Year 2008 Preliminary Savings Claim

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This report is submitted March 23, 2009, to the Vermont Department of Public Service and to the Efficiency Vermont Contract Administrator. It is provided in fulfillment of the contractual requirement for the submission of Efficiency Vermont's annual savings claim for the year 2008.

2008 Savings Claim Summary
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The 2008 Savings Claim Summary provides an overview of important characteristics of the 2008 electric savings claim and total resource benefit information submitted by Efficiency Vermont to the Vermont Public Service Board. Consistent with the State's efforts to be a good financial steward and to reduce Vermont's share of the global carbon footprint, the electronic format of this summary lowers the monetary and environmental costs of production. The full Efficiency Vermont 2008 Annual Report will be issued in the fall of 2009, following verification by the Vermont Department of Public Service of the savings claims made in this document.

The Big Picture: Key Goals Met — and Exceeded

Efficiency Vermont exceeded its 2008 goal for MWh savings by 27% and its three-year contract goal by 12%. In 2008, we achieved 146,000 MWh in electric savings, compared to our goal of 115,000 MWh. Over the three-year contract period, we saved 293,000 MWh, compared to the contract goal of 261,700 MWh. It is noteworthy that we exceeded these goals, while at the same time coming in under budget, during a time of significant program expansion.[1]

Yield results for 2008 were 48 MWh / $10,000 invested, and levelized cost results were 2.9 cents / kWh. These results show that Efficiency Vermont services continue to provide value for Vermont ratepayers. Comparable energy supply for the same period was 14 cents / kWh. Taking into account participating customers' additional costs and savings, the levelized net resource cost of saved electric energy in 2008 was 2.5 cents / kWh.

Over the lifetime of the measures installed in 2008, Vermont homes and businesses are expected to earn, through reduced energy costs, an average rate of return of 65% on their energy efficiency investments. In the business sector, the average rate of return was more than 55%, a significant increase over the 2007 result of 36%. Energy efficiency is proving to be one of the best investments a homeowner or business can make.

More Than Just Lighting

Efficiency Vermont continued to focus on more than just lighting to generate more savings for Vermont ratepayers. In the commercial sector, for instance, our increased focus on non-lighting savings opportunities included a new refrigeration initiative that delivered 530 MWh in savings. Other key non-lighting results included these increases in savings for the following end-use categories:

- 45% for Air Conditioning
- 140% for Compressed Air
- 45% for Motors and Motor Controls

Efficiency Vermont also did significant work in such specialized markets as water and wastewater facilities, which consume large amounts of energy. Our staff contributed

[1] The results in this paragraph do not include Customer Credit. Results noted in the remainder of the Savings Claim Summary do include Customer Credit.

technical expertise and support for innovative demonstration projects and other initiatives to help these customers complete 18 projects with 1,150 MWh in savings.

Community-Based Initiatives Lead to More Savings

Efficiency Vermont's Community Energy Initiatives in Hardwick and Northfield showed how a targeted, community-based approach can achieve a deeper level of savings and participation among Vermont homes and businesses. In Northfield, 40% of the community participated, with savings totaling approximately 4,500 MWh. In Hardwick, 45% of the community took part, generating approximately 2,100 MWh in savings.

In the Burlington area, Efficiency Vermont and the Burlington Electric Department partnered on Project Porchlight, a community direct-installation program that distributed more than 16,000 compact fluorescent light bulbs to households, saving homeowners an estimated 550 MWh.

Flexibility and Customized Service Create Savings for Commercial and Industrial Customers

Efficiency Vermont expanded its successful Account Management strategy in 2008 to provide a high level of service to Vermont's largest users of electricity. Account Management is a customized, flexible service wherein we use our understanding of our customers' needs to craft energy efficiency solutions that help meet those needs. This approach helps us provide the most cost-effective solutions for complex commercial and industrial energy challenges.

In addition to our statewide Account Management efforts, we have deployed an intensive Account Management strategy for 145 large customers in areas selected for Geographic Targeting, to help achieve the aggressive energy and demand savings goals for that initiative. Through these expanded efforts, our statewide savings for Account Managed customers increased from 24,000 MWh to 35,000 MWh. For those same customers, Summer Peak demand savings increased from 3.1 MW in 2007 to 5.4 MW in 2008 and Winter Peak demand savings increased from 2.9 MW in 2007 to 4.6 MW in 2008.

Load Growth Continues to Be Offset by Efficiency

In 2007, Vermont became the first state to offset its projected underlying load growth through increased energy efficiency. It also offset load growth in 2008, when new efficiency savings as a percentage of statewide resource requirements (2.5%) exceeded the Department of Public Service's long-term projected increase in underlying load growth (1.42%).

Efficiency Is Good for the Environment

Reduced electricity consumption results in fewer emissions from power sources that burn fossil fuels. The electric efficiency measures supported by Efficiency Vermont and installed by its partners in 2008 will result in overall reductions of carbon dioxide by 920,000 tons, nitrogen oxides by 400 tons, and sulfur dioxides by 1,300 tons.

Other natural resources saved through efficiency measures installed in 2008 include:

- Water - 411,700,000 gallons
- Oil - 1,150,000 gallons
- Propane - 8,700,000 gallons
- Natural gas - 441,600,000 cubic feet

Investing in Vermont's Economy

Even when the economy weakens, Efficiency Vermont programs continue to provide significant financial benefits for Vermont families and businesses. The benefit-cost ratio for efficiency investments still exceeds 2 to 1, and Efficiency Vermont investments leveraged an additional $26.4 million from other sources to install efficiency measures.

Net Lifetime Economic Value of 2008 Energy Efficiency Investments		
Benefits	$132,100,000	Lifetime economic value of efficiency investments
Minus costs	$31,400,000	Costs paid for by investments through Efficiency Vermont
	$26,400,000	Costs paid for by participants and third-party investments
	$57,800,000	Total costs
Equals net benefits	$74,300,000	Net lifetime economic value to Vermont

Efficiency Vermont continued to support Vermont's economy through its private-sector network of more than 40 Home Performance with ENERGY STAR® contractors. In 2008, approximately 515 projects were completed by these contractors, leveraging $1.9 million in customer investments. Efficiency Vermont also continued its partnerships with the more than 380 Vermont retailers, distributors, and suppliers who sell efficient products in partnership with Efficiency Vermont.

The approximately $132 million in lifetime economic value of the efficiency measures installed in 2008 equates to $16.6 million in annual customer savings for Vermonters.

First Full Year of Geographic Targeting Is a Success

Initial results from the Geographic Targeting initiative, begun in July 2007 and continuing through 2008, show that the program has significantly reduced electricity demand in concentrated geographic areas. Summer Peak savings of 7.7 MW represent a

750% increase over the historic baseline, and Winter Peak savings of 3.4 MW represent a 360% increase. Notably, our MWh savings per participant were 20 percent higher in Geographic Targeting areas, compared to the rest of the state. The average per-store growth in efficient lighting retail sales was approximately 140% higher in the Geographic Targeting areas.

Contributing to our success in those regions were innovative approaches such as the Personalized URL (PURL) initiative. Efficiency Vermont mailed a flyer to residential Geographic Targeting customers, giving a personalized web address where recipients could learn about incentives for efficiency measures available to them. As a result of this program, 138 customers took advantage of incentives for the purchase of efficient refrigerators.

We exceeded our Summer Peak performance goal by 0.5 MW, but fell short of our Winter Peak goal by 5 MW. We attribute this shortfall to several factors, including projection errors for Winter Peak savings potential due to factors such as significantly higher fuel prices in mid-2008, which made fuel switching less cost-effective.

Unlike other Efficiency Vermont results, Geographic Targeting results are reported in the 2008 Savings Claim Summary and data tables for the 18-month period that began in July 2007.

2.1.1. Services and Initiatives Summary

	Totals				Business Energy Services		Residential Energy Services			Other
Services	All Services and Initiatives Including CC	EVT Services and Initiatives	Subtotal Business Energy Services	Subtotal Residential Energy Services	Business New Construction	Business Existing Facilities	Residential New Construction	Efficient Products	Existing Homes	Customer Credit Program
Costs										
Year to Date Costs	$29,918,491	$28,748,931	$19,841,538	$8,907,393	$1,805,024	$18,036,514	$2,092,225	$4,035,852	$2,779,315	$1,169,560
* Annual Budget Estimate	$32,019,600	$30,576,000	$19,572,300	$11,003,700	$2,836,200	$16,736,100	$2,733,800	$3,797,100	$4,472,800	$1,443,600
Unspent Annual Budget Estimate	$2,101,109	$1,827,069	($269,238)	$2,096,307	$1,031,176	($1,300,414)	$641,575	($238,752)	$1,693,485	$274,040
% Annual Budget Estimate Unspent	7%	6%	-1%	19%	36%	-8%	23%	-6%	38%	19%
Savings Results										
MWh Year to Date	149,661	145,798	67,046	78,752	9,313	57,733	2,494	70,475	5,782	3,863
MWh cumulative starting 1/1/06	308,645	292,677	127,138	165,539	22,023	105,115	8,127	143,448	13,965	15,967
3-Year MWh Goal	nap	261,700	118,200	143,500	13,600	104,600	7,500	120,900	15,100	nap
% of 3-Year MWh Goal	nap	112%	108%	115%	162%	100%	108%	119%	92%	nap
Participation										
Partic.w/ installs Year to Date	55,619	55,618	1,785	53,833	180	1,605	837	47,466	5,530	1
Partic.w/ installs cumulative starting 1/1/06	119,025	119,024	3,011	116,013	372	2,639	2,875	102,429	10,709	1

Total Costs for Services and Initiatives (including CC), Administration and IT

Services	Total	Administration	Information Systems	Services and Initiatives Costs
Costs				
Year to Date Costs	$31,448,834	$741,714	$788,629	$29,918,491
* Annual Budget Estimate	$34,202,300	$1,087,200	$1,095,500	$32,019,600
Unspent Annual Budget Estimate	$2,753,466	$345,486	$306,871	$2,101,109
% Annual Budget Estimate Unspent	8%	32%	28%	7%

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

Note: The above budgets include the Customer Credit Net Pay Option Incentive Funds.

