeded to build and enhance services. Three of the major directions that characterized this second-year strategic outreach and expansion were:

Efficiency Vermont Expanded and Improved Services

Efficiency Vermont helped residential consumers learn about their energy use.

Efficiency Vermont initiated three new customer services. First, Efficiency Vermont began loaning meters, at no cost, that consumers can use to determine how much electricity their household appliances and lamps use. The majority of people using this service reported that meter results showed them ways to save energy. A second new service allows consumers to conduct computerized energy audits of their homes using software on compact discs that Efficiency Vermont developed and began to distribute in 2001. A third service provides a phone consultation to help identify sources of high residential electric use.

Efficiency Vermont enhanced services for commercial building designers.

To help achieve maximum energy savings in large construction projects, Efficiency Vermont developed new services to encourage a whole-building approach to energy efficiency. This service encouraged building owners, project engineers, architects, contractors and all other design decision makers to consider, as a team with Efficiency Vermont, the interactive nature of building systems. Efficiency Vermont staff worked on a number of projects early in the planning process to provide computer modeling for such considerations as the decreased heat generated by high-efficiency lighting and its impact on reducing size needs for air

conditioning systems. Efficiency Vermont then provided technical assistance and financial incentives for a comprehensive energy design, rather than a measure-by-measure approach to energy efficiency.

Efficiency Vermont developed a new program for the residential new construction market.

In 2001, Efficiency Vermont initiated, developed and launched a new program for the residential new construction market. Previously, Efficiency Vermont and Vermont Gas Systems offered separate programs for this market. Now, under the name –" Vermont ENERGY STAR® Homes – a service of Efficiency Vermont and Vermont Gas Systems" - there is a single, statewide program design. It features simple financial incentives and a single qualifying energy standard. Efficiency Vermont developed an array of extensive new marketing materials to provide strong support for this program. The marketing focuses on the labeling and recognition of energy efficient homes as ENERGY STAR and maximizes leverage of regional and national marketing efforts promoting the U.S. Environmental Protection Agency's ENERGY STAR label for an increasing range of energy efficient products and equipment.

Efficiency Vermont Reached Out to Key Commercial Sectors

Efficiency Vermont conducted a strategic campaign focused on large commercial and industrial electricity users.

Efficiency Vermont conducted a strategic campaign to identify and serve large commercial and industrial electricity users with the greatest potential to decrease their costs through energy efficiency. Analysis showed that certain types of industries could significantly reduce energy costs by upgrading their equipment. In 2001, Efficiency Vermont helped these businesses improve their processes or facilities by installing lower energy-consuming variable speed drives, control sensors, or fast-close doors in refrigerated or freezer warehouses. Participants reported that the improvements not only lowered energy costs but also reduced disposal costs, increased worker productivity, occupancy comfort, and indoor air quality.

Efficiency Vermont worked with economic development agencies to make doing business in Vermont more attractive.

Aware that numerous business operators look to local economic development agencies for assistance in times of growth or because of a challenging business climate, Efficiency Vermont worked with economic developers throughout the state. Partnering with state and regional economic development agencies, and the

Small Business Development Center, Efficiency Vermont strengthened its ability to reach business leaders considering expanding their operations or replacing equipment.

Efficiency Vermont worked with Vermont business associations to help members achieve efficiency savings.

Efficiency Vermont worked with a variety of business associations to help their members save money through energy efficiency. Throughout the state, association leaders recognized the benefits of energy efficiency and advocated for efficient practices among their members. Associations published articles in their newsletters, invited Efficiency Vermont to speak at annual events and group meetings and promoted the benefits of energy savings to their members.

Vermont ski areas are lowering their operating expenses, thanks to high-efficiency snowmaking and other equipment specified and purchased with technical and financial assistance from Efficiency Vermont. Eight members of the Vermont Ski Areas Association are saving a combined $309,296 a year in energy costs with projects supported by Efficiency Vermont in 2001.

Efficiency Vermont Supported Vermont Trade Allies

Efficiency Vermont expanded partnerships with Vermont retailers and wholesalers of energy efficiency products and services.

In 2001 Efficiency Vermont strengthened partnerships with businesses providing energy efficient products and services to Vermont residential and business consumers. Efficiency Vermont conducted a campaign to improve support for and broaden the network of retailers serving the residential lighting and appliance market. By year-end, as a result of this campaign, 125 lighting retailers and 70 appliance dealers now make efficient products available to Vermont customers. In the commercial and industrial sector, Efficiency Vermont worked to develop strong partnerships with vendors and suppliers of energy efficiency equipment. These companies provided a vital link between their customers and Efficiency Vermont, resulting in increasing numbers of commercial and industrial projects and improved sales for the vendors and suppliers.

In 2001, Vermonters bought 68,388 energy-efficient light bulbs from local retailers, using Efficiency Vermont instant discount coupons.

EFFICIENCY VERMONT 2001

A Year of Lasting Impact on Vermont's Economy & Environment

Efficiency Vermont Helped 30,966 Vermont Households and Businesses

The total number of Efficiency Vermont customers who made energy-saving improvements in 2001 is calculated to be 30,971 - approximately 1 of every 10 electric utility customers in the state. When added to the number of participants from Efficiency Vermont's first year, the total number of Vermonters who have now made energy-saving decisions through Efficiency Vermont is estimated to be 43,780 (not counting repeat participants) – or 1 in 7 electric utility customers in the state. Breakdowns of 2001 participation are presented in the following tables:

Type of Participant		Number of Participants
Residential	Buyers of Retail Lighting and Appliance Products	27,596
	New Construction	622
	Low-Income Households	2,195
	Homes with High Electric Use	88
Commercial & Industrial	Dairy Farms	81
	New Construction	77
	Equipment Replacement	287
	Large Electric User Retrofit	19
	School Retrofit	6

Type of Efficiency Measure		Number of Participants
Residential	Heating, Air Conditioning and Ventilation	2,877
	Lighting	28,194
	Major Appliances	4,045
	Water Heating	1,418
Commercial & Industrial	Lighting	311
	Motors	98
	Heating and Cooling	110
	Industrial Process	16
	Refrigeration	32

Efficiency Vermont Is Serving Vermonters Throughout the State

Efficiency Vermont makes the benefits of energy efficiency available to Vermonters statewide, reaching out to serve people with the greatest barriers to participation and to equitably distribute benefits to all counties of the state, to every utility service territory and to all types of business and residential electric consumers.

As the chart at right shows, the percentage of people that Efficiency Vermont serves in each county correlates well with the percentage of the state's population residing in each county. The economic benefits distribution by county shows a similar pattern of equity. The $41.8 million value of efficiency from Efficiency Vermont activity through the end of 2001 was reasonably proportional throughout the state.

Distribution of Participation and Benefits by County 3/1/2000 – 12/31/2001

County	% of Statewide Population	% of Total Participants	% of Total Economic Benefits	Total Economic Benefits
Addison	5.9%	6.9%	4.3%	$1,818,267
Bennington	6.1%	5.4%	17.0%	$7,121,053
Caledonia	4.9%	5.0%	3.4%	$1,415,975
Chittenden	24.1%	24.7%	22.8%	$9,560,886
Essex	1.1%	0.6%	0.3%	$107,708
Franklin	7.5%	8.1%	5.4%	$2,256,002
Grand Isle	1.1%	1.3%	0.7%	$275,979
Lamoille	3.8%	5.2%	3.5%	$1,481,817
Orange	4.6%	3.7%	1.9%	$781,288
Orleans	4.3%	3.5%	5.1%	$2,133,065
Rutland	10.4%	11.8%	10.7%	$4,464,129
Washington	9.5%	11.1%	6.9%	$2,885,132
Windham	7.3%	5.2%	10.3%	$4,310,323
Windsor	9.4%	7.3%	7.7%	$3,221,170
Unknown	0.0%	0.1%	0.0%	$13,951
Total	100.0%	100.0%	100.0%	$41,846,746

This balanced benefit distribution is the result of a strategic effort by Efficiency Vermont in 2001. At the end of year 2000, Efficiency Vermont conducted an analysis of under-participating sectors of the state and designed its 2001 efforts to improve distributional equity. Efficiency Vermont was able to achieve these positive results through targeted marketing, personal outreach to utility and business leaders, and increased visibility at public events in targeted counties and utility territories.

As shown in the table to the right, by the close of 2001, Efficiency Vermont activities resulted in a 50/50 split of benefits between residential and commercial/industrial electric utility customers. This compares favorably to the 50/50 allocation between the residential and commercial/industrial sectors in the five-year budget established in Docket 5980 by the Vermont Public Service Board for the initial period of operation of Vermont's Energy Efficiency Utility.

Distribution of Benefits by Sector

	Commercial & Industrial	Residential
2000 MWh Savings	11,767	11,027
2001 MWh Savings	17,978	18,916
MWh Savings to Date	29,745 (50%)	29,943 (50%)
Total Economic Benefits	$20,494,766 (50%)	$20,391,651 (50%)

Savings Generated by Efficiency Vermont are Highly Cost-Effective

In 2001, Efficiency Vermont spent $8,508,025 to provide Vermonters with services and financial assistance that generated 36,894 MWh of annual electricity savings. Because the savings from efficiency measures installed in 2001 will continue for the lifetime of the measures, long-term total savings from 2001 activities is calculated to be 531,042 MWh. This means that Efficiency Vermont investments saved energy in 2001 at a cost of 2.6 cents per kWh at a time when electric utilities were paying an average of 4.0 cents per kWh for comparable electric supply.

A truer index of the cost-effectiveness of Efficiency Vermont's electricity-saving activities in 2001 is the total cost compared to the dollar value of the savings. The total cost consists of Efficiency Vermont costs ($8.5 million) plus participant and third-party investment in the cost of measures ($5.5 million) - a total investment in energy efficiency of $14 million. If this investment had not been made, with its resulting 36,894 MWh annual savings, 36,894 MWh more electricity would have to be supplied over each of the coming years by Vermont's electric utilities. Using currently accepted estimates of the statewide "avoided costs" of electricity supply in Vermont, the cost of providing that electricity is estimated to be $21.4 million (present value). The bottom line: Efficiency Vermont's work in 2001 resulted in a net saving in electricity costs to Vermonters of $7.4 million.

Efficiency Vermont is Lowering Electricity Demand

Perhaps the most significant financial value of energy efficiency can be seen during times of peak demand, when electricity prices are highest. It is during these times – such as during a heat wave when air conditioning is in high use – when utilities can't always meet demand and are forced to tap expensive sources of energy. When energy efficiency is practiced year-round, however, a sudden spike in need will result in less severe shortfalls. So, the most expensive electrical purchases are avoided. Efficiency measures implemented through Efficiency Vermont in 2000 and 2001 are now reducing electricity demand by 4.2 MW at the time of summer peak electrical demand in Vermont. Similarly, at the time of winter peak, Efficiency Vermont is lowering Vermont's demand for electricity by 6.4 MW.

Non-Electric Resource Savings for 2001	
Propane	3,485 MMBtu
Natural Gas	13,340 MMBtu
Oil/Kerosene	6,109 MMBtu
Water	13,144 ccf

Efficiency Vermont is Saving More than Electricity

In addition to saving electricity, Efficiency Vermont's efforts in 2001 saved substantial amounts of fossil fuels and water. For example, every Efficiency Vermont participant who

purchased an efficient clothes washer will save as much water annually as an average person will drink in a lifetime. And while Efficiency Vermont focuses primarily on electricity savings, it designs its services so as to maximize savings of all resources. The economic value of *all* resources saved as a result of Efficiency Vermont activities in 2001 is estimated to be $23.8 million. This suggests a very positive economic return to all Vermonters - 70% - on our collective $14 million investment in efficiency in 2001.

Efficiency Vermont is Strengthening Vermont's Economy

When Efficiency Vermont customers save money on their electric bills, the whole state benefits. As Vermonters spend less on electricity, they have more money to spend on local goods and services. And when Efficiency Vermont's business customers reduce their electric costs, they lower operating expenses, improve profitability and boost their competitive edge. By using less energy, they also reduce their vulnerability to volatile future energy prices. Moreover, when Vermonters spend less on energy, they decrease the number of dollars leaving the state to pay for imported power. When Vermonters purchase efficient products and services, most of the dollars are spent locally. This spending on efficiency, instead of on power supply, produces an economic multiplier effect that strengthens the Vermont economy.

2001 Summary of Costs and Benefits	
Efficiency Vermont Total Expenditures	$8.5 million
Participant and 3rd-Party Investments	$5.5 million
Total Investment in Energy Efficiency	$14.0 million
Total Economic Benefits	$23.8 million
Net Benefits	$9.8 million

Efficiency Vermont Is Reducing Pollution

By reducing energy use, Efficiency Vermont's activities reduce the need for electric power generation and the air pollution caused by that generation. Like all energy efficiency benefits, this will continue as long as a given practice is in place; estimated to be about 15 years. This is a "win-win" situation, in which substantial long-term environmental and public health benefits are achieved through actions that lower energy bills and improve the economy. The total reductions in carbon dioxide emissions resulting from Efficiency Vermont's efforts to date (632,037 tons) are equivalent to the air quality benefit of taking 7,400 cars off the road for an entire year.

Power Plant Emissions Reduced by Efficiency Vermont's 2001 Activities	
Carbon Dioxide	632,037 tons
Oxides of Nitrogen	973 tons
Sulphur Dioxide	2,578 tons
Particulates	218 tons

EFFICIENCY VERMONT

OUTLOOK FOR 2002

After gaining a second year of experience as Vermont's statewide energy efficiency utility, Efficiency Vermont is well-positioned for a successful third and final year of implementation of our contract with the Vermont Public Service Board. Rather than initiating major changes in programs or strategies, we are planning enhancements to better meet customer needs, to create more effective outreach and public knowledge, to strengthen strategic partnerships, and to maximize the benefits of our investment in energy efficiency on behalf of all Vermonters.

One of the most important outcomes of Efficiency Vermont's experience in 2001 was the discovery of a larger than anticipated reservoir of untapped and new opportunities for cost-effective energy savings in Vermont homes and businesses. New efficiency technologies now offer savings opportunities that were unavailable when current services were designed. And, as Vermont businesses change and modify their operations in an increasingly dynamic business environment, still greater opportunities for efficiency are likely to emerge. In short, the outlook is both challenging and exciting.

As Efficiency Vermont enters 2002, we are motivated by an increasing ability to provide a comprehensive range of energy services. Efficiency Vermont looks forward with great anticipation to a third year of service to the people and environment of Vermont.