2.1.2. Services and Initiatives including Customer Credit

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06	Cumulative starting 3/1/00
# participants with installations	43,593	55,619	nap	119,025	232,278
# participants with analysis	3,272	3,970	nap	11,702	35,048
# participants with analysis and installations	2,982	4,287	nap	9,612	25,705
Services and Initiatives Costs					
Operating Costs					
Administration	$337,467	$741,714	$1,087,200	$1,189,566	$1,685,007
Services and Initiatives	$3,719,690	$4,287,908	$5,255,100	$11,257,230	$25,325,693
Program Planning	nap	nap	nap	nap	$1,006,327
Marketing/Business Development	$3,256,410	$3,767,322	$4,403,900	$9,551,881	$18,995,984
Information Systems	$637,197	$788,629	$1,095,500	$1,919,493	$3,954,331
Subtotal Operating Costs	$7,950,764	$9,585,573	$11,841,700	$23,918,170	$50,967,342
Incentive Costs					
Incentives to Participants	$7,251,309	$14,588,790	$16,066,600	$26,927,921	$54,228,805
Incentives to Trade Allies	$22,358	$106,781	$187,300	$179,141	$255,208
Subtotal Incentive Costs	$7,273,667	$14,695,570	$16,253,900	$27,107,061	$54,484,012
Technical Assistance Costs					
Services to Participants	$3,878,356	$6,610,411	$5,620,200	$13,662,031	$25,170,200
Services to Trade Allies	$231,933	$557,280	$486,500	$935,247	$2,430,753
Subtotal Technical Assistance Costs	$4,110,289	$7,167,691	$6,106,700	$14,597,279	$27,600,953
Total Efficiency Vermont Costs	$19,334,720	$31,448,834	$34,202,300	$65,622,510	$133,052,307
Total Participant Costs	$19,687,516	$25,021,352	nav	$57,450,593	$105,934,735
Total Third Party Costs	$735,762	$1,340,825	nav	$1,805,821	$5,174,359
Total Services and Initiatives Costs	$39,757,998	$57,811,012	$34,202,300	$124,878,924	$244,161,401
Annualized MWh Savings	102,914	149,661	nap	308,645	570,364
Lifetime MWh Savings	1,061,927	1,461,801	nap	3,150,677	6,750,007
TRB Savings (2006 $)	$76,078,833	$132,117,975	nap	$253,205,594	$532,060,747
Winter Coincident Peak kW Savings	15,523	24,083	nap	48,162	91,750
Summer Coincident Peak kW Savings	14,207	21,779	nap	45,543	80,274
Annualized MWh Savings/Participant	2.361	2.691	nap	2.593	2.456
Weighted Lifetime	10	10	nap	10	12
Committed Incentives	$706,360	$958,753	nap	nap	nap

Annualized MWh Savings (adjusted for measure life)	526,613
Winter Coincident Peak kW Savings (adjusted for measure life)	84,928
Summer Coincident Peak kW Savings (adjusted for measure life)	73,665

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

Note: The above budgets include the Customer Credit Net Pay Option Incentive Funds.

2.1.3. Services and Initiatives excluding Customer Credit

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06	Cumulative starting 3/1/00
# participants with installations	43,592	55,618	nap	119,024	232,277
# participants with analysis	3,272	3,970	nap	11,702	34,865
# participants with analysis and installations	2,982	4,287	nap	9,612	25,705
Services and Initiatives Costs					
Operating Costs					
Administration	$337,467	$741,714	$1,087,200	$1,189,566	$1,685,007
Services and Initiatives	$3,714,506	$4,284,670	$5,245,600	$11,241,952	$25,169,705
Program Planning	nap	nap	nap	nap	$977,110
Marketing/Business Development	$3,256,410	$3,767,322	$4,403,900	$9,551,881	$18,995,984
Information Systems	$637,197	$788,629	$1,095,500	$1,919,493	$3,954,331
Subtotal Operating Costs	$7,945,580	$9,582,335	$11,832,200	$23,902,892	$50,782,137
Incentive Costs					
Incentives to Participants	$5,715,267	$13,429,298	$14,643,300	$23,410,109	$48,963,428
Incentives to Trade Allies	$22,358	$106,781	$187,300	$179,141	$255,207
Subtotal Incentive Costs	$5,737,625	$13,536,078	$14,830,600	$23,589,249	$49,218,635
Technical Assistance Costs					
Services to Participants	$3,873,692	$6,603,578	$5,609,400	$13,645,155	$25,145,362
Services to Trade Allies	$231,933	$557,280	$486,500	$935,247	$2,430,753
Subtotal Technical Assistance Costs	$4,105,625	$7,160,858	$6,095,900	$14,580,402	$27,576,115
Total Efficiency Vermont Costs	$17,788,830	$30,279,272	$32,758,700	$62,072,544	$127,576,888
Total Participant Costs	$19,009,350	$24,777,987	nav	$56,164,486	$104,457,654
Total Third Party Costs	$735,762	$1,340,825	nav	$1,805,821	$5,174,359
Total Services and Initiatives Costs	$37,533,942	$56,398,083	$32,758,700	$120,042,851	$237,208,901
Annualized MWh Savings	93,933	145,798	nap	292,677	544,177
Lifetime MWh Savings	943,467	1,408,633	nap	2,936,697	6,389,178
TRB Savings (2006 $)	$64,416,983	$128,107,949	nap	$234,455,979	$503,919,560
Winter Coincident Peak kW Savings	14,463	23,674	nap	46,315	88,685
Summer Coincident Peak kW Savings	12,930	20,940	nap	42,680	75,720
Annualized MWh Savings/Participant	2.155	2.621	nap	2.459	2.343
Weighted Lifetime	10	10	nap	10	12
Committed Incentives	$706,360	$958,753	nap	nap	nap

Annualized MWh Savings (adjusted for measure life)	500,426
Winter Coincident Peak kW Savings (adjusted for measure life)	81,863
Summer Coincident Peak kW Savings (adjusted for measure life)	69,111

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

2.1.4. Efficiency Vermont Services & 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	2,726	3,054	2,693	49,779	254	1,233	2,148	0	$541,044	$1,629,648
Cooking and Laundry	4,865	1,179	915	16,431	166	125	2,664	32,816	$237,584	$3,325,032
Design Assistance	32	1,150	904	13,445	32	439	5,045	0	$130,459	$553,560
Hot Water Efficiency	2,222	505	477	4,064	61	42	10,521	8,235	$25,872	$197,314
Hot Water Fuel Switch	429	1,327	1,420	39,693	220	114	-4,678	0	$301,190	$467,099
Industrial Process Eff.	46	7,925	8,357	90,920	1,003	733	13,924	236	$490,476	$1,649,762
Lighting	46,778	116,667	92,253	995,579	19,852	16,863	-66,390	0	$9,572,819	$8,064,079
Motors	326	4,709	4,292	62,472	686	508	3,948	0	$437,514	$1,052,802
Other Efficiency	13	269	230	3,952	52	46	68	844	$34,457	$53,606
Other Fuel Switch	345	606	648	14,150	104	101	-1,375	0	$32,558	$94,281
Other Indirect Activity	592	705	627	3,080	89	101	1	0	$296,152	-$85,820
Refrigeration	4,796	4,753	4,450	64,768	517	335	1,221	0	$930,309	$4,035,352
Space Heat Efficiency	1,152	729	673	14,879	241	101	61,191	0	$182,329	$3,040,434
Space Heat Fuel Switch	136	640	636	19,214	252	0	-2,323	0	$106,093	$187,322
Ventilation	1,245	1,578	1,492	16,209	145	199	16,715	0	$110,443	$511,118
Water Conservation	4	0	0	0	0	0	0	177	$0	$2,400
Totals		145,798	120,071	1,408,633	23,674	20,940	42,679	42,307	$13,429,298	$24,777,987

2.1.5. Efficiency Vermont Services & 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	Participant Incentives Paid	Participant Costs
Barton	168	227	176	1,845	43	26	152	129	$20,300	$31,417
Burlington	50	41	34	251	6	6	142	0	$29,534	$60,773
CVPS	21,394	66,064	55,312	660,601	10,402	9,209	11,251	17,768	$6,495,037	$10,283,468
Enosburg Falls	235	1,083	928	8,951	177	123	-360	166	$61,063	$90,664
Green Mountain	21,243	46,429	37,939	452,919	7,751	6,906	17,439	15,848	$4,247,584	$9,271,525
Hardwick	579	1,774	1,372	17,891	314	241	730	252	$120,000	$335,517
Hyde Park	139	717	539	6,574	112	122	-82	91	$54,150	$121,378
Jacksonville	63	57	43	322	10	6	-15	36	$1,724	$10,006
Johnson	155	540	411	4,879	82	82	-250	104	$39,876	$41,523
Ludlow	374	2,141	2,079	23,090	319	194	8,690	330	$112,859	$526,337
Lyndonville	664	1,824	1,424	19,508	270	210	-1,215	422	$84,200	$284,966
Morrisville	461	1,214	947	8,318	218	153	-135	382	$45,489	$273,173
Northfield	317	1,652	1,288	17,352	251	225	-347	196	$93,898	$258,510
Orleans	122	302	243	2,210	56	51	-96	36	$21,139	$29,629
Readsboro	29	22	17	141	4	2	2	18	$1,310	$521
Stowe	354	1,889	1,518	19,708	213	646	6,146	230	$112,819	$688,914
Swanton	425	1,451	1,121	10,340	270	183	308	348	$84,734	$139,123
VT Electric Coop	6,015	15,175	12,163	129,902	2,589	2,136	-2,171	4,433	$1,637,695	$1,593,978
VT Marble	106	54	42	356	11	7	67	71	$2,278	$26,607
Washington Electric	2,725	3,144	2,475	23,474	575	412	2,425	1,449	$163,608	$709,958
Totals	55,618	145,798	120,071	1,408,633	23,674	20,940	42,679	42,307	$13,429,298	$24,777,987

2.1.6. Efficiency Vermont Services & 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	Participant Incentives Paid	Participant Costs
Addison	2,768	6,566	5,186	57,369	1,136	886	3,988	2,966	$372,298	$1,296,651
Bennington	2,636	11,202	9,258	113,167	1,802	1,592	-863	1,912	$1,180,340	$1,590,420
Caledonia	2,202	5,732	4,644	54,201	962	793	-2,086	1,274	$280,443	$858,386
Chittenden	17,669	39,955	33,129	403,959	6,322	6,178	11,324	12,271	$4,254,799	$6,854,098
Essex	395	779	689	7,346	97	92	-183	259	$112,390	$45,815
Franklin	4,589	15,922	13,400	152,611	2,495	2,280	754	3,019	$1,869,005	$1,395,874
Grand Isle	610	716	558	5,130	138	81	4	464	$42,509	$177,000
Lamoille	1,927	5,593	4,371	48,374	852	1,166	5,900	1,494	$332,676	$1,358,368
Orange	2,154	3,318	2,664	20,851	504	334	572	1,777	$149,841	$549,011
Orleans	2,512	8,941	7,321	88,954	1,468	1,405	-2,147	1,415	$1,350,626	$743,342
Rutland	4,410	10,774	8,833	100,372	1,768	1,328	6,161	4,179	$496,229	$2,127,377
Washington	5,568	13,813	10,830	117,818	2,480	1,881	4,648	4,305	$759,446	$3,175,038
Windham	3,724	13,441	11,547	148,863	2,086	1,756	2,716	3,269	$1,694,245	$2,191,701
Windsor	4,454	9,046	7,642	89,618	1,562	1,169	11,893	3,704	$534,451	$2,414,906
Totals	55,618	145,798	120,071	1,408,633	23,674	20,940	42,679	42,307	$13,429,298	$24,777,987

2.1.7. Efficiency Vermont Services & Initiatives - Total Resource Benefits [a]

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$109,151,204
Fossil Fuel Savings (Costs)	$1,041,045	$15,739,063
Water Savings (Costs)	$317,443	$3,217,696
Total	$1,358,488	$128,107,949

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	120,071	129,226	145,798
Winter on peak	48,628	52,417	59,489
Winter off peak	32,279	34,452	39,289
Summer on peak	23,771	25,735	29,116
Summer off peak	15,394	16,622	18,400
Coincident Demand Savings (kW)			
Winter	19,745	21,521	23,674
Shoulder	0	0	0
Summer	17,542	18,950	20,940

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	38,857	42,307	550,394
Annualized fuel savings (increase) MMBtu	53,274	42,679	1,454,311
LP	35,792	37,392	794,437
NG	18,902	19,901	441,628
Oil/Kerosene	(2,380)	(15,901)	201,273
Wood	899	878	17,273
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$1,273,246	$1,394,929	$10,761,020

Net Societal Benefits	$92,928,738

2.1.8. Business Energy Services - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	826	1,785	nap	3,011
# participants with analysis	789	1,207	nap	3,817
# participants with analysis and installations	471	1,304	nap	1,954

Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$1,936,801	$2,258,383	$2,697,500	$5,649,276
Marketing/Business Development	$1,500,691	$2,203,003	$2,197,400	$4,870,748
Subtotal Operating Costs	$3,437,492	$4,461,386	$4,894,900	$10,520,024
Incentive Costs				
Incentives to Participants	$2,712,684	$9,924,230	$10,396,100	$14,564,582
Incentives to Trade Allies	$2,963	$23,111	$23,800	$43,768
Subtotal Incentive Costs	$2,715,647	$9,947,342	$10,419,900	$14,608,351
Technical Assistance Costs				
Services to Participants	$2,475,723	$5,432,809	$4,257,500	$9,765,109
Services to Trade Allies	$0	$0	$0	$0
Subtotal Technical Assistance Costs	$2,475,723	$5,432,809	$4,257,500	$9,765,109
Total Efficiency Vermont Costs	$8,628,863	$19,841,538	$19,572,300	$34,893,484
Total Participant Costs	$10,395,094	$11,996,820	nav	$27,983,122
Total Third Party Costs	$118,271	$289,210	nav	$201,414
Total Services and Initiatives Costs	$19,142,228	$32,127,567	$19,572,300	$63,078,019

Annualized MWh Savings	36,778	67,046	nap	127,138
Lifetime MWh Savings	514,406	881,007	nap	1,711,198
TRB Savings (2006 $)	$31,593,868	$71,665,383	nap	$121,754,756
Winter Coincident Peak kW Savings	4,833	8,821	nap	17,094
Summer Coincident Peak kW Savings	5,568	11,283	nap	21,341
Annualized MWh Savings/Participant	44.526	37.561	nap	42.224
Weighted Lifetime	14	13	nap	13
Committed Incentives	$706,360	$958,753	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

2.1.9. Business Energy Services - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	146	2,595	2,252	41,880	233	736	2,148	0	$463,597	$1,154,101
Cooking and Laundry	11	51	41	672	7	5	125	283	$6,161	$38,674
Design Assistance	32	1,150	904	13,445	32	439	5,045	0	$130,459	$553,560
Hot Water Efficiency	33	22	20	216	7	6	1,019	931	$4,238	$51,651
Hot Water Fuel Switch	8	64	71	1,795	11	7	-226	0	$6,941	$10,214
Industrial Process Eff.	46	7,925	8,357	90,920	1,003	733	13,924	236	$490,476	$1,649,762
Lighting	1,538	44,437	37,662	587,371	6,059	8,270	-39,144	0	$7,597,716	$5,466,902
Motors	120	3,896	3,544	50,127	624	455	3,657	0	$383,405	$984,180
Other Efficiency	13	269	230	3,952	52	46	68	844	$34,457	$53,606
Other Fuel Switch	8	409	406	8,228	70	76	-1,398	0	$11,678	$28,248
Other Indirect Activity	16	292	262	1,428	34	35	0	0	$33,083	$40,172
Refrigeration	293	3,980	3,556	51,692	428	242	1,221	0	$505,234	$827,140
Space Heat Efficiency	46	328	312	5,885	58	58	8,502	0	$111,631	$756,169
Space Heat Fuel Switch	11	347	363	10,402	98	0	-1,309	0	$66,097	$55,539
Ventilation	58	1,282	1,228	12,995	106	175	13,913	0	$79,058	$324,502
Water Conservation	4	0	0	0	0	0	0	177	$0	$2,400
Totals		67,046	59,209	881,007	8,821	11,283	7,545	2,471	$9,924,230	$11,996,820

2.1.10. Business Energy Services - 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	Participant Incentives Paid	Participant Costs
Barton	3	2	1	25	0	0	0	0	$1,090	$1,216
Burlington	6	18	17	109	2	3	-22	0	$29,086	$31,752
CVPS	820	36,168	32,268	469,132	4,765	5,607	-543	492	$5,180,807	$5,595,224
Enosburg Falls	12	369	387	4,470	42	37	-49	0	$24,075	$35,610
Green Mountain	604	19,654	17,009	261,027	2,670	3,498	389	1,679	$3,016,972	$4,286,570
Hardwick	17	536	423	8,716	79	96	897	0	$62,935	$191,845
Hyde Park	3	289	216	4,100	32	70	-9	0	$36,753	$75,523
Jacksonville	1	3	3	14	0	0	0	0	$109	$162
Johnson	3	235	182	3,209	24	45	-153	0	$31,655	$19,199
Ludlow	2	359	623	5,187	53	3	6,165	0	$20,276	$230,688
Lyndonville	16	991	787	14,547	113	112	-1,047	0	$47,406	$217,825
Morrisville	13	164	150	2,443	19	25	-34	0	$12,821	$128,356
Northfield	11	902	719	13,041	111	131	-432	0	$68,140	$163,750
Orleans	4	70	67	775	12	23	-1	0	$8,901	$14,641
Stowe	21	1,123	932	14,746	77	506	5,254	2	$81,573	$505,207
Swanton	18	159	139	2,048	23	27	36	5	$19,718	$42,327
VT Electric Coop	209	5,367	4,734	71,066	714	971	-2,420	293	$1,254,293	$368,850
VT Marble	2	2	2	15	0	0	0	0	$120	$0
Washington Electric	20	634	549	6,335	86	128	-486	0	$27,500	$88,076
Totals	1,785	67,046	59,209	881,007	8,821	11,283	7,545	2,471	$9,924,230	$11,996,820