2.2. Progress Report[a]

Program	MWh Savings (Net at Generation)			
	Year 2001	Program to Date	Projected savings through 2002	Actual Savings to Date/Total Projected Savings through 2002
CEO New Construction	5,467	9,759	MOP/CINC have a combined target	
CEO Market Opportunities	9,257	15,463	34,497	73%
Dairy Farms	976	2,246	2,270	99%
C&I Emerging Markets	2,277	2,277	5,500	41%
Subtotal C&I	17,978	29,745	42,267	70%
Residential New Construction	974	1,700	2,170	78%
Efficient Products	14,168	21,915	28,054	78%
Low Income MultiFamily (REEP)	1,822	3,980	5,979	67%
Low Income Single-Family	1,689	2,083	3,731	56%
Residential Emerging Markets	265	265	1,565	17%
Subtotal Residential	18,916	29,943	41,499	72%
TOTAL	**36,894**	**59,688**	**83,766**	**71%**

Program	Total Resource Benefits (2001 Dollars, Present Worth)			
	Year 2001	Program to Date	Projected savings through 2002	Actual Savings to Date/Total Projected Savings through 2002
CEO New Construction	$4,050,537	$7,295,836	nav	nav
CEO Market Opportunities	$5,978,854	$10,305,647	nav	nav
Dairy Farms	$510,498	$1,160,839	nav	nav
C&I Emerging Markets	$1,732,444	$1,732,444	nav	nav
Subtotal C&I	$12,272,334	$20,494,766	nav	nav
Residential New Construction	$1,668,724	$2,766,030	nav	nav
Efficient Products	$6,876,810	$12,034,384	nav	nav
Low Income MultiFamily (REEP)	$2,039,116	$4,464,463	nav	nav
Low Income Single-Family	$816,953	$1,025,086	nav	nav
Residential Emerging Markets	$101,688	$101,688	nav	nav
Subtotal Residential	$11,503,291	$20,391,651	nav	nav
TOTAL	**$23,775,625**	**$40,886,417**	**$36,162,000**	**113%**

Program	Program Costs and Budgets			
	Year 2001	Program to Date	Budgeted Costs through 2002	Program to Date Costs as % of Budgeted Costs through 2002
CEO New Construction	$1,118,073	1,825,405	MOP/CINC have a combined budget	
CEO Market Opportunities	$1,384,479	2,408,870		
Subtotal CEO	$2,502,553	$4,234,275	$7,853,889	54%
Dairy Farms	$401,114	822,620	907,133	91%
C&I Emerging Markets	$583,151	586,623	2,029,748	29%
Subtotal C&I	$3,486,817	$5,643,518	$10,790,770	52%
Residential New Construction	$920,459	1,445,443	2,380,822	61%
Efficient Products	$2,028,108	3,626,919	5,288,433	69%
Low Income Multifamily (REEP)	$836,149	1,572,091	3,165,811	50%
Low Income Single Family	$744,674	893,155	2,007,126	44%
Residential Emerging Markets	$144,343	147,833	752,551	20%
Subtotal Residential	$4,673,733	$7,685,441	$13,594,743	57%
TOTAL[b]	**$8,160,551**	**$13,328,959**	**$24,385,513**	**55%**

2.3.1. Program Summary, overall

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	17,163	30,971	nav	nav	43,780
# participants with audit/analysis	2,443	3,482	nav	nav	6,341
# of audits/analyses with pending action	1,294	2,250	nav	nav	2,250
# of audits/analyses with installations	1,116	3,139	nav	nav	5,490

Program Costs					
Administration					
General	$89,617	$91,044	$191,202	$216,876	$180,661
Implementation	$1,370,668	$1,822,514	$1,860,349	$2,263,564	$3,193,182
Program Planning	$304,274	$357,180	$428,451	$268,364	$661,453
Marketing	$525,431	$949,524	$1,022,853	$919,580	$1,474,955
IT Development	$138,489	$256,431	$285,445	$280,234	$394,920
Subtotal Administration	$2,428,479	$3,476,692	$3,788,299	$3,948,617	$5,905,172
Implementation Costs					
Services to Participants	$724,502	$1,199,898	$1,499,748	$1,945,384	$1,924,401
Services to Trade Allies	$195,010	$250,072	$251,209	$273,081	$445,082
Subtotal Implementation Costs	$919,512	$1,449,971	$1,750,957	$2,218,465	$2,369,483
Incentive Costs					
Incentives to Participants	$2,048,524	$3,581,362	$4,187,694	$4,650,420	$5,629,886
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$2,048,524	$3,581,362	$4,187,694	$4,650,420	$5,629,886
Total Efficiency Vermont Costs [a]	$5,396,515	$8,508,025	$9,726,949	$10,817,502	$13,904,541
Total Participant Costs	$3,546,892	$5,122,443	nav	nav	$8,669,335
Total Third Party Costs	$58,933	$383,656	nav	nav	$442,590
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$9,002,341	$14,014,125	$9,726,949	$10,817,502	$23,016,466

Total Measure Costs	$5,654,350	$9,087,462	$4,187,694	$4,650,420	$14,741,811
Total Cost of Services	$919,512	$1,449,971	$1,750,957	$2,218,465	$2,369,483
Annualized MWh Savings	22,794	36,894	30,044	30,927	59,688
Lifetime MWh Savings	330,217	531,042	nav	nav	861,259
Winter Coincident Peak KW Savings	5,278	6,399	nav	nav	11,677
Summer Coincident Peak KW Savings	2,021	4,161	nav	nav	6,181
Annualized MWh Savings/Participant	1.328	1.191	nav	nav	1.363
Weighted Lifetime	14	14	nav	nav	14
Loan Activity	$0	$0	$0	$0	$0

2.3.2. Total Resource Benefits, overall

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$21,419,347
Fossil Fuel Savings (Costs)	$180,249	$1,591,795
Water Savings (Costs)	$98,912	$767,212
Total	$279,161	$23,775,625

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	31,147	31,537	36,894
Winter on peak	8,902	9,024	10,813
Winter off peak	3,599	3,583	4,119
Summer on peak	10,673	10,846	12,787
Summer off peak	7,973	8,085	9,177
Coincident Demand Savings (kW)			
Winter	5,556	5,603	6,399
Shoulder	5,332	5,369	6,056
Summer	3,665	3,672	4,161

	Gross	Net	Net Lifetime Savings [a]
Annualized Water Savings (ccf)	12,331	13,144	154,135
Annualized fuel savings (increase) MMBtu	22,071	22,926	391,052
LP	3,038	3,485	46,070
NG	13,287	13,340	254,239
Oil/Kerosene	5,728	6,109	90,076
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$319,287	$332,382	$3,527,807

2.3.3. Overall - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	120	1,049	920	15,905	60	364	0	0	$135,868	$132,834
Cooking and Laundry	3,257	1,170	867	16,219	288	211	4,152	7,726	$184,137	$589,366
Hot Water Efficiency	1,188	286	245	2,298	50	35	4,620	5,418	$25,523	$227,504
Hot Water Fuel Switch	251	1,151	993	32,437	189	123	-4,503	0	$176,394	$99,384
Industrial Process Eff.	16	4,296	3,815	70,681	1,284	162	0	0	$197,162	$468,142
Lighting	28,505	20,488	16,953	239,620	3,211	2,222	0	0	$1,892,057	$1,780,740
Motors	98	2,855	2,431	42,869	453	425	0	0	$243,163	$430,518
Other Efficiency	2	481	434	7,213	58	58	0	0	$12,128	$11,955
Other Fuel Switch	353	180	153	4,427	46	38	-593	0	$13,752	$15,737
Other Indirect Activity	546	0	0	0	0	0	0	0	$128,639	$950
Refrigeration	821	3,377	2,972	61,379	370	455	1,682	0	$291,730	$610,946
Space Heat Efficiency	809	44	36	1,083	14	0	14,019	0	$457	$533,840
Space Heat Fuel Switch	276	1,034	909	30,982	317	8	-3,617	0	$165,694	$226,198
Ventilation	859	483	417	5,929	57	60	7,166	0	$104,794	-$5,672
Totals		36,894	31,147	531,042	6,399	4,161	22,926	13,144	$3,571,498	$5,122,443

2.3.4. Overall - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	164	137	115	1,969	24	12	149	550	$25,953	$17,675
Burlington	103	220	195	2,975	34	30	0	0	$23,959	$58,982
Citizens	1,426	2,169	1,861	32,087	606	112	-220	542	$235,981	$244,561
CVPS	13,237	17,186	14,589	256,909	2,693	2,068	9,289	6,982	$1,525,490	$2,713,064
Enosburg Falls	202	193	159	2,540	29	17	-51	73	$28,440	$21,070
Green Mountain	9,667	10,691	8,980	152,401	1,613	1,408	12,856	3,363	$1,155,883	$1,458,529
Hardwick	650	375	296	4,121	61	34	-25	102	$41,665	$33,115
Hyde Park	180	105	84	1,347	17	10	-23	32	$13,185	$6,976
Jacksonville	33	16	13	158	3	2	7	17	$2,236	$2,010
Johnson	72	68	58	1,243	15	5	-89	22	$6,238	$16,479
Ludlow	107	1,696	1,486	25,817	575	9	-145	33	$59,888	$122,273
Lyndonville	385	323	282	4,486	51	34	-142	150	$40,247	$20,700
Morrisville	492	411	345	5,322	62	42	261	107	$41,479	$37,346
Northfield	189	110	86	1,011	18	11	17	41	$10,448	$9,513
Orleans	45	327	278	5,006	67	87	-49	0	$21,491	$20,046
Readsboro	11	5	4	50	1	0	1	3	$457	$505
Rochester	63	35	28	361	6	3	44	18	$4,741	$3,862
Stowe	265	416	350	4,001	63	39	398	100	$30,688	$39,966
Swanton	432	347	286	4,594	56	41	-61	128	$32,310	$19,730
VT Electric Coop	2,004	1,397	1,133	17,743	300	132	628	623	$201,822	$222,571
VT Marble	79	49	38	476	8	5	7	15	$3,951	$3,567
Washington Electric	1,165	618	482	6,427	100	59	75	245	$64,945	$49,905
Totals	30,971	36,894	31,147	531,042	6,399	4,161	22,926	13,144	$3,571,498	$5,122,443

2.3.5. Overall - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	2,115	2,174	1,817	28,448	328	233	-121	805	$228,973	$271,212
Bennington	1,497	3,646	3,203	63,953	630	409	3,098	1,270	$285,079	$471,811
Caledonia	1,698	1,725	1,508	28,117	333	189	-453	365	$178,911	$253,864
Chittenden	7,133	7,482	6,276	102,029	1,064	980	14,633	2,368	$800,671	$1,041,752
Essex	183	140	113	2,098	23	13	-41	94	$19,333	$13,260
Franklin	2,399	2,215	1,826	29,985	337	244	378	775	$276,030	$250,851
Grand Isle	379	236	191	3,446	41	24	13	155	$34,163	$19,292
Lamoille	1,604	1,700	1,426	21,589	336	158	1,058	551	$197,701	$265,357
Orange	1,173	777	634	9,291	122	77	720	420	$91,036	$68,425
Orleans	1,095	2,120	1,831	30,808	612	159	-95	816	$198,702	$235,672
Rutland	3,875	3,491	2,860	43,163	581	453	1,231	1,394	$340,687	$425,945
Unknown [a]	35	16	12	160	3	2	10	18	$1,188	$2,094
Washington	3,641	3,422	2,851	48,237	559	451	-4	1,127	$321,036	$436,852
Windham	1,760	4,011	3,423	65,218	526	548	2,844	2,173	$336,342	$1,027,321
Windsor	2,388	3,740	3,177	54,500	905	222	-345	813	$261,647	$338,737
Totals	30,975	36,894	31,147	531,042	6,399	4,161	22,926	13,144	$3,571,498	$5,122,443

2.3.6.2. Cumulative Distributions by Customer Sector [a]

	Total Resource Benefits Program to Date		Annualized MWh Energy Savings Program to Date		Sector Allocation PSB Approved Five-Year Budget	Sector Allocation by Customer Rate Revenue
	Total	%	Total	%	%	%
Commercial & Industrial	$20,494,766	50%	29,745	50%	50%	56%
Residential	$20,391,651	50%	29,943	50%	50%	44%
Total	$40,886,417	100%	59,688	100%	100%	100%

2.3.6.3. Cumulative Distributions by County [a]

County	% of Statewide Population	Number of Participants Program to Date		Total Resource Benefits Program to Date		Annualized MWh Energy Savings Program to Date	
		Total	%	Total	%	Total	%
Addison	5.9%	3,013	6.9%	$1,818,267	4.3%	3,100	5.1%
Bennington	6.1%	2,362	5.4%	7,121,053	17.0%	8,511	13.9%
Caledonia	4.9%	2,168	5.0%	1,415,975	3.4%	2,179	3.6%
Chittenden	24.1%	10,838	24.7%	9,560,886	22.8%	13,542	22.2%
Essex	1.1%	256	0.6%	107,708	0.3%	192	0.3%
Franklin	7.5%	3,556	8.1%	2,256,002	5.4%	3,719	6.1%
Grand Isle	1.1%	591	1.3%	275,979	0.7%	442	0.7%
Lamoille	3.8%	2,297	5.2%	1,481,817	3.5%	2,313	3.8%
Orange	4.6%	1,600	3.7%	781,288	1.9%	1,309	2.1%
Orleans	4.3%	1,542	3.5%	2,133,065	5.1%	2,917	4.8%
Rutland	10.4%	5,188	11.8%	4,464,129	10.7%	6,994	11.5%
Washington	9.5%	4,875	11.1%	2,885,132	6.9%	4,909	8.0%
Windham	7.3%	2,272	5.2%	4,310,323	10.3%	6,242	10.2%
Windsor	9.4%	3,184	7.3%	3,221,170	7.7%	4,637	7.6%
Unknown	0.0%	54	0.1%	13,951	0.0%	24	0.0%
Total	100.0%	43,796	100.0%	$41,846,746	100.0%	61,029	100.0%

2.3.6.4. Cumulative Distributions by Utility Service Territory [a]

Utility	Statewide Electric Customers	MWh Sales Subject to EEC	Number of Participants Program to Date		Annualized MWh Energy Savings Program to Date		Total Resource Benefits Program to Date		EE Charges Paid through Nov 30, 2001 [b]		EVT Program and Administration Expenditures Program to Date	
	%	%	Total	%	Total	%	Total	%	Total	%	Total	%
Barton	0.63%	0.28%	211	0.48%	188	0.31%	$132,491	0.32%	$63,116	0.38%	$59,152	0.41%
Citizens	6.31%	5.96%	2,151	4.91%	3,243	5.31%	$2,294,993	5.48%	$1,124,190	6.79%	$853,361	5.93%
CVPS	43.69%	43.24%	18,395	42.02%	29,365	48.12%	$20,599,757	49.23%	$7,351,601	44.40%	$6,493,004	45.09%
Enosburg Falls	0.46%	0.38%	300	0.69%	460	0.75%	$240,996	0.58%	$80,396	0.49%	$134,615	0.93%
GMP	26.11%	38.35%	14,073	32.14%	18,977	31.09%	$13,005,334	31.08%	$5,543,527	33.48%	$4,785,084	33.23%
Hardwick	1.21%	0.60%	840	1.92%	543	0.89%	$263,518	0.63%	$132,160	0.80%	$124,176	0.86%
Hyde Park	0.35%	0.21%	260	0.59%	186	0.31%	$88,057	0.21%	$45,421	0.27%	$47,988	0.33%
Jacksonville	0.19%	0.11%	46	0.11%	22	0.04%	$14,460	0.03%	$25,483	0.15%	$4,857	0.03%
Johnson	0.26%	0.32%	125	0.29%	108	0.18%	$61,285	0.15%	$70,867	0.43%	$22,654	0.16%
Ludlow	1.06%	0.87%	138	0.32%	1,719	2.82%	$1,403,834	3.35%	$187,228	1.13%	$360,927	2.51%
Lyndonville	1.57%	1.31%	488	1.11%	423	0.69%	$224,649	0.54%	$275,302	1.66%	$115,474	0.80%
Morrisville	1.05%	0.86%	644	1.47%	539	0.88%	$322,245	0.77%	$178,974	1.08%	$135,078	0.94%
Northfield	0.69%	0.51%	285	0.65%	180	0.29%	$88,493	0.21%	$109,175	0.66%	$35,550	0.25%
Orleans	0.21%	0.34%	53	0.12%	410	0.67%	$292,853	0.70%	$78,793	0.48%	$76,000	0.53%
Readsboro	0.12%	0.04%	20	0.05%	34	0.06%	$22,652	0.05%	$9,771	0.06%	$5,965	0.04%
Rochester	0.25%	0.12%	96	0.22%	74	0.12%	$47,142	0.11%	$24,814	0.15%	$18,051	0.13%
Stowe	1.03%	1.17%	357	0.82%	497	0.82%	$250,360	0.60%	$254,042	1.53%	$104,629	0.73%
Swanton	0.98%	1.16%	591	1.35%	664	1.09%	$380,571	0.91%	$226,836	1.37%	$183,008	1.27%
VT Elec Co-Op	4.79%	2.76%	2,970	6.78%	2,192	3.59%	$1,481,375	3.54%	$541,491	3.27%	$598,012	4.15%
Vt Marble	0.27%	0.20%	102	0.23%	66	0.11%	$34,232	0.08%	$37,592	0.23%	$12,052	0.08%
WEC	2.82%	1.20%	1,487	3.40%	847	1.39%	$438,690	1.05%	$55,303	0.33%	$167,600	1.16%
sub-Total	94.04%	100.00%	43,632	99.66%	60,739	99.52%	$41,687,989	99.62%	$16,416,082	99.15%	$14,337,236	99.56%
BED [c]	*5.96%*	*0.00%*	148	*0.34%*	290	*0.48%*	$158,758	*0.38%*	*$140,589*	*0.85%*	*$63,876.56*	*0.44%*
Total	100.00%	100.00%	43,780	100.00%	61,029	100.00%	$41,846,746	100.00%	**$16,556,671**	100.00%	$14,401,113	100.00%

EEU Expenditures

EVT program and administration expenditures	$14,401,113
Contract Administrator, Fiscal Agent, DPS Eval.	$713,167
EVT Performance-based Fee	$468,090
EEU charges collected but not expended in Year 2001	$992,861
Total EEU Expenditures	**$16,575,231**

2.4.1. Commercial & Industrial Sector Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	330	470	nav	nav	757
# participants with audit/analysis	613	522	nav	nav	825
# of audits/analyses with pending action	402	235	nav	nav	235
# of audits/analyses with installations	202	324	nav	nav	428

Program Costs					
Administration					
Implementation	$680,998	$946,043	$953,135	$1,135,447	$1,627,042
Program Planning	$156,046	$174,489	$211,689	$119,223	$330,535
Marketing	$166,220	$356,516	$421,095	$410,009	$522,736
Subtotal Administration	$1,003,264	$1,477,048	$1,585,919	$1,664,679	$2,480,312
Implementation Costs					
Services to Participants	$492,007	$691,904	$837,461	$1,117,278	$1,183,911
Services to Trade Allies	$14,568	$15,418	$5,456	$8,728	$29,986
Subtotal Implementation Costs	$506,575	$707,322	$842,917	$1,126,006	$1,213,897
Incentive Costs					
Incentives to Participants	$646,861	$1,302,448	$1,714,479	$1,856,535	$1,949,309
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$646,861	$1,302,448	$1,714,479	$1,856,535	$1,949,309
Total Efficiency Vermont Costs	$2,156,701	$3,486,817	$4,143,314	$4,647,221	$5,643,518
Total Participant Costs	$1,756,877	$2,595,021	nav	nav	$4,351,898
Total Third Party Costs	$0	$117,495	nav	nav	$117,495
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$3,913,578	$6,199,333	$4,143,314	$4,647,221	$10,112,912

Total Measure Costs	$2,403,739	$4,014,964	$1,714,479	$1,856,535	$6,418,703
Total Cost of Services	$506,575	$707,322	$842,917	$1,126,006	$1,213,897
Annualized MWh Savings	11,767	17,978	14,500	16,000	29,745
Lifetime MWh Savings	176,362	292,807	nav	nav	469,168
Winter Coincident Peak KW Savings	3,179	3,225	nav	nav	6,403
Summer Coincident Peak KW Savings	950	2,306	nav	nav	3,256
Annualized MWh Savings/Participant	35.658	38.251	nav	nav	39.293
Weighted Lifetime	15	16	nav	nav	16
Loan Activity	$0	$0	$0	$0	$0

2.4.2. Commercial & Industrial Overall - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	55	1,022	898	15,221	59	311	0	0	$135,868	$125,803
Cooking and Laundry	1	0	0	0	0	0	14	37	$137	$135
Hot Water Efficiency	4	30	26	300	6	3	0	0	$5,856	$4,222
Hot Water Fuel Switch	17	268	234	5,931	42	29	-1,099	0	$30,425	$20,455
Industrial Process Eff.	16	4,296	3,815	70,681	1,284	162	0	0	$197,162	$468,142
Lighting	311	5,285	4,971	77,782	858	843	0	0	$391,826	$890,187
Motors	98	2,855	2,431	42,869	453	425	0	0	$243,163	$430,518
Other Efficiency	2	481	434	7,213	58	58	0	0	$12,128	$11,955
Other Fuel Switch	2	14	13	287	14	14	-59	0	$812	$3,020
Refrigeration	32	3,133	2,763	58,596	341	426	1,682	0	$233,577	$565,545
Space Heat Efficiency	5	0	0	2	0	0	134	0	$0	$13,132
Space Heat Fuel Switch	11	337	299	10,063	77	1	-1,213	0	$18,597	$72,794
Ventilation	13	257	228	3,861	32	35	7,064	0	$30,304	-$10,887
Totals		17,978	16,112	292,807	3,225	2,306	6,524	37	$1,299,855	$2,595,021

2.5.1. Residential Sector Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	16,833	30,501	nav	nav	43,023
# participants with audit/analysis	1,830	2,960	nav	nav	5,516
# of audits/analyses with pending action	892	2,015	nav	nav	2,015
# of audits/analyses with installations	914	2,815	nav	nav	5,062

Program Costs					
Administration					
Implementation	$689,670	$876,471	$907,214	$1,128,117	$1,566,141
Program Planning	$148,227	$182,691	$216,762	$149,141	$330,919
Marketing	$359,211	$593,008	$601,758	$509,570	$952,219
Subtotal Administration	$1,197,108	$1,652,170	$1,725,734	$1,786,828	$2,849,278
Implementation Costs					
Services to Participants	$232,495	$507,994	$662,287	$828,105	$740,489
Services to Trade Allies	$180,442	$234,655	$245,753	$264,353	$415,096
Subtotal Implementation Costs	$412,936	$742,649	$908,040	$1,092,458	$1,155,586
Incentive Costs					
Incentives to Participants	$1,401,663	$2,278,914	$2,473,215	$2,793,885	$3,680,577
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$1,401,663	$2,278,914	$2,473,215	$2,793,885	$3,680,577
Total Efficiency Vermont Costs	$3,011,708	$4,673,733	$5,106,989	$5,673,171	$7,685,441
Total Participant Costs	$1,790,015	$2,527,422	nav	nav	$4,317,437
Total Third Party Costs	$58,933	$266,161	nav	nav	$325,095
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$4,860,656	$7,467,317	$5,106,989	$5,673,171	$12,327,973

Total Measure Costs	$3,250,611	$5,072,498	$2,473,215	$2,793,885	$8,323,109
Total Cost of Services	$412,936	$742,649	$908,040	$1,092,458	$1,155,586
Annualized MWh Savings	11,027	18,916	15,544	14,927	29,943
Lifetime MWh Savings	153,855	238,236	nav	nav	392,092
Winter Coincident Peak KW Savings	2,099	3,175	nav	nav	5,273
Summer Coincident Peak KW Savings	1,071	1,855	nav	nav	2,925
Annualized MWh Savings/Participant	0.655	0.620	nav	nav	0.696
Weighted Lifetime	14	13	nav	nav	13
Loan Activity	$0	$0	$0	$0	$0

2.5.2. Residential Overall - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	65	27	22	684	1	53	0	0	$0	$7,031
Cooking and Laundry	3,256	1,170	867	16,219	288	211	4,138	7,690	$184,000	$589,231
Hot Water Efficiency	1,184	256	220	1,998	44	33	4,620	5,418	$19,668	$223,282
Hot Water Fuel Switch	234	884	759	26,507	147	94	-3,404	0	$145,968	$78,929
Lighting	28,194	15,203	11,982	161,838	2,353	1,379	0	0	$1,500,231	$890,553
Other Fuel Switch	351	165	141	4,139	33	24	-534	0	$12,940	$12,717
Other Indirect Activity	546	0	0	0	0	0	0	0	$128,639	$950
Refrigeration	789	244	209	2,783	30	28	0	0	$58,153	$45,401
Space Heat Efficiency	804	44	36	1,081	14	0	13,885	0	$457	$520,709
Space Heat Fuel Switch	265	697	609	20,919	239	7	-2,404	0	$147,098	$153,404
Ventilation	846	225	189	2,068	25	25	102	0	$74,490	$5,215
Totals		18,916	15,035	238,236	3,175	1,855	16,402	13,108	$2,271,644	$2,527,422

3.0.2. Commercial Energy Opportunities Program Summary[a]

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	234	364	nav	nav	563
# participants with audit/analysis	417	393	nav	nav	618
# of audits/analyses with pending action	283	214	nav	nav	214
# of audits/analyses with installations	106	245	nav	nav	315

Program Costs					
Administration					
Implementation	$550,429	$638,801	$635,393	$668,595	$1,189,231
Program Planning	$139,572	$137,247	$149,776	$82,306	$276,819
Marketing	$166,173	$307,988	$369,031	$333,791	$474,161
Subtotal Administration	$856,174	$1,084,036	$1,154,200	$1,084,692	$1,940,211
Implementation Costs					
Services to Participants	$406,414	$498,519	$580,242	$860,313	$904,933
Services to Trade Allies	$14,568	$12,691	$4,211	$6,244	$27,259
Subtotal Implementation Costs	$420,982	$511,210	$584,453	$866,557	$932,192
Incentive Costs					
Incentives to Participants	$454,567	$907,306	$1,217,149	$1,328,995	$1,361,873
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$454,567	$907,306	$1,217,149	$1,328,995	$1,361,873
Total Efficiency Vermont Costs	$1,731,723	$2,502,553	$2,955,803	$3,280,244	$4,234,275
Total Participant Costs	$1,536,751	$2,114,041	nav	nav	$3,650,792
Total Third Party Costs	$0	$117,495	nav	nav	$117,495
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$3,268,474	$4,734,088	$2,955,803	$3,280,244	$8,002,563

Total Measure Costs	$1,991,318	$3,138,842	$1,217,149	$1,328,995	$5,130,160
Total Cost of Services	$420,982	$511,210	$584,453	$866,557	$932,192
Annualized MWh Savings	10,497	14,724	12,000	12,000	25,222
Lifetime MWh Savings	160,310	239,655	nav	nav	399,964
Winter Coincident Peak KW Savings	2,986	2,500	nav	nav	5,486
Summer Coincident Peak KW Savings	831	2,004	nav	nav	2,835
Annualized MWh Savings/Participant	44.859	40.452	nav	nav	44.799
Weighted Lifetime	15	16	nav	nav	16
Loan Activity	$0	$0	$0	$0	$0

3.0.3. Commercial Energy Opportunities - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	55	1,022	898	15,221	59	311	0	0	$135,868	$125,803
Cooking and Laundry	1	0	0	0	0	0	14	37	$137	$135
Hot Water Fuel Switch	2	2	1	51	0	0	-6	0	$0	$346
Industrial Process Eff.	12	3,310	2,879	56,684	930	147	0	0	$134,409	$425,122
Lighting	268	4,009	3,776	55,128	649	647	0	0	$246,844	$640,913
Motors	62	2,437	2,073	38,167	396	385	0	0	$138,740	$345,041
Other Efficiency	2	481	434	7,213	58	58	0	0	$12,128	$11,955
Other Fuel Switch	1	9	8	179	10	10	-39	0	$507	$1,500
Refrigeration	22	2,989	2,639	56,860	322	411	1,682	0	$200,105	$547,577
Space Heat Efficiency	4	0	0	2	0	0	34	0	$0	$2,998
Space Heat Fuel Switch	4	210	179	6,289	44	0	-759	0	$5,671	$23,539
Ventilation	13	257	228	3,861	32	35	7,064	0	$30,304	-$10,887
Totals		14,724	13,117	239,655	2,500	2,004	7,990	37	$904,713	$2,114,041

3.0.4. Commercial Energy Opportunities - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	1	4	3	56	1	1	0	0	$172	$510
Citizens	13	596	515	9,156	217	13	0	0	$38,105	$145,443
CVPS	132	7,568	6,772	130,999	1,089	1,080	1,192	37	$443,745	$1,222,010
Enosburg Falls	2	28	26	420	0	0	0	0	$736	$1,172
Green Mountain	170	4,373	3,917	67,598	547	757	6,552	0	$324,666	$519,251
Hardwick	2	1	1	19	0	0	0	0	$193	$0
Johnson	2	4	4	60	1	1	0	0	$683	$197
Ludlow	1	1,188	1,015	17,813	414	0	0	0	$27,392	$76,405
Lyndonville	3	57	67	1,094	8	8	0	0	$5,085	$2,428
Morrisville	4	40	37	643	6	6	-3	0	$2,293	$10,339
Northfield	2	2	2	34	0	0	0	0	$431	$15
Orleans	3	289	247	4,432	61	83	0	0	$15,998	$18,339
Rochester	2	1	1	22	0	0	0	0	$710	$0
Stowe	10	205	184	1,882	29	16	249	0	$7,086	$17,091
Swanton	3	92	80	1,405	13	17	0	0	$1,187	$1,805
VT Electric Coop	9	273	240	3,936	112	22	0	0	$34,598	$99,049
Washington Electric	5	5	5	84	1	1	0	0	$1,635	-$12
Totals	364	14,724	13,117	239,655	2,500	2,004	7,990	37	$904,713	$2,114,041