2.1.11. Business Energy Services - 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	Participant Incentives Paid	Participant Costs
Addison	80	2,193	1,863	30,851	323	340	2,163	383	$194,200	$576,684
Bennington	182	6,064	5,253	78,733	842	990	-3,516	0	$958,099	$934,143
Caledonia	53	2,350	2,062	32,326	323	391	-1,474	7	$136,905	$535,686
Chittenden	557	19,917	17,346	258,659	2,566	3,602	-4,390	795	$3,336,853	$3,064,708
Essex	9	509	480	5,488	44	64	-126	0	$93,380	$9,780
Franklin	186	8,266	7,550	103,766	1,038	1,370	-3,521	5	$1,507,562	$586,215
Grand Isle	14	57	52	757	11	4	-3	0	$10,161	$12,463
Lamoille	55	1,956	1,602	26,472	171	675	4,947	2	$196,080	$755,002
Orange	28	844	772	5,215	37	36	37	0	$37,668	$123,441
Orleans	164	4,685	4,095	63,088	655	902	-1,136	293	$1,165,384	$378,371
Rutland	89	4,677	4,192	63,779	620	571	6,042	117	$268,794	$1,110,713
Washington	121	3,828	3,178	49,446	523	678	92	185	$306,228	$1,124,459
Windham	180	8,466	7,711	118,209	1,153	1,160	995	480	$1,460,697	$1,574,349
Windsor	67	3,235	3,052	44,218	517	501	7,436	206	$252,218	$1,210,806
Totals	1,785	67,046	59,209	881,007	8,821	11,283	7,545	2,471	$9,924,230	$11,996,820

2.1.12. Residential Energy Services - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	42,766	53,833	nap	116,013
# participants with analysis	2,483	2,763	nap	7,885
# participants with analysis and installations	2,511	2,983	nap	7,658

Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$1,777,705	$2,026,288	$2,548,100	$5,592,677
Marketing/Business Development	$1,755,718	$1,564,319	$2,206,500	$4,681,133
Subtotal Operating Costs	$3,533,423	$3,590,606	$4,754,600	$10,273,809
Incentive Costs				
Incentives to Participants	$3,002,582	$3,505,068	$4,247,200	$8,845,527
Incentives to Trade Allies	$19,396	$83,669	$163,500	$135,372
Subtotal Incentive Costs	$3,021,978	$3,588,737	$4,410,700	$8,980,899
Technical Assistance Costs				
Services to Participants	$1,397,969	$1,170,768	$1,351,900	$3,880,045
Services to Trade Allies	$231,933	$557,280	$486,500	$935,247
Subtotal Technical Assistance Costs	$1,629,902	$1,728,049	$1,838,400	$4,815,293
Total Efficiency Vermont Costs	$8,185,303	$8,907,392	$11,003,700	$24,070,001
Total Participant Costs	$8,614,256	$12,781,167	nav	$28,181,364
Total Third Party Costs	$617,491	$1,051,615	nav	$1,604,407
Total Services and Initiatives Costs	$17,417,049	$22,740,174	$11,003,700	$53,855,772

Annualized MWh Savings	57,154	78,752	nap	165,539
Lifetime MWh Savings	429,061	527,626	nap	1,225,500
TRB Savings (2006 $)	$32,823,115	$56,442,566	nap	$112,701,223
Winter Coincident Peak kW Savings	9,631	14,852	nap	29,221
Summer Coincident Peak kW Savings	7,362	9,657	nap	21,339
Annualized MWh Savings/Participant	1.336	1.463	nap	1.427
Weighted Lifetime	8	7	nap	7
Committed Incentives	nap	nap	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

2.1.13. Residential Energy Services - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	2,580	460	441	7,898	21	497	0	0	$77,447	$475,547
Cooking and Laundry	4,854	1,128	875	15,759	159	119	2,539	32,533	$231,423	$3,286,358
Hot Water Efficiency	2,189	483	457	3,848	54	36	9,502	7,304	$21,634	$145,663
Hot Water Fuel Switch	421	1,263	1,349	37,898	209	107	-4,453	0	$294,249	$456,885
Lighting	45,240	72,230	54,591	408,208	13,793	8,593	-27,246	0	$1,975,103	$2,597,176
Motors	206	813	749	12,345	62	53	290	0	$54,110	$68,622
Other Fuel Switch	337	197	242	5,922	34	26	23	0	$20,881	$66,032
Other Indirect Activity	576	413	366	1,652	55	66	1	0	$263,069	-$125,993
Refrigeration	4,503	773	894	13,076	89	93	0	0	$425,075	$3,208,212
Space Heat Efficiency	1,106	401	361	8,994	182	43	52,689	0	$70,698	$2,284,265
Space Heat Fuel Switch	125	294	274	8,813	155	0	-1,014	0	$39,996	$131,783
Ventilation	1,187	295	264	3,213	39	24	2,802	0	$31,384	$186,616
Totals		78,752	60,862	527,626	14,852	9,657	35,134	39,837	$3,505,068	$12,781,167

2.1.14. Residential Energy Services - 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	Participant Incentives Paid	Participant Costs
Barton	165	225	174	1,820	42	26	152	129	$19,210	$30,201
Burlington	44	23	18	142	5	3	164	0	$448	$29,021
CVPS	20,574	29,897	23,044	191,469	5,637	3,603	11,794	17,276	$1,314,230	$4,688,243
Enosburg Falls	223	715	541	4,481	135	86	-310	166	$36,988	$55,054
Green Mountain	20,639	26,775	20,931	191,893	5,081	3,408	17,050	14,169	$1,230,611	$4,984,955
Hardwick	562	1,237	949	9,176	236	146	-167	252	$57,065	$143,671
Hyde Park	136	427	322	2,474	80	52	-74	91	$17,397	$45,855
Jacksonville	62	54	41	308	10	6	-15	36	$1,615	$9,844
Johnson	152	306	229	1,670	58	37	-97	104	$8,221	$22,325
Ludlow	372	1,782	1,456	17,904	266	191	2,525	330	$92,583	$295,649
Lyndonville	648	834	637	4,961	157	98	-169	422	$36,794	$67,141
Morrisville	448	1,049	797	5,874	199	128	-101	382	$32,667	$144,817
Northfield	306	749	570	4,310	140	94	85	196	$25,758	$94,760
Orleans	118	231	175	1,435	44	27	-95	36	$12,238	$14,989
Readsboro	29	22	17	141	4	2	2	18	$1,310	$521
Stowe	333	766	586	4,961	137	141	892	229	$31,246	$183,707
Swanton	407	1,291	982	8,292	247	155	272	343	$65,016	$96,797
VT Electric Coop	5,806	9,807	7,429	58,836	1,875	1,165	249	4,140	$383,402	$1,225,128
VT Marble	104	52	40	340	10	6	67	71	$2,158	$26,607
Washington Electric	2,705	2,510	1,926	17,138	490	284	2,911	1,449	$136,109	$621,882
Totals	53,833	78,752	60,862	527,626	14,852	9,657	35,134	39,837	$3,505,068	$12,781,167

2.1.15. Residential Energy Services - 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	Participant Incentives Paid	Participant Costs
Addison	2,688	4,373	3,323	26,518	814	546	1,825	2,584	$178,099	$719,967
Bennington	2,454	5,138	4,005	34,434	960	602	2,653	1,912	$222,241	$656,277
Caledonia	2,149	3,382	2,581	21,875	640	403	-612	1,268	$143,539	$322,700
Chittenden	17,112	20,039	15,783	145,300	3,756	2,575	15,714	11,477	$917,946	$3,789,390
Essex	386	270	209	1,859	53	28	-58	259	$19,010	$36,036
Franklin	4,403	7,656	5,850	48,845	1,457	911	4,275	3,014	$361,443	$809,659
Grand Isle	596	660	506	4,373	127	77	6	464	$32,348	$164,537
Lamoille	1,872	3,637	2,769	21,902	681	491	953	1,492	$136,596	$603,366
Orange	2,126	2,474	1,892	15,635	468	299	536	1,777	$112,173	$425,569
Orleans	2,348	4,256	3,227	25,867	814	502	-1,011	1,122	$185,242	$364,971
Rutland	4,321	6,096	4,641	36,593	1,148	757	118	4,062	$227,435	$1,016,664
Washington	5,447	9,985	7,652	68,372	1,957	1,203	4,556	4,120	$453,218	$2,050,579
Windham	3,544	4,974	3,836	30,654	933	596	1,721	2,789	$233,548	$617,352
Windsor	4,387	5,811	4,590	45,400	1,045	668	4,457	3,497	$282,232	$1,204,100
Totals	53,833	78,752	60,862	527,626	14,852	9,657	35,134	39,837	$3,505,068	$12,781,167

2.1.16. 2006-2008 Minimum Performance Requirements			
MPR#	**Name**	**Minimum Requirement**	**1/1/06 To Date**
1	Minimum Electric Benefits	Total electric benefits divided by total EEU costs is greater than 1.2	2.96
2	Threshold (or minimum acceptable) Level of Participation by Residential Customers	Total residential sector spending is greater than $19,700,000	$24,069,999
3	Threshold (or minimum acceptable) Level of Participation by Low-Income Households	Spending for low-income single and multifamily services is greater than $6,307,000	$6,444,988
4	Threshold (or minimum acceptable) Level of Participation by Small Non-residential Customers	Number of total non-residential accounts with annual electric use of 40,000 kWh/yr or less that have savings is greater than 700	926
5	Geographic Equity	TRB for each county is greater than values shown in table below	
	County	**3-Year Minimum TRB Goal**	**1/1/06 To Date**
	Addison	$3,790,700	$10,972,741
	Bennington	$5,104,700	$16,939,711
	Caledonia	$2,611,100	$8,548,879
	Chittenden	$12,062,700	$64,565,790
	Essex	$542,200	$850,312
	Franklin	$4,620,300	$21,030,303
	Grand Isle	$320,600	$1,112,531
	Lamoille	$2,400,100	$11,264,827
	Orange	$2,177,400	$5,142,838
	Orleans	$2,178,900	$11,233,477
	Rutland	$8,129,500	$18,273,246
	Washington	$6,134,600	$23,422,953
	Windham	$6,503,300	$23,670,504
	Windsor	$6,291,900	$17,427,868

2.1.17. Community Energy Initiative				
Community	Name	Electric Accounts with, or MWh savings for, Efficiency Measures Installed	Total Electric Accounts or Total Energy Sales for all Accounts	5/05/06 To Date Ratio
Village of Northfield	Community Participation	871	2,155	40.42%
	Reduction in community-wide electrical energy use (MWh)	4,457	32,753	13.61%
Town of Hardwick	Community Participation	598	1,340	44.63%
	Reduction in community-wide electrical energy use (MWh)	2,071	11,691	17.71%

Performance Indicator:	Completion of community-based projects with over 35% participation in each community, at least one of which demonstrates a 3% reduction in community-wide electrical energy use

3.1.1. Business New Construction - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	121	180	nap	372
# participants with analysis	156	217	nap	535
# participants with analysis and installations	121	180	nap	372
Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$454,110	$197,788	$668,400	$1,124,170
Marketing/Business Development	$398,750	$199,888	$318,400	$963,786
Subtotal Operating Costs	$852,860	$397,676	$986,800	$2,087,956
Incentive Costs				
Incentives to Participants	$848,112	$861,415	$897,800	$2,264,221
Incentives to Trade Allies	$655	$2,494	$2,600	$3,653
Subtotal Incentive Costs	$848,767	$863,909	$900,400	$2,267,874
Technical Assistance Costs				
Services to Participants	$613,543	$543,439	$949,000	$1,771,201
Services to Trade Allies	$0	$0	$0	$0
Subtotal Technical Assistance Costs	$613,543	$543,439	$949,000	$1,771,201
Total Efficiency Vermont Costs	$2,315,169	$1,805,024	$2,836,200	$6,127,031
Total Participant Costs	$2,701,108	$2,196,949	nav	$6,193,427
Total Third Party Costs	$40,386	$53,344	nav	$66,286
Total Services and Initiatives Costs	$5,056,663	$4,055,316	nav	$12,386,744
Annualized MWh Savings	8,599	9,313	nap	22,023
Lifetime MWh Savings	126,229	136,615	nap	322,245
TRB Savings (2006 $)	$9,466,249	$13,783,067	nap	$27,500,626
Winter Coincident Peak kW Savings	1,082	1,179	nap	2,867
Summer Coincident Peak kW Savings	1,565	1,902	nap	4,431
Annualized MWh Savings/Participant	71.064	51.738	nap	59.201
Weighted Lifetime	15	15	nap	15
Committed Incentives	$162,891	$176,101	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

3.1.2. Business 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	47	1,084	789	17,226	51	260	1,012	0	$133,340	$101,621
Cooking and Laundry	6	34	25	453	5	4	120	93	$4,472	$16,681
Design Assistance	8	803	593	12,751	32	439	5,045	0	$74,596	$531,503
Hot Water Efficiency	10	0	0	2	0	0	260	602	$76	$4,993
Hot Water Fuel Switch	1	2	2	71	1	1	-11	0	$1,639	$1,373
Industrial Process Eff.	2	283	214	4,079	50	49	0	0	$67,351	$95,655
Lighting	164	4,908	3,806	69,062	708	909	-4,122	0	$356,952	$886,828
Motors	35	928	678	14,024	154	115	415	0	$83,623	$146,374
Other Efficiency	6	59	43	1,562	8	7	0	185	$7,766	$10,482
Other Fuel Switch	3	2	2	70	12	9	-8	0	$1,587	$1,250
Other Indirect Activity	1	0	0	1	0	0	0	0	$17	$103
Refrigeration	29	999	730	13,548	117	66	1,221	0	$92,442	$131,979
Space Heat Efficiency	22	50	37	984	7	30	4,673	0	$20,039	$169,683
Space Heat Fuel Switch	2	56	48	1,691	22	0	-208	0	$3,325	$3,299
Ventilation	41	102	74	1,090	12	14	5,081	0	$14,189	$93,924
Water Conservation	3	0	0	0	0	0	0	127	$0	$1,200
Totals		9,313	7,041	136,615	1,179	1,902	13,477	1,007	$861,415	$2,196,949

3.1.3. Business 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	Participant Incentives Paid	Participant Costs
Barton	1	2	1	25	0	0	0	0	$605	$360
CVPS	69	3,359	2,539	50,784	451	540	4,101	296	$267,996	$673,713
Enosburg Falls	1	0	0	7	0	0	0	0	$60	$105
Green Mountain	67	3,706	2,806	52,847	525	659	2,829	412	$385,552	$726,402
Hardwick	4	225	167	4,321	29	37	1,184	0	$35,938	$71,675
Hyde Park	1	240	172	3,425	22	57	24	0	$27,505	$60,854
Johnson	1	182	140	2,422	16	34	-95	0	$21,510	$13,087
Lyndonville	1	5	5	81	1	2	-5	0	$725	$600
Morrisville	3	23	20	336	3	4	-25	0	$2,594	$2,719
Northfield	3	456	325	6,784	40	65	-213	0	$27,493	$75,819
Orleans	1	2	2	30	0	0	-1	0	$453	$371
Stowe	5	750	584	10,539	39	422	5,200	2	$56,186	$450,547
Swanton	5	49	40	563	7	8	94	5	$5,405	$13,048
VT Electric Coop	16	253	191	3,584	35	69	211	293	$24,970	$89,326
Washington Electric	2	60	46	865	11	6	173	0	$4,423	$18,326
Totals	180	9,313	7,041	136,615	1,179	1,902	13,477	1,007	$861,415	$2,196,949

3.1.4. Business 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	Participant Incentives Paid	Participant Costs
Addison	17	654	493	9,689	99	113	1,901	333	$69,324	$210,834
Bennington	16	414	320	5,903	63	72	-332	0	$34,338	$75,341
Caledonia	8	75	65	1,058	14	16	143	7	$9,335	$17,898
Chittenden	50	3,021	2,293	43,596	406	558	2,174	57	$301,515	$594,653
Essex	1	0	0	7	0	0	-1	0	$242	$165
Franklin	12	249	194	3,276	31	32	41	5	$22,266	$36,025
Grand Isle	2	2	2	33	0	0	-2	0	$605	$480
Lamoille	13	1,198	920	16,769	80	518	5,101	2	$108,580	$528,031
Orange	2	12	9	138	1	0	195	0	$761	$1,450
Orleans	13	415	306	7,026	53	92	1,445	293	$55,495	$154,607
Rutland	11	822	620	12,136	94	109	-348	35	$32,511	$103,828
Washington	22	1,024	752	14,477	125	147	584	185	$91,831	$158,315
Windham	4	904	667	14,257	109	161	844	0	$72,528	$182,796
Windsor	9	522	398	8,251	103	83	1,732	92	$62,086	$132,527
Totals	180	9,313	7,041	136,615	1,179	1,902	13,477	1,007	$861,415	$2,196,949

3.1.5. Business New Construction - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$11,210,781
Fossil Fuel Savings (Costs)	$247,811	$2,506,084
Water Savings (Costs)	$7,532	$66,203
Total	$255,344	$13,783,068

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	7,041	8,250	9,313
Winter on peak	2,676	3,118	3,539
Winter off peak	1,484	1,739	1,951
Summer on peak	1,884	2,215	2,518
Summer off peak	997	1,178	1,304
Coincident Demand Savings (kW)			
Winter	920	1,072	1,179
Shoulder	0	0	0
Summer	1,465	1,722	1,902

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	832	1,007	10,758
Annualized fuel savings (increase) MMBtu	10,946	13,476	245,527
LP	4,464	5,358	97,606
NG	1,925	2,389	52,955
Oil/Kerosene	3,785	4,819	80,656
Wood	771	912	14,331
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$23,798	$23,955	$227,159

Net Societal Benefits	$9,059,747

3.1.6. Business Existing Facilities - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	705	1,605	nap	2,639
# participants with analysis	633	990	nap	3,282
# participants with analysis and installations	350	1,124	nap	1,582

Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$1,482,691	$2,060,595	$2,029,100	$4,525,106
Marketing/Business Development	$1,101,942	$2,003,115	$1,879,000	$3,906,962
Subtotal Operating Costs	$2,584,633	$4,063,710	$3,908,100	$8,432,068
Incentive Costs				
Incentives to Participants	$1,864,572	$9,062,815	$9,498,300	$12,300,361
Incentives to Trade Allies	$2,308	$20,618	$21,200	$40,116
Subtotal Incentive Costs	$1,866,880	$9,083,433	$9,519,500	$12,340,477
Technical Assistance Costs				
Services to Participants	$1,862,180	$4,889,370	$3,308,500	$7,993,908
Services to Trade Allies	$0	$0	$0	$0
Subtotal Technical Assistance Costs	$1,862,180	$4,889,370	$3,308,500	$7,993,908
Total Efficiency Vermont Costs	$6,313,694	$18,036,514	$16,736,100	$28,766,453
Total Participant Costs	$7,693,986	$9,799,871	nav	$21,789,694
Total Third Party Costs	$77,885	$235,866	nav	$135,128
Total Services and Initiatives Costs	$14,085,565	$28,072,251	$16,736,100	$50,691,275

Annualized MWh Savings	28,179	57,733	nap	105,115
Lifetime MWh Savings	388,177	744,392	nap	1,388,952
TRB Savings (2006 $)	$22,127,619	$57,882,316	nap	$94,254,130
Winter Coincident Peak kW Savings	3,751	7,642	nap	14,227
Summer Coincident Peak kW Savings	4,003	9,381	nap	16,910
Annualized MWh Savings/Participant	39.971	35.971	nap	39.831
Weighted Lifetime	14	13	nap	13
Committed Incentives	$543,469	$782,652	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

3.1.7. Business Existing Facilities - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	99	1,510	1,463	24,655	181	476	1,136	0	$330,257	$1,052,480
Cooking and Laundry	5	17	16	218	2	2	5	190	$1,689	$21,993
Design Assistance	24	347	311	694	0	0	0	0	$55,863	$22,057
Hot Water Efficiency	23	22	20	214	7	6	759	329	$4,162	$46,658
Hot Water Fuel Switch	7	62	69	1,724	9	6	-215	0	$5,302	$8,841
Industrial Process Eff.	44	7,642	8,143	86,840	953	683	13,924	236	$423,124	$1,554,107
Lighting	1,374	39,529	33,857	518,309	5,351	7,361	-35,022	0	$7,240,764	$4,580,074
Motors	85	2,968	2,866	36,103	470	340	3,243	0	$299,782	$837,806
Other Efficiency	7	210	187	2,390	44	39	68	659	$26,691	$43,123
Other Fuel Switch	5	406	404	8,158	58	67	-1,390	0	$10,091	$26,998
Other Indirect Activity	15	291	261	1,427	34	35	0	0	$33,065	$40,069
Refrigeration	264	2,981	2,826	38,144	311	176	0	0	$412,792	$695,161
Space Heat Efficiency	24	278	275	4,900	52	28	3,829	0	$91,592	$586,486
Space Heat Fuel Switch	9	290	315	8,710	75	0	-1,101	0	$62,772	$52,239
Ventilation	17	1,180	1,154	11,905	94	161	8,832	0	$64,869	$230,578
Water Conservation	1	0	0	0	0	0	0	49	$0	$1,200
Totals		57,733	52,168	744,392	7,642	9,381	-5,931	1,464	$9,062,815	$9,799,871

3.1.8. Business Existing Facilities - 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	Participant Incentives Paid	Participant Costs
Barton	2	0	0	0	0	0	0	0	$485	$856
Burlington	6	18	17	109	2	3	-22	0	$29,086	$31,752
CVPS	751	32,809	29,729	418,348	4,314	5,067	-4,644	197	$4,912,811	$4,921,512
Enosburg Falls	11	368	387	4,464	42	37	-49	0	$24,015	$35,505
Green Mountain	537	15,948	14,203	208,180	2,144	2,840	-2,439	1,267	$2,631,420	$3,560,168
Hardwick	13	311	256	4,395	50	59	-287	0	$26,997	$120,171
Hyde Park	2	50	44	675	10	13	-33	0	$9,249	$14,669
Jacksonville	1	3	3	14	0	0	0	0	$109	$162
Johnson	2	53	41	788	8	11	-58	0	$10,145	$6,112
Ludlow	2	359	623	5,187	53	3	6,165	0	$20,276	$230,688
Lyndonville	15	985	782	14,465	112	111	-1,042	0	$46,681	$217,225
Morrisville	10	141	130	2,107	16	21	-9	0	$10,227	$125,638
Northfield	8	446	393	6,257	71	66	-220	0	$40,648	$87,932
Orleans	3	68	66	745	12	23	0	0	$8,447	$14,270
Stowe	16	373	348	4,207	38	83	54	0	$25,387	$54,660
Swanton	13	110	99	1,485	16	19	-58	0	$14,313	$29,279
VT Electric Coop	193	5,114	4,543	67,481	679	902	-2,631	0	$1,229,323	$279,524
VT Marble	2	2	2	15	0	0	0	0	$120	$0
Washington Electric	18	574	504	5,470	75	123	-659	0	$23,077	$69,750
Totals	1,605	57,733	52,168	744,392	7,642	9,381	-5,931	1,464	$9,062,815	$9,799,871

3.1.9. Business Existing Facilities - 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	Participant Incentives Paid	Participant Costs
Addison	63	1,539	1,370	21,162	224	227	263	49	$124,876	$365,850
Bennington	166	5,650	4,932	72,830	779	918	-3,184	0	$923,762	$858,802
Caledonia	45	2,275	1,997	31,268	309	374	-1,617	0	$127,570	$517,789
Chittenden	507	16,896	15,054	215,062	2,159	3,044	-6,564	738	$3,035,338	$2,470,055
Essex	8	508	480	5,480	44	64	-125	0	$93,138	$9,615
Franklin	174	8,016	7,356	100,490	1,007	1,338	-3,562	0	$1,485,296	$550,189
Grand Isle	12	55	50	724	11	4	-1	0	$9,557	$11,983
Lamoille	42	758	682	9,703	91	157	-154	0	$87,500	$226,971
Orange	26	832	763	5,078	36	35	-158	0	$36,907	$121,991
Orleans	151	4,270	3,788	56,062	601	810	-2,582	0	$1,109,890	$223,764
Rutland	78	3,856	3,572	51,643	525	462	6,391	82	$236,283	$1,006,885
Washington	99	2,804	2,426	34,969	398	531	-492	0	$214,397	$966,143
Windham	176	7,562	7,044	103,952	1,044	999	151	480	$1,388,169	$1,391,553
Windsor	58	2,713	2,653	35,967	415	418	5,704	115	$190,133	$1,078,280
Totals	1,605	57,733	52,168	744,392	7,642	9,381	-5,931	1,464	$9,062,815	$9,799,871

3.1.10. Business Existing Facilities - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$57,875,484
Fossil Fuel Savings (Costs)	($28,155)	($95,784)
Water Savings (Costs)	$10,946	$102,620
Total	($17,209)	$57,882,320

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	52,168	51,140	57,733
Winter on peak	21,806	21,491	24,393
Winter off peak	13,049	12,455	14,605
Summer on peak	11,116	11,118	12,499
Summer off peak	6,197	6,076	6,726
Coincident Demand Savings (kW)			
Winter	7,091	6,948	7,642
Shoulder	0	0	0
Summer	8,479	8,489	9,381

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	1,549	1,464	17,178
Annualized fuel savings (increase) MMBtu	5,711	(5,931)	(82,913)
LP	4,233	3,864	42,234
NG	1,817	772	(1,575)
Oil/Kerosene	53	(9,986)	(115,936)
Wood	(452)	(557)	(7,381)
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$452,938	$444,155	$4,694,523

Net Societal Benefits	$43,113,116

3.1.11. Residential New Construction - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	1,330	837	nap	2,875
# participants with analysis	512	364	nap	1,568
# participants with analysis and installations	629	463	nap	1,637

Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$682,084	$616,777	$720,900	$1,968,359
Marketing/Business Development	$465,564	$243,961	$414,400	$1,195,244
Subtotal Operating Costs	$1,147,648	$860,739	$1,135,300	$3,163,604
Incentive Costs				
Incentives to Participants	$715,665	$463,551	$742,800	$1,840,506
Incentives to Trade Allies	$0	$0	$0	$1,360
Subtotal Incentive Costs	$715,665	$463,551	$742,800	$1,841,866
Technical Assistance Costs				
Services to Participants	$839,625	$689,721	$783,400	$2,286,983
Services to Trade Allies	$90,740	$78,215	$72,300	$248,088
Subtotal Technical Assistance Costs	$930,365	$767,936	$855,700	$2,535,071
Total Efficiency Vermont Costs	$2,793,677	$2,092,225	$2,733,800	$7,540,540
Total Participant Costs	$1,061,814	$757,490	nav	$2,558,342
Total Third Party Costs	$248,450	$264,480	nav	$569,508
Total Services and Initiatives Costs	$4,103,941	$3,114,195	$2,733,800	$10,668,390

Annualized MWh Savings	3,471	2,494	nap	8,127
Lifetime MWh Savings	58,690	45,595	nap	143,470
TRB Savings (2006 $)	$9,878,633	$16,629,172	nap	$34,772,465
Winter Coincident Peak kW Savings	487	416	nap	1,219
Summer Coincident Peak kW Savings	542	524	nap	1,510
Annualized MWh Savings/Participant	2.610	2.980	nap	2.827
Weighted Lifetime	17	18	nap	18
Committed Incentives	nap	nap	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