3.0.5. Commercial Energy Opportunities - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	14	661	597	9,976	84	82	0	0	$35,202	$89,538
Bennington	18	2,040	1,821	37,837	370	213	1,682	0	$94,357	$266,454
Caledonia	20	321	352	5,264	60	63	0	0	$24,765	$32,219
Chittenden	120	3,290	2,921	50,423	368	513	6,561	0	$229,090	$347,495
Franklin	14	503	437	7,727	54	71	0	0	$24,191	$56,573
Grand Isle	1	14	14	283	1	4	0	0	$968	$189
Lamoille	21	517	459	6,418	147	43	246	0	$43,073	$126,805
Orange	11	60	61	888	9	9	14	37	$9,392	$4,480
Orleans	15	835	717	12,675	272	87	0	0	$48,473	$163,156
Rutland	33	866	780	12,899	145	197	-46	0	$70,952	$125,721
Washington	47	1,085	996	16,936	170	228	31	0	$77,552	$110,818
Windham	28	2,741	2,388	48,640	314	428	-39	0	$175,951	$632,302
Windsor	23	1,791	1,572	29,689	507	66	-459	0	$70,749	$158,292
Totals	365	14,724	13,117	239,655	2,500	2,004	7,990	37	$904,713	$2,114,041

3.1.2. CEO New Construction Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	39	77	nav	nav	114
# participants with audit/analysis	216	130	nav	nav	236
# of audits/analyses with pending action	155	116	nav	nav	116
# of audits/analyses with installations	46	61	nav	nav	73

Program Costs					
Administration					
Implementation	$220,518	$291,515	n/a	n/a	$512,033
Program Planning	$74,002	$62,632	n/a	n/a	$136,634
Marketing	$61,798	$140,549	n/a	n/a	$202,347
Subtotal Administration	$356,317	$494,696	n/a	n/a	$851,014
Implementation Costs					
Services to Participants	$159,355	$227,498	n/a	n/a	$386,852
Services to Trade Allies	$5,518	$5,791	n/a	n/a	$11,309
Subtotal Implementation Costs	$164,872	$233,289	n/a	n/a	$398,161
Incentive Costs					
Incentives to Participants	$186,143	$390,088	n/a	n/a	$576,231
Incentives to Trade Allies	$0	$0	n/a	n/a	$0
Subtotal Incentive Costs	$186,143	$390,088	n/a	n/a	$576,231
Total Efficiency Vermont Costs	$707,332	$1,118,073	n/a	n/a	$1,825,405
Total Participant Costs	$690,638	$1,138,034	n/a	n/a	$1,828,673
Total Third Party Costs	$0	$8,416	n/a	n/a	$8,416
Evaluation Costs	$0	$0	n/a	n/a	$0
Total Program Costs	$1,397,971	$2,264,524	n/a	n/a	$3,662,494

Total Measure Costs	$876,781	$1,536,538	n/a	n/a	$2,413,320
Total Cost of Services	$164,872	$233,289	n/a	n/a	$398,161
Annualized MWh Savings	4,291	5,467	nav	nav	9,759
Lifetime MWh Savings	64,445	94,186	nav	nav	158,630
Winter Coincident Peak KW Savings	1,755	1,021	nav	nav	2,776
Summer Coincident Peak KW Savings	115	693	nav	nav	808
Annualized MWh Savings/Participant	110.026	71.002	nav	nav	85.602
Weighted Lifetime	15	17	nav	nav	16
Loan Activity	$0	$0	$0	$0	$0

3.1.3. CEO New Construction - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	31	479	416	7,304	3	136	0	0	$81,811	$40,945
Hot Water Fuel Switch	2	2	1	51	0	0	-6	0	$0	$346
Industrial Process Eff.	3	1,031	881	18,057	385	2	0	0	$44,776	$185,782
Lighting	65	2,118	1,926	31,479	349	351	0	0	$77,240	$450,946
Motors	7	203	171	3,304	96	9	0	0	$31,812	$86,858
Refrigeration	5	1,355	1,164	26,817	139	186	0	0	$139,862	$396,902
Space Heat Efficiency	4	0	0	2	0	0	34	0	$0	$2,998
Space Heat Fuel Switch	3	200	170	5,990	42	0	-724	0	$5,164	$20,498
Ventilation	8	79	70	1,181	6	9	6,860	0	$9,424	-$47,240
Totals		5,467	4,799	94,186	1,021	693	6,164	0	$390,088	$1,138,034

3.1.4. CEO New Construction - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Citizens	5	526	458	7,935	206	5	0	0	$32,986	$139,238
CVPS	29	2,657	2,321	50,587	443	288	-459	0	$168,658	$640,123
Green Mountain	39	2,076	1,844	32,545	269	386	6,626	0	$161,632	$252,938
Morrisville	1	15	12	230	2	2	-3	0	$0	$7,609
Stowe	1	3	3	52	1	0	0	0	$0	$2,540
VT Electric Coop	2	189	161	2,838	101	11	0	0	$26,812	$95,586
Totals	77	5,467	4,799	94,186	1,021	693	6,164	0	$390,088	$1,138,034

3.1.5. CEO New Construction - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	2	13	12	197	2	2	0	0	$1,172	$2,502
Bennington	6	767	664	14,136	218	40	0	0	$22,065	$119,399
Caledonia	2	76	73	1,405	8	10	0	0	$6,614	$18,126
Chittenden	33	1,939	1,720	30,400	205	321	6,596	0	$133,392	$226,983
Franklin	2	39	36	543	5	6	0	0	$2,988	$8,200
Lamoille	5	208	176	3,126	103	14	-3	0	$26,812	$105,922
Orange	4	42	41	566	7	7	0	0	$4,797	$4,283
Orleans	4	511	437	7,678	204	3	0	0	$28,858	$139,782
Rutland	3	23	19	340	2	5	0	0	$0	$9,058
Washington	8	153	138	2,393	66	68	31	0	$29,203	$31,725
Windham	2	1,430	1,227	27,428	151	200	0	0	$111,595	$449,829
Windsor	6	266	255	5,976	50	18	-459	0	$22,593	$22,225
Totals	77	5,467	4,799	94,186	1,021	693	6,164	0	$390,088	$1,138,034

3.1.6.1. CEO New Construction Committed Projects Summary

Committed MWh as of 12/31/01	Committed Measure Incentive as of 12/31/01	Participants with Committed Projects
2,611	$248,060	41

3.1.6.2. CEO New Construction Project Counts by Track

Track	Committed Projects as of 12/31/01	Completed Projects Year 2001	Completed Projects Program to Date
Act 250	36	90	111
New Construction	4	28	51

3.1.6.1. CEO New Construction Committed Projects Summary

Committed MWh as of 12/31/01	Committed Measure Incentive as of 12/31/01	Participants with Committed Projects
2,611	$248,060	41

3.1.6.2. CEO New Construction Project Counts by Track

Track	Committed Projects as of 12/31/01	Completed Projects Year 2001	Completed Projects Program to Date
Act 250	36	90	111
New Construction	4	28	51

3.2.2. CEO Market Opportunities Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	195	287	nav	nav	449
# participants with audit/analysis	201	263	nav	nav	382
# of audits/analyses with pending action	128	98	nav	nav	98
# of audits/analyses with installations	60	184	nav	nav	242

Program Costs					
Administration					
Implementation	$329,911	$347,287	n/a	n/a	$677,198
Program Planning	$65,571	$74,615	n/a	n/a	$140,186
Marketing	$104,375	$167,439	n/a	n/a	$271,814
Subtotal Administration	$499,857	$589,340	n/a	n/a	$1,089,197
Implementation Costs					
Services to Participants	$247,060	$271,022	n/a	n/a	$518,081
Services to Trade Allies	$9,050	$6,899	n/a	n/a	$15,950
Subtotal Implementation Costs	$256,110	$277,921	n/a	n/a	$534,031
Incentive Costs					
Incentives to Participants	$268,424	$517,218	n/a	n/a	$785,642
Incentives to Trade Allies	$0	$0	n/a	n/a	$0
Subtotal Incentive Costs	$268,424	$517,218	n/a	n/a	$785,642
Total Efficiency Vermont Costs	$1,024,391	$1,384,479	n/a	n/a	$2,408,870
Total Participant Costs	$846,113	$976,007	n/a	n/a	$1,822,120
Total Third Party Costs	$0	$109,079	n/a	n/a	$109,079
Evaluation Costs	$0	$0	n/a	n/a	$0
Total Program Costs	$1,870,504	$2,469,565	n/a	n/a	$4,340,069

Total Measure Costs	$1,114,537	$1,602,304	n/a	n/a	$2,716,841
Total Cost of Services	$256,110	$277,921	n/a	n/a	$534,031
Annualized MWh Savings	6,206	9,257	nav	nav	15,463
Lifetime MWh Savings	95,865	145,469	nav	nav	241,334
Winter Coincident Peak KW Savings	1,231	1,479	nav	nav	2,710
Summer Coincident Peak KW Savings	716	1,311	nav	nav	2,027
Annualized MWh Savings/Participant	31.826	32.256	nav	nav	34.439
Weighted Lifetime	15	16	nav	nav	16
Loan Activity	$0	$0	$0	$0	$0

3.2.3. CEO Market Opportunities - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	24	542	482	7,917	55	174	0	0	$54,057	$84,858
Cooking and Laundry	1	0	0	0	0	0	14	37	$137	$135
Industrial Process Eff.	9	2,279	1,998	38,627	545	146	0	0	$89,633	$239,340
Lighting	203	1,890	1,850	23,649	299	296	0	0	$169,604	$189,967
Motors	55	2,234	1,902	34,862	300	375	0	0	$106,929	$258,183
Other Efficiency	2	481	434	7,213	58	58	0	0	$12,128	$11,955
Other Fuel Switch	1	9	8	179	10	10	-39	0	$507	$1,500
Refrigeration	17	1,633	1,475	30,043	183	225	1,682	0	$60,243	$150,675
Space Heat Fuel Switch	1	10	9	299	2	0	-35	0	$507	$3,041
Ventilation	5	179	158	2,680	26	26	204	0	$20,880	$36,353
Totals		9,257	8,317	145,469	1,479	1,311	1,826	37	$514,625	$976,007

3.2.4. CEO Market Opportunities - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	1	4	3	56	1	1	0	0	$172	$510
Citizens	8	69	56	1,221	11	8	0	0	$5,118	$6,205
CVPS	103	4,911	4,451	80,412	647	791	1,651	37	$275,087	$581,887
Enosburg Falls	2	28	26	420	0	0	0	0	$736	$1,172
Green Mountain	131	2,297	2,073	35,054	278	371	-74	0	$163,033	$266,313
Hardwick	2	1	1	19	0	0	0	0	$193	$0
Johnson	2	4	4	60	1	1	0	0	$683	$197
Ludlow	1	1,188	1,015	17,813	414	0	0	0	$27,392	$76,405
Lyndonville	3	57	67	1,094	8	8	0	0	$5,085	$2,428
Morrisville	3	26	25	414	3	4	0	0	$2,293	$2,730
Northfield	2	2	2	34	0	0	0	0	$431	$15
Orleans	3	289	247	4,432	61	83	0	0	$15,998	$18,339
Rochester	2	1	1	22	0	0	0	0	$710	$0
Stowe	9	202	182	1,831	29	15	249	0	$7,086	$14,551
Swanton	3	92	80	1,405	13	17	0	0	$1,187	$1,805
VT Electric Coop	7	83	79	1,098	11	10	0	0	$7,786	$3,463
Washington Electric	5	5	5	84	1	1	0	0	$1,635	-$12
Totals	287	9,257	8,317	145,469	1,479	1,311	1,826	37	$514,625	$976,007

3.2.5. CEO Market Opportunities - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	12	648	585	9,780	82	80	0	0	$34,030	$87,036
Bennington	12	1,273	1,158	23,701	152	173	1,682	0	$72,291	$147,055
Caledonia	18	245	280	3,859	52	53	0	0	$18,151	$14,093
Chittenden	87	1,351	1,201	20,023	164	193	-35	0	$95,698	$120,512
Franklin	12	464	401	7,184	49	65	0	0	$21,203	$48,373
Grand Isle	1	14	14	283	1	4	0	0	$968	$189
Lamoille	16	309	283	3,293	43	29	249	0	$16,260	$20,883
Orange	7	18	20	322	2	3	14	37	$4,596	$197
Orleans	11	325	280	4,997	68	85	0	0	$19,614	$23,374
Rutland	30	844	761	12,559	142	192	-46	0	$70,952	$116,663
Washington	39	932	858	14,543	103	159	0	0	$48,349	$79,093
Windham	26	1,310	1,160	21,212	163	228	-39	0	$64,356	$182,473
Windsor	17	1,525	1,317	23,714	457	48	0	0	$48,156	$136,067
Totals	288	9,257	8,317	145,469	1,479	1,311	1,826	37	$514,625	$976,007

3.2.6.1. CEO Market Opportunities Committed Projects Summary

Committed MWh as of 12/31/01	Committed Measure Incentive as of 12/31/01	Participants with Committed Projects
2,635	$246,419	29

3.2.6.2. CEO Market Opportunities Project Counts by Track

Track	Committed Projects as of 12/31/01	Completed Projects Year 2001	Completed Projects Program to Date
Custom	13	78	129
Farm	16	0	0
Prescriptive	0	245	394

3.2.6.3. CEO Market Opportunities Participating Vendors [a]

Vendor Type	Lighting	Motors	HVAC	Total
Electrical Supplier/Contractor	51	7		58
Motor Supplier/Contractor		9		9
HVAC Supplier/Contractor			111	111
Total	51	16	111	178

3.3.2. Dairy Farms Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	96	81	nav	nav	169
# participants with audit/analysis [a]	196	87	nav	nav	165
# of audits/analyses with pending action [a]	119	0	nav	nav	0
# of audits/analyses with installations	96	60	nav	nav	94

Program Costs					
Administration					
Implementation	$130,569	$94,940	$84,218	$0	$225,509
Program Planning	$13,049	$11,600	$13,407	$0	$24,649
Marketing	$0	$0	$0	$0	$0
Subtotal Administration	$143,618	$106,540	$97,625	$0	$250,158
Implementation Costs					
Services to Participants	$85,593	$81,201	$128,509	$0	$166,795
Services to Trade Allies	$0	$0	$0	$0	$0
Subtotal Implementation Costs	$85,593	$81,201	$128,509	$0	$166,795
Incentive Costs					
Incentives to Participants	$192,295	$213,373	$272,647	$0	$405,667
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$192,295	$213,373	$272,647	$0	$405,667
Total Efficiency Vermont Costs	$421,506	$401,114	$498,780	$0	$822,620
Total Participant Costs	$220,126	$159,312	nav	nav	$379,438
Total Third Party Costs	$0	$0	nav	nav	$0
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$641,632	$560,426	$498,780	$0	$1,202,058

Total Measure Costs	$412,421	$372,685	$272,647	$0	$785,105
Total Cost of Services	$85,593	$81,201	$128,509	$0	$166,795
Annualized MWh Savings	1,270	976	1,000	0	2,246
Lifetime MWh Savings	16,052	13,481	nav	nav	29,533
Winter Coincident Peak KW Savings	193	150	nav	nav	343
Summer Coincident Peak KW Savings	119	100	nav	nav	220
Annualized MWh Savings/Participant	13.229	12.053	nav	nav	13.289
Weighted Lifetime	13	14	nav	nav	13
Loan Activity	$0	$0	$0	$0	$0

3.3.3. Dairy Farms - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Hot Water Efficiency	4	30	26	300	6	3	0	0	$5,856	$4,222
Hot Water Fuel Switch	13	211	180	4,214	32	22	-899	0	$27,810	$17,401
Lighting	30	171	147	2,485	36	19	0	0	$40,863	$33,839
Motors	36	418	358	4,702	57	41	0	0	$104,423	$85,476
Refrigeration	9	142	122	1,709	18	15	0	0	$33,432	$17,849
Space Heat Fuel Switch	2	4	3	71	1	0	-18	0	$989	$525
Totals		976	836	13,481	150	100	-917	0	$213,372	$159,312

3.3.4. Dairy Farms - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	1	10	9	119	1	1	0	0	$2,739	$1,800
Citizens	11	130	112	1,801	20	14	-58	0	$22,829	$16,570
CVPS	25	364	311	5,504	55	35	-540	0	$73,078	$57,539
Enosburg Falls	5	47	41	742	11	6	-64	0	$14,306	$12,926
Green Mountain	15	190	163	2,481	27	22	-166	0	$48,728	$34,082
Hardwick	1	7	7	75	1	1	0	0	$2,617	$1,720
Lyndonville	3	36	31	461	5	4	-43	0	$6,154	$3,195
Morrisville	1	14	12	136	2	1	0	0	$1,826	$0
Stowe	1	34	29	385	4	3	0	0	$7,444	$4,892
Swanton	1	6	5	64	1	0	0	0	$2,925	$1,922
VT Electric Coop	14	110	94	1,415	18	11	-46	0	$24,362	$20,252
Washington Electric	3	28	24	300	4	2	0	0	$6,364	$4,415
Totals	81	976	836	13,481	150	100	-917	0	$213,372	$159,312

3.3.5. Dairy Farms - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	19	274	234	3,365	36	29	-118	0	$70,369	$48,230
Bennington	2	35	30	603	5	3	-108	0	$5,713	$4,129
Caledonia	5	48	41	604	7	5	-43	0	$9,482	$5,615
Chittenden	6	47	40	761	10	5	-96	0	$10,047	$7,970
Essex	1	9	8	134	1	1	0	0	$1,669	$1,645
Franklin	30	327	279	4,672	54	33	-280	0	$73,121	$63,489
Grand Isle	1	0	0	6	0	0	0	0	$122	$160
Lamoille	3	54	46	585	7	5	0	0	$11,584	$6,412
Orange	1	6	5	58	1	1	0	0	$2,179	$1,432
Orleans	4	72	62	1,049	11	8	-58	0	$8,645	$3,048
Rutland	3	41	35	674	6	3	-78	0	$8,029	$8,686
Washington	3	25	21	256	4	2	0	0	$6,171	$4,395
Windham	1	7	6	83	1	0	0	0	$2,572	$1,690
Windsor	2	32	27	630	5	4	-136	0	$3,670	$2,412
Totals	81	976	836	13,481	150	100	-917	0	$213,372	$159,312

3.3.6.1. Dairy Farms Project Counts by Track [a]

Track	Committed Projects as of 12/31/01	Completed Projects Year 2001	Completed Projects Program to Date
New Construction	0	3	16
Retrofit	0	80	158

3.4.2. C&I Emerging Markets Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	nap	25	nav	nav	25
# participants with audit/analysis	nap	42	nav	nav	42
# of audits/analyses with pending action	nap	21	nav	nav	21
# of audits/analyses with installations	nap	19	nav	nav	19

Program Costs					
Administration					
Implementation	$0	$212,302	$233,525	$466,852	$212,302
Program Planning	$3,425	$25,642	$48,505	$36,917	$29,066
Marketing	$47	$48,528	$52,064	$76,218	$48,575
Subtotal Administration	$3,472	$286,472	$334,094	$579,987	$289,943
Implementation Costs					
Services to Participants	$0	$112,183	$128,710	$256,965	$112,183
Services to Trade Allies	$0	$2,727	$1,244	$2,484	$2,727
Subtotal Implementation Costs	$0	$114,910	$129,954	$259,449	$114,910
Incentive Costs					
Incentives to Participants	$0	$181,769	$224,682	$527,540	$181,769
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$0	$181,769	$224,682	$527,540	$181,769
Total Efficiency Vermont Costs	$3,472	$583,151	$688,731	$1,366,976	$586,623
Total Participant Costs	$0	$321,668	nav	nav	$321,668
Total Third Party Costs	$0	$0	nav	nav	$0
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$3,472	$904,819	$688,731	$1,366,976	$908,291

Total Measure Costs	$0	$503,437	$224,682	$527,540	$503,437
Total Cost of Services	$0	$114,910	$129,954	$259,449	$114,910
Annualized MWh Savings	nap	2,277	1,500	4,000	2,277
Lifetime MWh Savings	nap	39,671	nav	nav	39,671
Winter Coincident Peak KW Savings	nap	574	nav	nav	574
Summer Coincident Peak KW Savings	nap	201	nav	nav	201
Annualized MWh Savings/Participant	nap	91.090	nav	nav	91.090
Weighted Lifetime	nap	17	nav	nav	17
Loan Activity	$0	$0	$0	$0	$0

3.4.3. C&I Emerging Markets Initiatives - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Hot Water Fuel Switch	2	56	53	1,667	10	6	-194	0	$2,615	$2,708
Industrial Process Eff.	4	986	936	13,997	355	15	0	0	$62,753	$43,020
Lighting	13	1,105	1,047	20,169	174	177	0	0	$104,119	$215,436
Other Fuel Switch	1	5	5	108	3	3	-20	0	$304	$1,520
Refrigeration	1	2	2	27	0	0	0	0	$41	$120
Space Heat Efficiency	1	0	0	0	0	0	101	0	$0	$10,134
Space Heat Fuel Switch	5	123	117	3,703	33	0	-436	0	$11,937	$48,730
Totals		2,277	2,160	39,671	574	201	-549	0	$181,769	$321,668

3.4.4. C&I Emerging Markets Initiatives - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Burlington	4	144	136	2,159	22	24	0	0	$16,508	$54,829
Citizens	2	518	492	7,767	210	0	0	0	$39,809	$9,483
CVPS	10	1,042	988	19,848	163	149	-391	0	$90,721	$159,998
Green Mountain	6	155	147	3,188	34	25	-42	0	$12,515	$53,444
Johnson	1	27	26	813	8	0	-96	0	$1,825	$13,691
Ludlow	1	386	366	5,787	134	0	0	0	$20,087	$28,703
VT Electric Coop	1	5	5	108	3	3	-20	0	$304	$1,520
Totals	25	2,277	2,160	39,671	574	201	-549	0	$181,769	$321,668

3.4.5. C&I Emerging Markets Initiatives - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	2	118	111	2,382	24	9	-214	0	$11,508	$28,204
Bennington	2	643	609	12,803	97	99	0	0	$61,153	$80,980
Caledonia	1	49	46	871	7	7	0	0	$3,941	$17,790
Chittenden	7	281	266	4,807	51	48	-82	0	$26,084	$92,465
Franklin	3	72	68	1,429	13	14	-20	0	$8,025	$19,059
Lamoille	1	27	26	813	8	0	-96	0	$1,825	$13,691
Orleans	1	516	490	7,740	210	0	0	0	$39,768	$9,363
Rutland	2	107	102	1,575	15	14	-177	0	$4,186	$4,319
Washington	2	9	8	258	2	0	72	0	$2,196	$15,076
Windham	2	64	61	1,103	11	9	-33	0	$2,853	$8,332
Windsor	2	393	373	5,890	136	1	0	0	$20,229	$32,389
Totals	25	2,277	2,160	39,671	574	201	-549	0	$181,769	$321,668

3.5.2. Residential New Construction Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations[a]	611	622	640	528	1,232
# participants with audit/analysis[b]	356	783	424	504	1,924
# of audits/analyses with pending action	nap	52	nap	nap	52
# of audits/analyses with installations	356	729	424	504	1,870

Program Costs					
Administration					
Implementation	$124,375	$132,359	$124,025	$177,060	$256,733
Program Planning	$24,263	$46,753	$36,501	$29,311	$71,016
Marketing	$98,896	$261,456	$245,465	$208,193	$360,352
Subtotal Administration	$247,534	$440,568	$405,991	$414,564	$688,102
Implementation Costs					
Services to Participants	$59,386	$124,586	$123,551	$171,592	$183,971
Services to Trade Allies	$10,842	$34,157	$33,873	$47,045	$45,000
Subtotal Implementation Costs	$70,228	$158,743	$157,424	$218,636	$228,971
Incentive Costs					
Incentives to Participants	$207,222	$321,148	$306,470	$387,274	$528,370
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$207,222	$321,148	$306,470	$387,274	$528,370
Total Efficiency Vermont Costs	$524,984	$920,459	$869,885	$1,020,474	$1,445,443
Total Participant Costs	$247,377	$381,793	nav	nav	$629,170
Total Third Party Costs	$0	$27,367	nav	nav	$27,367
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$772,361	$1,329,619	$869,885	$1,020,474	$2,101,980

Total Measure Costs	$454,599	$730,308	$306,470	$387,274	$1,184,907
Total Cost of Services	$70,228	$158,743	$157,424	$218,636	$228,971
Annualized MWh Savings	727	974	691	753	1,700
Lifetime MWh Savings	13,287	17,969	nav	nav	31,256
Winter Coincident Peak KW Savings	110	148	nav	nav	258
Summer Coincident Peak KW Savings	79	130	nav	nav	209
Annualized MWh Savings/Participant	1.189	1.565	1.079	1.427	1.380
Weighted Lifetime	18	18	nav	nav	18
Loan Activity	$0	$0	$0	$0	$0

3.5.3. Residential New Construction - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	65	27	22	684	1	53	0	0	$0	$7,031
Cooking and Laundry	98	12	10	12	3	2	28	19	$0	$2,538
Hot Water Efficiency	431	1	1	11	0	0	2,776	0	$0	$184,327
Lighting	578	762	667	14,768	116	61	0	0	$132,814	$21,377
Other Indirect Activity	437	0	0	0	0	0	0	0	$128,639	-$11,800
Refrigeration	186	22	19	382	3	3	0	0	$2,891	$2,760
Space Heat Efficiency	431	42	34	1,043	13	0	8,140	0	$0	$184,250
Ventilation	500	107	87	1,069	12	12	0	0	$56,023	-$8,690
Totals		974	841	17,969	148	130	10,945	19	$320,367	$381,793

3.5.4. Residential New Construction - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Citizens	23	45	38	808	7	3	314	0	$11,284	$10,953
CVPS	201	306	263	5,759	47	35	2,965	3	$73,497	$109,139
Green Mountain	334	501	434	9,221	76	81	6,776	11	$193,647	$231,501
Hardwick	1	2	2	42	0	0	34	0	$652	$1,310
Hyde Park	1	2	1	35	0	0	19	0	$101	$1,050
Lyndonville	2	3	2	52	0	0	0	0	$670	-$97
Morrisville	2	3	3	54	0	0	19	0	$964	$680
Rochester	2	3	3	59	1	0	34	0	$1,456	$841
Stowe	4	14	12	270	2	1	96	0	$3,520	$3,587
Swanton	3	2	1	24	0	0	19	0	$308	$1,124
VT Electric Coop	49	94	81	1,645	14	8	669	4	$34,268	$21,703
Totals	622	974	841	17,969	148	130	10,944	19	$320,367	$381,793

3.5.5. Residential New Construction - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	11	19	16	333	3	1	159	0	$4,491	$6,806
Bennington	8	16	13	295	2	1	68	0	$3,322	$2,170
Caledonia	6	12	10	219	2	1	34	0	$3,165	$1,293
Chittenden	348	477	413	8,780	73	79	7,242	11	$187,120	$252,023
Franklin	39	67	57	1,196	10	6	785	2	$27,062	$21,795
Grand Isle	6	7	6	108	1	1	72	0	$2,773	$2,089
Lamoille	31	75	65	1,381	12	6	557	4	$31,470	$17,745
Orange	36	62	54	1,161	9	5	107	0	$12,188	$2,723
Orleans	14	33	28	614	5	3	120	0	$3,654	$5,935
Rutland	25	48	41	886	7	7	467	0	$11,174	$16,582
Washington	11	15	12	231	2	1	243	1	$6,333	$6,629
Windham	41	67	58	1,344	11	5	693	0	$9,672	$30,524
Windsor	46	77	67	1,421	11	14	399	0	$17,944	$15,480
Totals	622	974	841	17,969	148	130	10,945	19	$320,367	$381,793

3.5.6.1. Residential New Construction Home Counts

Indicator	Quantity - Year 2001
Number of homes enrolled:	699
Number of Vermont Star Homes enrolled:	429
Number of completed homes:	622
Number of completed Vermont Star Homes:	193

3.5.6.2. Residential New Construction Builder Counts

Indicator	Quantity - Year 2001
Number of different builders who participated:	85
Number of new builders who participated:	40

3.5.6.3. Residential New Construction Lighting Fixtures Installed

Indicator	Quantity - Year 2001
Average number of efficient fixtures installed in Vermont Star Homes:	13.66
Average number of efficient fixtures installed in non-Vermont Star Homes:	4.77

3.6.2. Efficient Products Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	14,898	27,596	nav	nav	38,626
# participants with audit/analysis	nap	nap	nap	nap	nap
# of audits/analyses with pending action	nap	nap	nap	nap	nap
# of audits/analyses with installations	nap	nap	nap	nap	nap

Program Costs					
Administration					
Implementation	$315,519	$280,839	$286,377	$278,354	$596,358
Program Planning	$66,076	$64,099	$89,018	$48,649	$130,175
Marketing	$205,226	$214,798	$238,867	$153,462	$420,024
Subtotal Administration	$586,821	$559,736	$614,262	$480,465	$1,146,557
Implementation Costs					
Services to Participants	$0	$0	$0	$0	$0
Services to Trade Allies	$166,918	$197,713	$209,901	$215,124	$364,632
Subtotal Implementation Costs	$166,918	$197,713	$209,901	$215,124	$364,632
Incentive Costs					
Incentives to Participants	$845,072	$1,270,658	$1,320,079	$926,473	$2,115,730
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$845,072	$1,270,658	$1,320,079	$926,473	$2,115,730
Total Efficiency Vermont Costs	$1,598,811	$2,028,108	$2,144,242	$1,622,062	$3,626,919
Total Participant Costs	$774,881	$1,311,447	nav	nav	$2,086,328
Total Third Party Costs	$0	$42,628	nav	nav	$42,628
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$2,373,692	$3,382,183	$2,144,242	$1,622,062	$5,755,875

Total Measure Costs	$1,619,953	$2,624,733	$1,320,079	$926,473	$4,244,687
Total Cost of Services	$166,918	$197,713	$209,901	$215,124	$364,632
Annualized MWh Savings	7,747	14,168	11,090	9,217	21,915
Lifetime MWh Savings	82,940	143,015	nav	nav	225,956
Winter Coincident Peak KW Savings	1,376	2,314	nav	nav	3,689
Summer Coincident Peak KW Savings	793	1,403	nav	nav	2,196
Annualized MWh Savings/Participant	0.520	0.513	nav	nav	0.567
Weighted Lifetime	11	10	nav	nav	10
Loan Activity	$0	$0	$0	$0	$0