3.1.12. 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	325	314	274	6,183	21	331	0	0	$11,511	$35,373
Cooking and Laundry	636	73	60	1,005	10	7	335	2,116	$13,370	$99,031
Hot Water Efficiency	583	0	0	0	0	0	8,683	844	$0	$132,106
Hot Water Fuel Switch	16	43	38	1,282	7	3	-143	0	$3,605	$7,422
Lighting	818	886	819	15,152	182	74	-169	0	$126,662	$214,595
Motors	149	529	469	8,065	28	21	0	0	$27,001	$31,090
Other Fuel Switch	313	171	217	5,144	30	23	102	0	$17,092	$48,805
Other Indirect Activity	322	0	0	0	0	0	0	0	$240,505	-$148,215
Refrigeration	697	68	65	1,107	7	7	0	0	$6,144	$12,862
Space Heat Efficiency	656	233	199	5,638	112	39	39,025	0	$5,326	$208,024
Ventilation	620	176	150	2,019	19	19	2,802	0	$12,334	$116,397
Totals		2,494	2,290	45,595	416	524	50,636	2,960	$463,551	$757,490

3.1.13. 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	Participant Incentives Paid	Participant Costs
Barton	2	5	5	105	1	0	262	10	$1,955	$1,507
CVPS	293	537	504	10,071	128	79	16,255	1,125	$145,958	$142,014
Green Mountain	332	999	919	19,443	178	325	23,669	1,286	$189,252	$272,922
Hardwick	22	50	47	1,203	9	4	225	31	$10,546	$17,740
Ludlow	93	715	642	11,161	56	60	3,079	210	$61,892	$220,673
Lyndonville	1	2	2	50	0	0	88	8	$0	$100
Northfield	11	8	7	82	2	0	130	8	$1,164	$1,347
Stowe	16	38	35	870	4	46	908	15	$12,073	$56,604
Swanton	8	12	11	233	3	1	860	17	$6,484	$642
VT Electric Coop	37	77	72	1,401	23	4	3,082	138	$19,586	$47,823
Washington Electric	22	51	48	975	12	5	2,078	113	$14,641	-$3,882
Totals	837	2,494	2,290	45,595	416	524	50,636	2,960	$463,551	$757,490

3.1.14. 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	Participant Incentives Paid	Participant Costs
Addison	30	61	56	1,124	16	6	2,925	157	$18,517	$16,224
Bennington	55	62	57	1,149	14	8	2,909	164	$25,504	$26,755
Caledonia	25	59	56	1,397	11	5	533	49	$12,369	$18,786
Chittenden	308	936	860	18,259	163	321	21,863	1,152	$166,007	$245,618
Franklin	120	167	159	2,935	38	12	5,412	373	$47,882	$34,791
Grand Isle	2	2	1	34	1	0	215	10	$2	$1,635
Lamoille	23	53	50	1,163	7	48	1,401	43	$17,129	$63,682
Orange	9	27	25	540	6	5	817	24	$6,813	$3,903
Orleans	9	34	32	572	11	2	571	59	$6,362	$32,562
Rutland	18	50	46	988	12	12	1,877	89	$11,766	$10,972
Washington	53	98	91	1,794	24	8	4,256	220	$31,005	$11,892
Windham	62	116	108	2,078	24	22	3,074	304	$39,420	$36,337
Windsor	123	829	750	13,562	89	75	4,784	318	$80,773	$254,334
Totals	837	2,494	2,290	45,595	416	524	50,636	2,960	$463,551	$757,490

3.1.15. Residential New Construction - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$3,556,162
Fossil Fuel Savings (Costs)	$1,067,204	$12,856,453
Water Savings (Costs)	$22,177	$216,555
Total	$1,089,381	$16,629,170

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	2,290	2,214	2,494
Winter on peak	765	733	832
Winter off peak	751	727	815
Summer on peak	435	424	482
Summer off peak	339	330	365
Coincident Demand Savings (kW)			
Winter	392	378	416
Shoulder	0	0	0
Summer	471	475	524

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	2,869	2,960	36,774
Annualized fuel savings (increase) MMBtu	48,416	50,636	1,230,557
LP	25,436	26,638	644,098
NG	15,697	16,412	398,419
Oil/Kerosene	7,282	7,578	188,065
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$58,357	$55,592	$1,086,517

Net Societal Benefits	$14,738,557

3.1.16. Efficient Products - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	38,317	47,466	nap	102,429
# participants with analysis	0	0	nap	0
# participants with analysis and installations	0	0	nap	0
Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$522,656	$652,074	$684,700	$1,545,921
Marketing/Business Development	$803,227	$1,092,285	$1,147,200	$2,289,187
Subtotal Operating Costs	$1,325,883	$1,744,360	$1,831,900	$3,835,109
Incentive Costs				
Incentives to Participants	$1,269,578	$2,013,324	$1,734,200	$4,071,505
Incentives to Trade Allies	$898	$0	$0	$15,003
Subtotal Incentive Costs	$1,270,476	$2,013,324	$1,734,200	$4,086,508
Technical Assistance Costs				
Services to Participants	$0	$0	$0	$0
Services to Trade Allies	$15,317	$278,169	$231,000	$360,387
Subtotal Technical Assistance Costs	$15,317	$278,169	$231,000	$360,387
Total Efficiency Vermont Costs	$2,611,675	$4,035,852	$3,797,100	$8,282,003
Total Participant Costs	$5,615,429	$8,973,995	nav	$19,354,915
Total Third Party Costs	$232,024	$467,163	nav	$659,997
Total Services and Initiatives Costs	$8,459,128	$13,477,011	$3,797,100	$28,296,916
Annualized MWh Savings	49,482	70,475	nap	143,448
Lifetime MWh Savings	279,222	393,649	nap	816,498
TRB Savings (2006 $)	$19,697,016	$33,250,816	nap	$64,784,160
Winter Coincident Peak kW Savings	8,339	13,286	nap	25,262
Summer Coincident Peak kW Savings	6,555	8,666	nap	18,759
Annualized MWh Savings/Participant	1.291	1.485	nap	1.400
Weighted Lifetime	6	6	nap	6
Committed Incentives	nap	nap	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

3.1.17. 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	2,234	141	163	1,657	0	145	0	0	$62,787	$437,224
Cooking and Laundry	4,154	1,044	804	14,610	147	111	2,128	30,218	$214,396	$3,170,161
Lighting	40,360	68,756	51,417	373,672	13,070	8,329	-26,716	0	$1,620,710	$2,271,432
Other Indirect Activity	197	413	366	1,652	55	66	0	0	$19,879	$16,427
Refrigeration	2,905	122	295	2,059	14	15	0	0	$95,551	$3,078,751
Totals		70,475	53,045	393,649	13,286	8,666	-24,588	30,218	$2,013,324	$8,973,995

3.1.18. 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	Participant Incentives Paid	Participant Costs
Barton	148	190	142	1,087	36	23	-61	107	$5,678	$27,596
Burlington	40	20	15	105	4	3	-9	0	$264	$421
CVPS	17,641	27,142	20,434	153,109	5,130	3,327	-9,124	13,682	$789,109	$3,706,054
Enosburg Falls	210	679	509	3,763	128	83	-258	135	$18,784	$55,054
Green Mountain	18,397	23,231	17,539	128,990	4,351	2,890	-8,373	9,585	$677,954	$3,209,403
Hardwick	497	1,094	819	5,980	205	136	-430	163	$28,173	$62,287
Hyde Park	122	410	307	2,231	77	51	-159	78	$10,054	$33,527
Jacksonville	62	54	41	308	10	6	-15	36	$1,615	$9,844
Johnson	123	297	222	1,610	56	36	-110	64	$7,094	$22,319
Ludlow	231	1,014	758	5,379	187	130	-433	114	$23,848	$46,403
Lyndonville	604	767	577	4,289	146	93	-263	256	$21,635	$66,410
Morrisville	373	991	744	5,415	185	124	-376	291	$25,656	$107,394
Northfield	234	699	524	3,738	128	91	-302	121	$17,281	$50,044
Orleans	105	217	162	1,173	41	26	-80	36	$5,712	$14,988
Readsboro	24	18	13	102	4	2	-4	0	$548	$515
Stowe	280	706	529	3,827	128	94	-306	192	$15,922	$76,013
Swanton	346	1,206	902	6,626	226	150	-460	298	$33,361	$92,203
VT Electric Coop	5,366	9,381	7,031	52,015	1,786	1,130	-3,170	3,678	$259,184	$1,023,914
VT Marble	103	51	39	325	10	6	-8	71	$2,082	$17,611
Washington Electric	2,560	2,308	1,736	13,575	448	266	-645	1,314	$69,370	$351,999
Totals	47,466	70,475	53,045	393,649	13,286	8,666	-24,587	30,218	$2,013,324	$8,973,995

3.1.19. 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	Participant Incentives Paid	Participant Costs
Addison	2,199	4,158	3,126	22,993	771	527	-1,527	2,116	$116,257	$618,959
Bennington	2,119	4,449	3,340	24,892	847	536	-1,532	1,562	$119,550	$432,549
Caledonia	1,962	3,101	2,327	17,154	584	380	-1,127	902	$84,428	$250,838
Chittenden	15,335	17,240	13,033	96,531	3,268	2,103	-5,854	7,753	$524,548	$2,707,384
Essex	353	230	173	1,368	46	25	-51	128	$6,827	$34,595
Franklin	3,931	7,098	5,325	39,129	1,342	870	-2,577	2,180	$200,852	$622,093
Grand Isle	554	612	462	3,548	117	73	-176	405	$18,649	$148,926
Lamoille	1,641	3,417	2,564	18,860	637	429	-1,290	1,214	$88,247	$380,397
Orange	1,952	2,290	1,723	13,182	431	281	-761	1,406	$67,880	$327,373
Orleans	2,104	4,028	3,016	22,105	768	485	-1,424	994	$109,679	$313,773
Rutland	3,937	5,823	4,393	33,140	1,096	725	-1,921	3,451	$168,078	$961,630
Washington	4,870	9,077	6,821	50,360	1,688	1,143	-3,430	3,252	$245,808	$1,012,392
Windham	3,027	4,442	3,339	24,834	844	536	-1,477	2,052	$128,027	$507,486
Windsor	3,482	4,509	3,403	25,554	846	554	-1,442	2,804	$134,493	$655,602
Totals	47,466	70,475	53,045	393,649	13,286	8,666	-24,587	30,218	$2,013,324	$8,973,995