3.6.3. Efficient Products - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Cooking and Laundry	2,715	1,148	848	16,078	283	208	3,807	6,806	$178,880	$557,805
Lighting	25,609	13,019	10,042	126,937	2,030	1,196	0	0	$1,091,064	$753,642
Totals		14,168	10,891	143,015	2,314	1,403	3,807	6,806	$1,269,944	$1,311,447

3.6.4. Efficient Products - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	128	58	44	511	9	5	15	28	$4,606	$6,691
Burlington	99	76	59	815	12	7	0	0	$7,451	$4,153
Citizens	1,241	583	450	6,278	95	56	147	263	$55,553	$57,366
CVPS	11,563	6,211	4,773	62,444	1,016	617	1,770	3,163	$550,869	$587,950
Enosburg Falls	186	107	83	1,305	17	10	13	23	$11,505	$6,972
Green Mountain	8,665	4,337	3,332	43,468	711	438	1,232	2,203	$382,883	$406,602
Hardwick	614	319	246	3,133	51	30	31	55	$28,732	$22,577
Hyde Park	163	79	61	844	13	7	14	25	$8,279	$5,920
Jacksonville	28	13	10	122	2	1	7	13	$1,094	$2,010
Johnson	65	33	26	352	5	3	7	13	$3,308	$2,591
Ludlow	96	61	46	530	10	7	13	23	$3,953	$4,599
Lyndonville	336	165	127	1,674	27	15	22	40	$15,651	$14,161
Morrisville	427	227	174	2,271	37	22	43	78	$21,791	$18,042
Northfield	174	97	75	908	16	9	17	30	$7,866	$9,498
Orleans	36	23	18	170	4	2	0	0	$1,205	$1,672
Readsboro	11	5	4	50	1	0	1	3	$457	$505
Rochester	57	29	22	274	5	3	10	18	$2,410	$3,021
Stowe	248	161	123	1,451	27	19	53	95	$12,305	$14,396
Swanton	379	188	146	2,085	30	18	34	60	$19,031	$13,605
VT Electric Coop	1,878	796	612	8,365	131	77	255	456	$77,750	$80,047
VT Marble	77	48	37	471	8	5	7	13	$3,830	$3,567
Washington Electric	1,125	549	422	5,493	89	52	116	208	$49,413	$45,501
Totals	27,596	14,168	10,891	143,015	2,314	1,403	3,807	6,806	$1,269,944	$1,311,447

3.6.5. Efficient Products - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	2,000	984	756	9,936	161	99	279	498	$85,948	$94,384
Bennington	1,212	634	488	7,124	107	70	307	548	$60,963	$75,468
Caledonia	1,495	732	564	7,356	117	69	81	145	$66,569	$53,441
Chittenden	6,502	3,113	2,392	31,944	514	313	998	1,784	$288,232	$309,161
Essex	160	77	60	840	13	7	17	30	$7,724	$7,365
Franklin	2,100	1,026	793	11,296	167	98	244	436	$102,737	$87,480
Grand Isle	354	166	129	2,016	27	16	53	95	$17,957	$16,854
Lamoille	1,424	757	582	7,531	123	76	182	326	$70,198	$63,795
Orange	1,064	548	422	5,732	89	52	126	225	$51,350	$51,550
Orleans	949	422	323	3,823	69	41	102	183	$33,990	$44,406
Rutland	3,357	2,051	1,574	19,566	332	199	475	849	$172,494	$170,447
Unknown [a]	35	16	12	160	3	2	10	18	$1,188	$2,094
Washington	3,379	1,717	1,321	17,146	278	170	382	684	$148,840	$143,148
Windham	1,397	723	553	6,781	118	72	218	391	$59,956	$74,257
Windsor	2,171	1,200	921	11,763	196	119	333	595	$101,798	$117,598
Totals	27,599	14,168	10,891	143,015	2,314	1,403	3,807	6,806	$1,269,944	$1,311,447

3.6.6.1. Efficient Products Product Counts

Indicator	Quantity
Number of rebates for efficient clothes washers:	2,719
Number of rebates for CFLs:	96,239
Number of rebates for efficient hardwired fixtures:	23,232
Number of rebates for torchieres:	4,546

3.6.6.2. Efficient Products Retailer Counts

Indicator	Quantity
Number of participating lighting dealers:	125
Number of participating appliance dealers:	70

3.7.2. Low Income Multifamily (REEP) Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations[a]	837	1,254	nav	nav	1,657
# participants with audit/analysis	987	1,126	nav	nav	2,027
# of audits/analyses with pending action	892	1,963	nav	nav	1,963
# of audits/analyses with installations	74	1,060	nav	nav	1,678

Program Costs					
Administration					
Implementation	$195,060	$262,368	$232,572	$281,600	$457,428
Program Planning	$45,425	$42,992	$37,885	$31,193	$88,416
Marketing	$46,587	$72,577	$52,439	$68,728	$119,164
Subtotal Administration	$287,072	$377,937	$322,896	$381,522	$665,009
Implementation Costs					
Services to Participants	$142,758	$197,901	$280,436	$309,572	$340,659
Services to Trade Allies	$2,681	$2,784	$1,979	$2,184	$5,465
Subtotal Implementation Costs	$145,439	$200,684	$282,414	$311,756	$346,124
Incentive Costs					
Incentives to Participants	$303,431	$257,528	$390,481	$786,704	$560,959
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$303,431	$257,528	$390,481	$786,704	$560,959
Total Efficiency Vermont Costs	$735,942	$836,149	$995,791	$1,479,982	$1,572,091
Total Participant Costs	$767,757	$785,195	nav	nav	$1,552,952
Total Third Party Costs	$57,530	$114,012	nav	nav	$171,542
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$1,561,229	$1,735,356	$995,791	$1,479,982	$3,296,585

Total Measure Costs	$1,128,718	$1,156,735	$390,481	$786,704	$2,285,453
Total Cost of Services	$145,439	$200,684	$282,414	$311,756	$346,124
Annualized MWh Savings	2,159	1,822	1,750	2,070	3,980
Lifetime MWh Savings	54,375	39,488	nav	nav	93,863
Winter Coincident Peak KW Savings	548	334	nav	nav	882
Summer Coincident Peak KW Savings	160	164	nav	nav	324
Annualized MWh Savings/Participant	2.579	1.453	nav	nav	2.402
Weighted Lifetime	25	22	nav	nav	24
Loan Activity	$0	$0	$0	$0	$0

3.7.3. Low Income Multi-Family (REEP) - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Cooking and Laundry	443	10	9	130	2	1	303	865	$5,120	$28,888
Hot Water Efficiency	269	5	4	42	1	1	1,843	3,347	$11	$38,057
Hot Water Fuel Switch	139	297	254	8,919	45	30	-1,066	0	$28,031	$69,619
Lighting	1,040	866	792	15,921	119	76	0	0	$147,872	$115,534
Other Fuel Switch	351	165	141	4,139	33	24	-534	0	$12,940	$12,717
Other Indirect Activity	109	0	0	0	0	0	0	0	$0	$12,750
Refrigeration	529	108	92	1,833	13	13	0	0	$15,307	$40,628
Space Heat Efficiency	373	3	2	38	1	0	5,745	0	$457	$336,459
Space Heat Fuel Switch	228	249	213	7,467	107	6	-871	0	$31,891	$116,638
Ventilation	346	118	102	1,000	13	13	102	0	$18,467	$13,905
Totals		1,822	1,609	39,488	334	164	5,522	4,212	$260,096	$785,195

3.7.4. Low Income Multi-Family (REEP) - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	15	30	28	490	4	3	217	498	$7,867	$7,611
Citizens	24	25	21	638	4	3	-19	20	$3,551	$4,745
CVPS	873	999	885	20,413	191	94	5,434	2,889	$140,162	$572,407
Green Mountain	295	663	576	16,028	121	54	-334	796	$98,412	$193,637
Morrisville	31	100	94	1,900	13	10	223	8	$9,505	$6,795
Swanton	16	5	4	20	1	0	0	0	$599	$0
Totals	1,254	1,822	1,609	39,488	334	164	5,522	4,212	$260,096	$785,195

3.7.5. Low Income Multi-Family (REEP) - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	23	14	12	217	2	1	39	104	$2,232	$4,050
Bennington	175	162	142	2,930	24	15	1,411	721	$27,495	$42,610
Caledonia	83	419	368	10,976	114	30	-240	0	$40,932	$142,370
Chittenden	72	93	85	1,622	13	8	408	359	$29,131	$21,406
Essex	0	23	20	618	4	3	-19	4	$3,297	$4,250
Franklin	106	17	15	129	3	2	0	16	$2,520	$1,175
Lamoille	63	190	177	3,641	25	20	285	153	$24,519	$29,039
Orange	20	64	60	1,208	8	7	473	130	$9,435	$8,240
Orleans	15	30	28	490	4	3	217	498	$7,867	$7,611
Rutland	361	160	139	3,177	29	17	1,042	327	$22,812	$97,362
Washington	102	441	378	11,478	80	40	-565	334	$59,879	$148,853
Windham	201	204	181	2,973	27	19	2,471	1,567	$29,031	$278,229
Windsor	33	4	4	30	1	0	0	0	$946	$0
Totals	1,254	1,822	1,609	39,488	334	164	5,522	4,212	$260,096	$785,195

3.7.6.1. Low Income Multifamily Committed Projects Summary

Committed MWh as of 12/31/01	Committed Measure Incentive as of 12/31/01	Participants with Committed Projects
625	$138,068	29

3.7.6.2. Low Income Multifamily Project Counts

Track	Committed Projects as of 12/31/01	Completed Projects Year 2001	Completed Projects Program to Date
New Construction	5	2	2
Retrofit/Rehab	24	15	38

3.7.6.3. Low Income Multifamily Utility Account Counts

Unique Utility Account Number Year 2001	Unique Utility Account Number Program to Date
469	718

3.8.2. Low Income Single Family Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	487	941	900	990	1,420
# participants with audit/analysis[a]	487	953	nap	nap	1,467
# of audits/analyses with pending action[b]	nap	nap	nap	nap	nap
# of audits/analyses with installations	484	938	nap	nap	1,426

Program Costs					
Administration					
Implementation	$54,717	$139,179	$171,627	$225,799	$193,896
Program Planning	$8,974	$21,163	$32,740	$22,441	$30,137
Marketing	$8,501	$36,094	$40,170	$48,931	$44,595
Subtotal Administration	$72,192	$196,435	$244,537	$297,171	$268,627
Implementation Costs					
Services to Participants	$30,351	$152,895	$209,500	$262,907	$183,246
Services to Trade Allies	$0	$0	$0	$0	$0
Subtotal Implementation Costs	$30,351	$152,895	$209,500	$262,907	$183,246
Incentive Costs					
Incentives to Participants	$45,938	$395,344	$368,874	$504,759	$441,281
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$45,938	$395,344	$368,874	$504,759	$441,281
Total Efficiency Vermont Costs	$148,481	$744,674	$822,911	$1,064,837	$893,155
Total Participant Costs	$0	$0	nav	nav	$0
Total Third Party Costs	$1,403	$76,094	nav	nav	$77,497
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$149,884	$820,768	$822,911	$1,064,837	$970,652

Total Measure Costs	$47,341	$471,438	$368,874	$504,759	$518,778
Total Cost of Services	$30,351	$152,895	$209,500	$262,907	$183,246
Annualized MWh Savings	395	1,689	1,557	1,779	2,083
Lifetime MWh Savings	3,253	31,152	nav	nav	34,406
Winter Coincident Peak KW Savings	65	320	nav	nav	385
Summer Coincident Peak KW Savings	39	145	nav	nav	184
Annualized MWh Savings/Participant	0.811	1.794	1.730	1.797	1.467
Weighted Lifetime	8	18	nav	nav	17
Loan Activity	$0	$0	$0	$0	$0

3.8.3. Low Income Single Family - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Hot Water Efficiency	456	240	205	1,869	41	30	0	1,992	$19,657	$0
Hot Water Fuel Switch	84	532	454	15,967	93	59	-2,115	0	$112,409	$0
Lighting	886	512	439	3,954	81	43	0	0	$117,847	$0
Refrigeration	72	110	95	552	13	13	0	0	$39,752	$0
Space Heat Fuel Switch	24	294	250	8,810	91	0	-1,028	0	$97,706	$0
Totals		1,689	1,443	31,152	320	145	-3,143	1,992	$387,371	$0

3.8.4. Low Income Single Family - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	12	26	22	618	6	1	-64	15	$8,786	$0
Citizens	112	272	232	5,640	53	23	-603	259	$64,851	$0
CVPS	422	665	569	11,202	124	57	-1,063	888	$150,520	$0
Enosburg Falls	9	11	9	73	2	1	0	50	$1,893	$0
Green Mountain	172	386	330	7,958	79	29	-872	330	$85,355	$0
Hardwick	21	25	21	469	4	3	-51	26	$5,800	$0
Hyde Park	12	22	19	454	4	2	-56	5	$4,344	$0
Jacksonville	5	4	3	36	1	0	0	5	$1,142	$0
Johnson	4	3	2	17	0	0	0	9	$423	$0
Ludlow	6	8	7	53	1	1	0	11	$1,786	$0
Lyndonville	28	46	40	923	8	5	-86	106	$10,084	$0
Morrisville	14	13	11	94	2	1	0	9	$2,507	$0
Northfield	13	11	9	69	2	1	0	11	$2,150	$0
Orleans	4	14	12	394	2	2	-49	0	$3,885	$0
Rochester	2	1	1	6	0	0	0	0	$165	$0
Stowe	1	1	1	9	0	0	0	5	$188	$0
Swanton	17	25	21	309	4	3	-27	62	$5,298	$0
VT Electric Coop	53	119	102	2,273	21	11	-230	163	$30,539	$0
VT Marble	2	1	1	5	0	0	0	2	$121	$0
Washington Electric	32	36	31	550	6	4	-42	36	$7,533	$0
Totals	941	1,689	1,443	31,152	320	145	-3,143	1,992	$387,371	$0

3.8.5. Low Income Single Family - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Addison	46	105	89	2,238	18	11	-266	203	$19,223	$0
Bennington	80	116	99	2,361	25	7	-263	2	$32,075	$0
Caledonia	69	123	105	2,514	22	12	-249	204	$26,548	$0
Chittenden	69	132	113	2,394	24	12	-248	192	$25,432	$0
Essex	20	30	25	503	5	3	-39	60	$6,528	$0
Franklin	92	172	147	2,845	29	18	-265	314	$35,312	$0
Grand Isle	17	49	42	1,033	11	3	-113	60	$12,344	$0
Lamoille	42	52	44	651	8	5	-56	55	$9,548	$0
Orange	40	37	32	242	6	4	0	28	$6,448	$0
Orleans	83	194	166	4,202	39	15	-456	116	$53,426	$0
Rutland	91	193	165	3,672	39	15	-373	219	$48,834	$0
Washington	95	100	86	1,041	18	9	-64	108	$16,378	$0
Windham	89	197	168	4,016	41	14	-426	216	$55,635	$0
Windsor	108	189	161	3,442	35	16	-325	217	$39,640	$0
Totals	941	1,689	1,443	31,152	320	145	-3,143	1,992	$387,371	$0

3.9.2. Residential Emerging Markets Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	nap	88	675	2,205	88
# participants with audit/analysis	nap	98	nap	nap	98
# of audits/analyses with pending action	nap	nap	nap	nap	nap
# of audits/analyses with installations	nap	88	nap	nap	88

Program Costs					
Administration					
Implementation	$0	$61,726	$92,613	$165,303	$61,726
Program Planning	$3,489	$7,685	$20,619	$17,547	$11,174
Marketing	$0	$8,083	$24,817	$30,256	$8,083
Subtotal Administration	$3,489	$77,493	$138,048	$213,107	$80,983
Implementation Costs					
Services to Participants	$0	$32,613	$48,800	$84,035	$32,613
Services to Trade Allies	$0	$0	$0	$0	$0
Subtotal Implementation Costs	$0	$32,613	$48,800	$84,035	$32,613
Incentive Costs					
Incentives to Participants	$0	$34,237	$87,311	$188,674	$34,237
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$0	$34,237	$87,311	$188,674	$34,237
Total Efficiency Vermont Costs	$3,489	$144,343	$274,159	$485,815	$147,833
Total Participant Costs	$0	$48,987	nav	nav	$48,987
Total Third Party Costs	$0	$6,060	nav	nav	$6,060
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$3,489	$199,391	$274,159	$485,815	$202,880

Total Measure Costs	$0	$89,284	$87,311	$188,674	$89,284
Total Cost of Services	$0	$32,613	$48,800	$84,035	$32,613
Annualized MWh Savings	nap	265	457	1,108	265
Lifetime MWh Savings	nap	6,611	nav	nav	6,611
Winter Coincident Peak KW Savings	nap	59	nav	nav	59
Summer Coincident Peak KW Savings	nap	12	nav	nav	12
Annualized MWh Savings/Participant	nap	3.010	0.676	0.503	3.010
Weighted Lifetime	nap	25	nav	nav	25
Loan Activity	$0	$0	$0	$0	$0

3.9.3. Residential Emerging Markets Initiatives - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Hot Water Efficiency	28	10	9	75	2	1	0	79	$0	$898
Hot Water Fuel Switch	11	54	51	1,620	9	6	-223	0	$5,528	$9,309
Lighting	81	43	41	259	7	4	0	0	$10,634	$0
Refrigeration	2	3	3	15	0	0	0	0	$203	$2,014
Space Heat Fuel Switch	13	155	146	4,642	40	1	-505	0	$17,501	$36,766
Totals		265	251	6,611	59	12	-728	79	$33,866	$48,987

3.9.4. Residential Emerging Markets Initiatives - Utility Breakdown

Utility	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Barton	7	10	9	175	2	1	-20	10	$1,782	$1,063
CVPS	11	30	28	741	8	1	-78	2	$2,898	$4,022
Green Mountain	10	86	82	2,460	17	3	-291	22	$9,678	$20,012
Hardwick	11	20	19	384	4	1	-39	21	$3,670	$7,508
Hyde Park	4	2	2	14	0	0	0	2	$461	$6
Ludlow	3	54	51	1,633	16	1	-157	0	$6,670	$12,566
Lyndonville	13	16	16	282	3	2	-36	4	$2,603	$1,013
Morrisville	13	14	14	224	2	1	-21	12	$2,594	$1,489
Orleans	2	2	1	10	0	0	0	0	$403	$35
Stowe	1	0	0	3	0	0	0	0	$144	$0
Swanton	13	29	28	686	6	2	-87	6	$2,963	$1,275
Totals	88	265	251	6,611	59	12	-728	79	$33,866	$48,987

3.9.5. Residential Emerging Markets Initiatives - County Breakdown

County	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Caledonia	19	21	20	313	3	2	-36	16	$3,510	$1,136
Chittenden	9	48	46	1,299	9	2	-150	22	$5,536	$11,232
Essex	2	1	1	4	0	0	0	0	$115	$0
Franklin	15	30	29	691	6	2	-87	8	$3,063	$1,281
Lamoille	19	29	27	569	6	2	-60	14	$5,484	$7,870
Orange	1	0	0	2	0	0	0	0	$43	$0
Orleans	14	17	16	217	3	2	-20	19	$2,879	$2,153
Rutland	3	25	24	714	8	0	-78	0	$2,207	$2,828
Washington	2	30	29	891	5	1	-103	0	$3,687	$7,934
Windham	1	9	9	279	3	0	-39	0	$672	$1,987
Windsor	3	54	51	1,633	16	1	-157	0	$6,670	$12,566
Totals	88	265	251	6,611	59	12	-728	79	$33,866	$48,987

4.2.2. Customer Credit Program Summary

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
Program Costs					
Administration					
Implementation	$23,651	$27,214	$43,604	$47,862	$50,866
Program Planning	$9,312	$11,406	$15,213	$8,128	$20,717
Marketing	$0	$0	$0	$0	$0
sub-Total Administration	$32,963	$38,620	$58,817	$55,989	$71,583
Implementation Costs					
Services to Participants	$0	$0	$0	$0	$0
Services to Trade Allies	$0	$0	$0	$0	$0
sub-Total Implementation Costs	$0	$0	$0	$0	$0
Incentive Costs					
Incentives to Participants	$168,980	$256,009	$387,672	$390,583	$424,989
Incentives to Trade Allies	$0	$0	$0	$0	$0
sub-Total Incentive Costs	$168,980	$256,009	$387,672	$390,583	$424,989
Total Efficiency Vermont Costs	$201,943	$294,629	$446,489	$446,572	$496,572
Total Participant Costs	$0	$0	nav	nav	$0
Total Third Party Costs	$0	$0	nav	nav	$0
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$201,943	$294,629	$446,489	$446,572	$496,572

Total # Participants	1	1	nav	nav	1
Total Measure Costs	$168,980	$256,009	$387,672	$390,583	$424,989
Total Cost of Services	$0	$0	$0	$0	$0
Annualized MWh Savings	746	595	1,131	1,480	1,341
Lifetime MWh Savings	11,195	8,923	nav	nav	20,118
Winter Coincident Peak KW Savings	170	89	nav	nav	260
Summer Coincident Peak KW Savings	141	118	nav	nav	258
Annualized MWh Savings/Participant	746	595	nav	nav	1,341
Weighted Lifetime	15	15	nav	nav	15

4.2.3. Customer Credit - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Lighting	0	39	34	588	4	2	0	0	$15,978	$0
Motors	1	556	471	8,335	85	115	0	0	$240,031	$0
Totals		595	504	8,923	89	118	0	0	$256,009	$0

4.2.4. Customer Credit Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$383,759
Fossil Fuel Savings (Costs)	$0	$0
Water Savings (Costs)	$0	$0
Total	$0	$383,759

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	504	504	595
Winter on peak	144	144	173
Winter off peak	24	24	27
Summer on peak	285	285	336
Summer off peak	51	51	58
Coincident Demand Savings (kW)			
Winter	78	78	89
Shoulder	78	78	88
Summer	104	104	118

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	0	0	0
Annualized fuel savings (increase) MMBtu	0	0	0
LP	0	0	0
NG	0	0	0
Oil/Kerosene	0	0	0
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$0	$0	$0

4.2.5. Program Summary plus Customer Credit, overall

	Prior Year	Actual Year 2001	Projected Year 2001	Projected Year 2002	Program to Date
# participants with installations	17,164	30,972	nav	nav	43,781
# participants with audit/analysis	2,443	3,482	nav	nav	6,341
# of audits/analyses with pending action	1,294	2,250	nav	nav	2,250
# of audits/analyses with installations	1,116	3,139	nav	nav	5,490

Program Costs					
Administration					
General	$89,617	$91,044	$191,202	$216,876	$180,661
Implementation	$1,394,320	$1,849,728	$1,903,952	$2,311,425	$3,244,048
Program Planning	$313,585	$368,585	$443,664	$276,492	$682,171
Marketing	$525,431	$949,524	$1,022,853	$919,580	$1,474,955
IT Development	$138,489	$256,431	$285,445	$280,234	$394,920
Subtotal Administration	$2,461,442	$3,515,312	$3,847,116	$4,004,607	$5,976,755
Implementation Costs					
Services to Participants	$724,502	$1,199,898	$1,499,748	$1,945,384	$1,924,401
Services to Trade Allies	$195,010	$250,072	$251,209	$273,081	$445,082
Subtotal Implementation Costs	$919,512	$1,449,971	$1,750,957	$2,218,465	$2,369,483
Incentive Costs					
Incentives to Participants	$2,217,504	$3,837,371	$4,575,366	$5,041,002	$6,054,876
Incentives to Trade Allies	$0	$0	$0	$0	$0
Subtotal Incentive Costs	$2,217,504	$3,837,371	$4,575,366	$5,041,002	$6,054,876
Total Efficiency Vermont Costs [a]	$5,598,459	$8,802,654	$10,173,438	$11,264,074	$14,401,113
Total Participant Costs	$3,546,892	$5,122,443	nav	nav	$8,669,335
Total Third Party Costs	$58,933	$383,656	nav	nav	$442,590
Evaluation Costs	$0	$0	nav	nav	$0
Total Program Costs	$9,204,284	$14,308,754	$10,173,438	$11,264,074	$23,513,038

Total Measure Costs	$5,823,330	$9,343,471	$4,575,366	$5,041,002	$15,166,801
Total Cost of Services	$919,512	$1,449,971	$1,750,957	$2,218,465	$2,369,483
Annualized MWh Savings	23,540	37,489	31,175	32,407	61,029
Lifetime MWh Savings	341,412	539,965	nav	nav	881,378
Winter Coincident Peak KW Savings	5,448	6,489	nav	nav	11,936
Summer Coincident Peak KW Savings	2,162	4,278	nav	nav	6,439
Annualized MWh Savings/Participant	1.371	1.210	nav	nav	1.394
Weighted Lifetime	15	14	nav	nav	14
Loan Activity	$0	$0	$0	$0	$0

5.1.1. CEO New Construction Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$3,784,709
Fossil Fuel Savings (Costs)	$34,407	$265,829
Water Savings (Costs)	$0	$0
Total	$34,407	$4,050,537

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	4,799	4,677	5,467
Winter on peak	1,339	1,307	1,567
Winter off peak	724	716	823
Summer on peak	1,514	1,464	1,727
Summer off peak	1,222	1,190	1,350
Coincident Demand Savings (kW)			
Winter	920	894	1,021
Shoulder	883	857	966
Summer	639	612	693

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	0	0	0
Annualized fuel savings (increase) MMBtu	6,407	6,164	81,887
LP	(697)	(699)	(21,113)
NG	7,098	6,861	102,923
Oil/Kerosene	5	3	77
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$12,115	$10,649	$141,579

5.1.2. CEO Market Opportunities Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$5,836,795
Fossil Fuel Savings (Costs)	$11,236	$139,644
Water Savings (Costs)	$273	$2,415
Total	$11,508	$5,978,854

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	8,317	7,916	9,257
Winter on peak	2,207	2,107	2,526
Winter off peak	1,099	1,065	1,224
Summer on peak	2,922	2,769	3,267
Summer off peak	2,090	1,974	2,241
Coincident Demand Savings (kW)			
Winter	1,357	1,295	1,479
Shoulder	1,408	1,344	1,517
Summer	1,226	1,157	1,311

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	38	37	511
Annualized fuel savings (increase) MMBtu	1,927	1,826	35,061
LP	(30)	(32)	(489)
NG	0	0	0
Oil/Kerosene	1,957	1,857	35,550
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$60,195	$57,165	$554,553

5.1.3. Dairy Farms Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$591,068
Fossil Fuel Savings (Costs)	($6,538)	($80,569)
Water Savings (Costs)	$0	$0
Total	($6,538)	$510,498

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	836	834	976
Winter on peak	230	229	275
Winter off peak	59	59	68
Summer on peak	315	315	371
Summer off peak	231	231	262
Coincident Demand Savings (kW)			
Winter	132	132	150
Shoulder	144	143	162
Summer	89	89	100

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	0	0	0
Annualized fuel savings (increase) MMBtu	(917)	(917)	(18,336)
LP	(119)	(119)	(2,370)
NG	0	0	0
Oil/Kerosene	(798)	(798)	(15,966)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	($597)	($597)	($16,217)

5.1.4. C&I Emerging Markets Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$1,788,056
Fossil Fuel Savings (Costs)	($3,578)	($55,612)
Water Savings (Costs)	$0	$0
Total	($3,578)	$1,732,444

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	2,160	1,944	2,277
Winter on peak	756	681	816
Winter off peak	488	439	505
Summer on peak	528	475	560
Summer off peak	388	349	396
Coincident Demand Savings (kW)			
Winter	559	503	574
Shoulder	543	489	551
Summer	198	178	201

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	0	0	0
Annualized fuel savings (increase) MMBtu	(610)	(549)	(17,283)
LP	(22)	(20)	(391)
NG	(91)	(82)	(2,446)
Oil/Kerosene	(498)	(448)	(14,446)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$5,513	$4,968	$81,932

5.1.5. Residential New Construction Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$659,825
Fossil Fuel Savings (Costs)	$102,218	$1,007,677
Water Savings (Costs)	$141	$1,222
Total	$102,359	$1,668,724

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	841	833	974
Winter on peak	232	229	275
Winter off peak	74	73	84
Summer on peak	293	289	341
Summer off peak	243	241	273
Coincident Demand Savings (kW)			
Winter	131	130	148
Shoulder	120	118	133
Summer	113	115	130

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	19	19	19
Annualized fuel savings (increase) MMBtu	10,431	10,945	273,062
LP	2,806	2,945	73,434
NG	5,175	5,440	135,602
Oil/Kerosene	2,433	2,559	63,629
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$10,209	$9,905	$194,208

5.1.6. Efficient Products Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$6,079,241
Fossil Fuel Savings (Costs)	$37,128	$344,332
Water Savings (Costs)	$51,500	$455,931
Total	$88,629	$6,876,810

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	10,891	12,106	14,168
Winter on peak	3,162	3,517	4,211
Winter off peak	762	845	974
Summer on peak	4,046	4,502	5,303
Summer off peak	2,920	3,241	3,680
Coincident Demand Savings (kW)			
Winter	1,820	2,026	2,314
Shoulder	1,725	1,919	2,164
Summer	1,112	1,239	1,403

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	5,982	6,806	96,364
Annualized fuel savings (increase) MMBtu	3,263	3,807	52,537
LP	1,088	1,360	17,427
NG	816	824	13,068
Oil/Kerosene	1,360	1,631	21,778
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$195,135	$216,186	$2,088,153

5.1.7. Low Income Multifamily (REEP) Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$1,361,068
Fossil Fuel Savings (Costs)	$41,315	$472,197
Water Savings (Costs)	$31,506	$205,850
Total	$72,820	$2,039,116

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	1,609	1,558	1,822
Winter on peak	444	431	517
Winter off peak	189	184	211
Summer on peak	529	511	603
Summer off peak	447	431	490
Coincident Demand Savings (kW)			
Winter	300	293	334
Shoulder	259	252	285
Summer	149	145	164

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	4,212	4,212	38,601
Annualized fuel savings (increase) MMBtu	5,522	5,522	100,265
LP	1,001	1,001	8,134
NG	408	408	8,423
Oil/Kerosene	4,114	4,114	83,709
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	$38,488	$35,776	$699,898

5.1.8. Low Income Single Family Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$1,110,072
Fossil Fuel Savings (Costs)	($28,004)	($390,994)
Water Savings (Costs)	$14,901	$97,909
Total	($13,103)	$816,953

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	1,443	1,443	1,689
Winter on peak	434	434	520
Winter off peak	161	161	185
Summer on peak	464	464	548
Summer off peak	385	385	437
Coincident Demand Savings (kW)			
Winter	280	280	320
Shoulder	217	217	245
Summer	128	128	145

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	1,992	1,992	17,928
Annualized fuel savings (increase) MMBtu	(3,143)	(3,143)	(94,290)
LP	(614)	(614)	(18,432)
NG	(39)	(39)	(1,155)
Oil/Kerosene	(2,490)	(2,490)	(74,709)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	($1,028)	($1,003)	($183,207)

5.1.9. Residential Emerging Markets Total Resource Benefits

	2001	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$208,515
Fossil Fuel Savings (Costs)	($7,936)	($110,710)
Water Savings (Costs)	$591	$3,884
Total	($7,344)	$101,688

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	251	226	265
Winter on peak	98	88	105
Winter off peak	43	39	44
Summer on peak	63	57	67
Summer off peak	48	43	49
Coincident Demand Savings (kW)			
Winter	57	51	59
Shoulder	32	29	33
Summer	12	11	12

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	88	79	712
Annualized fuel savings (increase) MMBtu	(809)	(728)	(21,851)
LP	(375)	(338)	(10,130)
NG	(81)	(73)	(2,176)
Oil/Kerosene	(354)	(318)	(9,545)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M ($)	($742)	($668)	($33,092)

5.2.1.1. Subcomponent CEO New Construction, Act 250 Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	17	51	68
# participants with audit/analysis	147	96	176
# of audits/analyses with pending action	117	91	91
# of audits/analyses with installations	19	39	41
Costs			
EVT Incentives	$58,408	$222,961	$281,369
Participant Costs	$292,964	$815,560	$1,108,525
Third Party Costs	$0	$8,416	$8,416
Annualized MWh Savings	1,243	3,643	4,886
Lifetime MWh Savings	18,758	62,357	81,115
Winter Coincident Peak KW Savings	261	453	714
Summer Coincident Peak KW Savings	41	599	640
Annualized MWh Savings/Participant	73.118	71.435	71.852
Weighted Lifetime	15	17	17

5.2.1.2. Subcomponent CEO New Construction, Act 250 - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	22	388	335	6,062	2	104	0	0	$69,214	$25,197
Hot Water Fuel Switch	2	2	1	51	0	0	-6	0	$0	$346
Industrial Process Eff.	1	14	12	214	1	1	0	0	$0	$0
Lighting	42	1,742	1,487	25,739	295	298	0	0	$9,166	$434,902
Motors	4	50	41	1,009	5	7	0	0	$2,159	$4,853
Refrigeration	4	1,349	1,158	26,721	139	185	0	0	$138,878	$395,702
Space Heat Efficiency	4	0	0	2	0	0	34	0	$0	$2,998
Space Heat Fuel Switch	1	73	62	2,184	9	0	-265	0	$0	$5,228
Ventilation	5	25	22	375	2	3	2,360	0	$3,545	-$53,665
Totals		3,643	3,119	62,357	453	599	2,123	0	$222,961	$815,560

5.2.2.1. Subcomponent CEO New Construction, Non Act 250 Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	22	27	48
# participants with audit/analysis	69	32	57
# of audits/analyses with pending action	38	22	22
# of audits/analyses with installations	27	22	32
Costs			
EVT Incentives	$127,732	$167,127	$294,859
Participant Costs	$397,674	$322,474	$720,148
Third Party Costs	$0	$0	$0
Annualized MWh Savings	3,049	1,824	4,873
Lifetime MWh Savings	45,686	31,829	77,515
Winter Coincident Peak KW Savings	1,494	568	2,062
Summer Coincident Peak KW Savings	73	95	168
Annualized MWh Savings/Participant	138.591	67.555	101.514
Weighted Lifetime	15	17	16

5.2.2.2. Subcomponent CEO New Construction, Non Act 250 - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	9	92	81	1,242	1	32	0	0	$12,597	$15,749
Industrial Process Eff.	2	1,016	869	17,843	383	0	0	0	$44,776	$185,782
Lighting	23	376	439	5,741	55	53	0	0	$68,074	$16,043
Motors	3	153	130	2,295	91	2	0	0	$29,653	$82,005
Refrigeration	1	6	6	96	1	1	0	0	$984	$1,200
Space Heat Fuel Switch	2	127	108	3,806	32	0	-459	0	$5,164	$15,270
Ventilation	3	54	49	806	4	6	4,500	0	$5,879	$6,425
Totals		1,824	1,681	31,829	568	95	4,041	0	$167,127	$322,474

5.2.3. Blank

This report number is not used in the Year 2001 Annual Report.

5.2.4. CEO Comprehensive, Act 250

CEO Comprehensive, Act 250 track has no completions in the Year 2001 reporting period.

5.2.5. CEO Comprehensive, Non Act 250

CEO Comprehensive, Non-Act 250 track has no completions in the Year 2001 reporting period.

5.2.6.1. Subcomponent CEO Custom Equipment Replacement Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	53	85	135
# participants with audit/analysis	201	128	207
# of audits/analyses with pending action	128	75	75
# of audits/analyses with installations	60	63	95
Costs			
EVT Incentives	$168,564	$385,458	$554,022
Participant Costs	$735,071	$918,083	$1,653,154
Third Party Costs	$0	$0	$0
Annualized MWh Savings	4,053	7,939	11,992
Lifetime MWh Savings	63,029	127,103	190,132
Winter Coincident Peak KW Savings	959	1,281	2,240
Summer Coincident Peak KW Savings	431	1,074	1,505
Annualized MWh Savings/Participant	76.472	93.397	88.831
Weighted Lifetime	16	16	16

5.2.6.2. Subcomponent CEO Custom Equipment Replacement - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	7	477	425	6,605	55	145	0	0	$37,158	$82,252
Cooking and Laundry	1	0	0	0	0	0	14	37	$137	$135
Industrial Process Eff.	8	2,276	1,996	38,580	544	144	0	0	$88,923	$238,990
Lighting	45	830	802	10,415	138	134	0	0	$71,562	$143,211
Motors	20	2,057	1,778	31,330	275	341	0	0	$94,001	$251,812
Other Efficiency	2	481	434	7,213	58	58	0	0	$12,128	$11,955
Refrigeration	16	1,629	1,472	29,983	183	225	1,682	0	$60,161	$150,435
Space Heat Fuel Switch	1	10	9	299	2	0	-35	0	$507	$3,041
Ventilation	4	179	158	2,678	26	26	204	0	$20,880	$36,253
Totals		7,939	7,074	127,103	1,281	1,074	1,865	37	$385,458	$918,083

5.2.7.1. Subcomponent CEO Prescriptive-Only Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	144	208	327
# participants with audit/analysis	nap	118	157
# of audits/analyses with pending action	nap	8	8
# of audits/analyses with installations	nap	121	147
Costs			
EVT Incentives	$102,048	$129,167	$231,215
Participant Costs	$111,042	$57,923	$168,966
Third Party Costs	$0	$0	$0
Annualized MWh Savings	2,152	1,319	3,471
Lifetime MWh Savings	32,836	18,366	51,202
Winter Coincident Peak KW Savings	272	198	470
Summer Coincident Peak KW Savings	285	236	521
Annualized MWh Savings/Participant	14.944	6.340	10.614
Weighted Lifetime	15	14	15

5.2.7.2. Subcomponent CEO Prescriptive-Only - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Air Conditioning Eff.	17	66	57	1,312	0	29	0	0	$16,899	$2,606
Industrial Process Eff.	1	3	3	48	1	1	0	0	$710	$350
Lighting	161	1,060	1,048	13,234	161	162	0	0	$98,042	$46,756
Motors	36	177	125	3,532	25	34	0	0	$12,928	$6,372
Other Fuel Switch	1	9	8	179	10	10	-39	0	$507	$1,500
Refrigeration	1	4	3	59	0	0	0	0	$81	$240
Ventilation	1	0	0	2	0	0	0	0	$0	$100
Totals		1,319	1,244	18,366	198	236	-39	0	$129,167	$57,923

5.2.8.1. Subcomponent Dairy Farms New Construction Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	13	3	16
# participants with audit/analysis [a]	18	2	5
# of audits/analyses with pending action [a]	5	0	0
# of audits/analyses with installations	13	2	5
Costs			
EVT Incentives	$13,284	$6,305	$20,198
Participant Costs	$22,808	$3,365	$25,129
Third Party Costs	$0	$0	$0
Annualized MWh Savings	178	31	209
Lifetime MWh Savings	2,013	406	2,412
Winter Coincident Peak KW Savings	25	5	30
Summer Coincident Peak KW Savings	13	3	16
Annualized MWh Savings/Participant	13.692	10.182	13.036
Weighted Lifetime	11	13	12

[a] In December 2001, Dairy Farm projects that were not complete were transferred to the CEO Market Opportunities Program. Counts of participants having audits or pending action were also transferred to the CEO Marketing Opportunities Program in December 2001.

5.2.8.2. Subcomponent Dairy Farms New Construction - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Lighting	2	18	16	274	2	2	0	0	$2,267	$1,645
Motors	1	7	7	75	1	1	0	0	$2,617	$1,720
Refrigeration	1	5	4	58	1	0	0	0	$1,420	$0
Totals		31	27	406	5	3	0	0	$6,305	$3,365

5.2.9.1. Subcomponent Dairy Farms Retrofit Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	83	78	153
# participants with audit/analysis [a]	178	85	160
# of audits/analyses with pending action [a]	114	0	0
# of audits/analyses with installations	83	58	89
Costs			
EVT Incentives	$178,837	$207,067	$385,296
Participant Costs	$197,318	$155,947	$354,309
Third Party Costs	$0	$0	$0
Annualized MWh Savings	1,092	946	2,037
Lifetime MWh Savings	14,039	13,075	27,121
Winter Coincident Peak KW Savings	168	146	313
Summer Coincident Peak KW Savings	106	98	203
Annualized MWh Savings/Participant	13.157	12.125	13.316
Weighted Lifetime	13	14	13

[a] In December 2001, Dairy Farm projects that were not complete were transferred to the CEO Market Opportunities Program. Counts of participants having audits or pending action were also transferred to the CEO Marketing Opportunities Program in December 2001.

5.2.9.2. Subcomponent Dairy Farms Retrofit - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Hot Water Efficiency	4	30	26	300	6	3	0	0	$5,856	$4,222
Hot Water Fuel Switch	13	211	180	4,214	32	22	-899	0	$27,810	$17,401
Lighting	28	153	131	2,211	34	17	0	0	$38,595	$32,194
Motors	35	411	351	4,628	55	40	0	0	$101,805	$83,756
Refrigeration	8	138	118	1,651	17	15	0	0	$32,012	$17,849
Space Heat Fuel Switch	2	4	3	71	1	0	-18	0	$989	$525
Totals		946	808	13,075	146	98	-917	0	$207,067	$155,947

5.2.10.1. Subcomponent Low Income Multifamily New Construction Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	18	80	98
# participants with audit/analysis	208	127	255
# of audits/analyses with pending action	208	235	235
# of audits/analyses with installations	0	80	98
Costs			
EVT Incentives	$7,010	$46,498	$53,508
Participant Costs	$3,220	$50,875	$54,095
Third Party Costs	$0	$7,950	$7,950
Annualized MWh Savings	36	211	247
Lifetime MWh Savings	665	3,859	4,525
Winter Coincident Peak KW Savings	5	30	35
Summer Coincident Peak KW Savings	3	21	24
Annualized MWh Savings/Participant	2.000	2.638	2.522
Weighted Lifetime	18	18	18

5.2.10.2. Subcomponent Low Income Multifamily (REEP) New Construction - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Cooking and Laundry	32	1	1	16	0	0	65	270	$0	$6,750
Hot Water Efficiency	70	0	0	0	0	0	201	208	$0	$5,600
Lighting	80	146	139	2,773	20	12	0	0	$31,931	$27,762
Other Fuel Switch	10	24	20	495	5	3	-81	0	$3,608	-$1,234
Refrigeration	80	18	15	306	2	2	0	0	$4,101	$58
Space Heat Efficiency	70	0	0	0	0	0	416	0	$0	$9,859
Ventilation	80	22	19	268	2	2	0	0	$6,858	$2,080
Totals		211	195	3,859	30	21	601	478	$46,498	$50,875

5.2.11.1. Subcomponent Low Income Multifamily Retrofit Summary

	Prior Year	Actual 2001	Actual Program to Date
# participants with installations	819	1,174	1,559
# participants with audit/analysis	779	999	1,772
# of audits/analyses with pending action	689	1,728	1,728
# of audits/analyses with installations	74	980	1,580
Costs			
EVT Incentives	$291,490	$213,598	$505,088
Participant Costs	$764,537	$734,320	$1,498,857
Third Party Costs	$57,530	$86,204	$143,734
Annualized MWh Savings	2,123	1,610	3,733
Lifetime MWh Savings	53,709	35,629	89,338
Winter Coincident Peak KW Savings	543	304	847
Summer Coincident Peak KW Savings	157	144	301
Annualized MWh Savings/Participant	2.592	1.372	2.395
Weighted Lifetime	25	22	24

5.2.11.2. Subcomponent Low Income Multifamily (REEP) Retrofit - End Use Breakdown

End Use	# of Participants	Net MWH Saved	Gross MWH Saved	Net Lifetime MWH Saved	Net Winter KW Saved	Net Summer KW Saved	Net Other Fuel MMBTU	Net Water CCF Saved	Incentives Paid	Participant Costs
Cooking and Laundry	411	9	8	113	2	1	238	595	$5,120	$22,138
Hot Water Efficiency	199	5	4	42	1	1	1,643	3,139	$11	$32,457
Hot Water Fuel Switch	139	297	254	8,919	45	30	-1,066	0	$28,031	$69,619
Lighting	960	721	654	13,148	99	64	0	0	$115,941	$87,772
Other Fuel Switch	341	142	120	3,644	28	21	-453	0	$9,332	$13,951
Other Indirect Activity	109	0	0	0	0	0	0	0	$0	$12,750
Refrigeration	449	90	77	1,526	11	10	0	0	$11,206	$40,570
Space Heat Efficiency	303	3	2	38	1	0	5,329	0	$457	$326,600
Space Heat Fuel Switch	228	249	213	7,467	107	6	-871	0	$31,891	$116,638
Ventilation	266	96	83	731	11	11	102	0	$11,608	$11,825
Totals		1,610	1,414	35,629	304	144	4,922	3,734	$213,598	$734,320

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