3.1.20. Efficient Products - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$31,569,437
Fossil Fuel Savings (Costs)	($394,307)	($755,777)
Water Savings (Costs)	$226,972	$2,437,166
Total	($167,334)	$33,250,827

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	53,045	62,490	70,475
Winter on peak	21,330	25,177	28,572
Winter off peak	15,026	17,699	19,862
Summer on peak	9,597	11,293	12,838
Summer off peak	7,093	8,322	9,212
Coincident Demand Savings (kW)			
Winter	10,226	12,079	13,286
Shoulder	0	0	0
Summer	6,675	7,842	8,666

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	26,387	30,218	424,749
Annualized fuel savings (increase) MMBtu	(21,202)	(24,588)	(67,888)
LP	851	851	13,619
NG	426	426	6,810
Oil/Kerosene	(22,478)	(26,290)	(88,317)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$713,069	$845,240	$4,829,445

Net Societal Benefits	$22,748,188

3.1.21. Existing Homes - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	3,119	5,530	nap	10,709
# participants with analysis	1,971	2,399	nap	6,317
# participants with analysis and installations	1,882	2,520	nap	6,021

Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$572,966	$757,436	$1,142,500	$2,078,396
Marketing/Business Development	$486,928	$228,072	$644,900	$1,196,701
Subtotal Operating Costs	$1,059,894	$985,508	$1,787,400	$3,275,097
Incentive Costs				
Incentives to Participants	$1,017,340	$1,028,194	$1,770,200	$2,933,516
Incentives to Trade Allies	$18,498	$83,669	$163,500	$119,009
Subtotal Incentive Costs	$1,035,838	$1,111,863	$1,933,700	$3,052,525
Technical Assistance Costs				
Services to Participants	$558,343	$481,047	$568,500	$1,593,062
Services to Trade Allies	$125,876	$200,897	$183,200	$326,773
Subtotal Technical Assistance Costs	$684,219	$681,944	$751,700	$1,919,835
Total Efficiency Vermont Costs	$2,779,951	$2,779,315	$4,472,800	$8,247,457
Total Participant Costs	$1,937,013	$3,049,681	nav	$6,268,108
Total Third Party Costs	$137,016	$319,972	nav	$374,902
Total Services and Initiatives Costs	$4,853,980	$6,148,968	$4,472,800	$14,890,466

Annualized MWh Savings	4,202	5,782	nap	13,965
Lifetime MWh Savings	91,149	88,382	nap	265,531
TRB Savings (2006 $)	$3,247,466	$6,562,578	nap	$13,144,597
Winter Coincident Peak kW Savings	804	1,150	nap	2,740
Summer Coincident Peak kW Savings	266	467	nap	1,070
Annualized MWh Savings/Participant	1.347	1.046	nap	1.304
Weighted Lifetime	22	15	nap	19
Committed Incentives	nap	nap	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

3.1.22. Existing Homes - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	21	5	4	59	0	21	0	0	$3,148	$2,950
Cooking and Laundry	64	11	10	145	2	1	76	200	$3,657	$17,166
Hot Water Efficiency	1,606	483	457	3,848	54	36	819	6,460	$21,634	$13,557
Hot Water Fuel Switch	405	1,221	1,311	36,615	203	103	-4,310	0	$290,644	$449,463
Lighting	4,062	2,589	2,355	19,384	542	190	-362	0	$227,731	$111,149
Motors	57	284	280	4,280	33	31	290	0	$27,108	$37,532
Other Fuel Switch	24	26	25	778	4	3	-80	0	$3,789	$17,227
Other Indirect Activity	57	0	0	0	0	0	1	0	$2,685	$5,795
Refrigeration	901	583	534	9,910	68	71	0	0	$323,380	$116,599
Space Heat Efficiency	450	168	162	3,356	70	4	13,664	0	$65,372	$2,076,241
Space Heat Fuel Switch	125	294	274	8,813	155	0	-1,014	0	$39,996	$131,783
Ventilation	567	119	114	1,194	21	5	0	0	$19,050	$70,219
Totals		5,782	5,526	88,382	1,150	467	9,085	6,659	$1,028,194	$3,049,681

3.1.23. Existing Homes - 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	Participant Incentives Paid	Participant Costs
Barton	15	31	27	627	5	2	-49	13	$11,578	$1,098
Burlington	4	3	3	37	1	0	172	0	$184	$28,600
CVPS	2,640	2,217	2,107	28,289	379	197	4,663	2,469	$379,164	$840,175
Enosburg Falls	13	35	31	718	7	3	-52	31	$18,204	$0
Green Mountain	1,910	2,544	2,472	43,460	552	193	1,753	3,299	$363,405	$1,502,630
Hardwick	43	93	83	1,993	22	6	38	58	$18,346	$63,645
Hyde Park	14	17	15	242	3	1	86	13	$7,343	$12,329
Johnson	29	9	8	60	2	1	14	40	$1,127	$6
Ludlow	48	52	56	1,364	23	1	-121	7	$6,844	$28,573
Lyndonville	43	64	57	622	11	6	7	158	$15,158	$632
Morrisville	75	59	52	460	14	4	275	91	$7,012	$37,423
Northfield	61	42	39	490	10	3	257	67	$7,313	$43,369
Orleans	13	15	13	262	2	1	-15	0	$6,526	$1
Readsboro	5	4	4	39	1	0	6	18	$762	$6
Stowe	37	22	22	265	6	1	290	23	$3,251	$51,090
Swanton	53	73	69	1,432	17	4	-128	28	$25,171	$3,952
VT Electric Coop	403	349	326	5,420	66	31	337	324	$104,632	$153,390
VT Marble	1	1	1	15	0	0	74	0	$77	$8,997
Washington Electric	123	151	142	2,588	30	12	1,479	22	$52,098	$273,766
Totals	5,530	5,782	5,526	88,382	1,150	467	9,085	6,659	$1,028,194	$3,049,681

3.1.24. Existing Homes - 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	Participant Incentives Paid	Participant Costs
Addison	459	154	141	2,401	27	13	427	311	$43,324	$84,784
Bennington	280	626	608	8,393	99	58	1,276	186	$77,187	$196,973
Caledonia	162	222	199	3,323	44	17	-18	317	$46,741	$53,076
Chittenden	1,469	1,862	1,890	30,510	325	151	-295	2,572	$227,391	$836,388
Essex	33	40	36	491	6	4	-7	131	$12,183	$1,441
Franklin	352	391	366	6,781	77	29	1,440	462	$112,709	$152,776
Grand Isle	40	45	42	791	9	4	-33	49	$13,697	$13,976
Lamoille	208	167	155	1,879	37	14	842	235	$31,220	$159,288
Orange	165	157	143	1,914	30	12	480	348	$37,480	$94,294
Orleans	235	195	179	3,190	35	16	-158	69	$69,201	$18,635
Rutland	366	223	202	2,464	40	20	162	522	$47,591	$44,062
Washington	524	810	740	16,218	245	52	3,731	649	$176,405	$1,026,295
Windham	455	416	388	3,743	65	39	124	434	$66,101	$73,529
Windsor	782	472	437	6,285	111	39	1,115	376	$66,966	$294,164
Totals	5,530	5,782	5,526	88,382	1,150	467	9,085	6,659	$1,028,194	$3,049,681

3.1.25. Existing Homes - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$4,939,341
Fossil Fuel Savings (Costs)	$148,493	$1,228,087
Water Savings (Costs)	$49,814	$395,151
Total	$198,307	$6,562,578

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	5,526	5,132	5,782
Winter on peak	2,051	1,898	2,154
Winter off peak	1,969	1,833	2,056
Summer on peak	739	685	779
Summer off peak	767	716	793
Coincident Demand Savings (kW)			
Winter	1,116	1,045	1,150
Shoulder	0	0	0
Summer	452	422	467

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	7,221	6,659	60,934
Annualized fuel savings (increase) MMBtu	9,402	9,085	129,028
LP	807	681	(3,120)
NG	(961)	(97)	(14,981)
Oil/Kerosene	8,979	7,978	136,805
Wood	579	524	10,323
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$25,083	$25,986	($76,625)

Net Societal Benefits	$3,269,129

4.1. CUSTOMER CREDIT PROGRAM

4.1.1. NARRATIVE

The Customer Credit program (CCP) provides an alternative program path for large businesses that meet program eligibility criteria. The program enables customers with the capability and resources to identify, analyze, and undertake efficiency projects and self-implement energy efficiency measures with financial assistance from Efficiency Vermont (EVT). CCP customers can apply for financial incentives for any retrofit or market-driven project that saves electrical energy and passes the Vermont societal cost-effectiveness test. Once a customer elects to participate in CCP, that customer is no longer eligible to participate in other EVT programs.

All projects must be customer initiated. In addition, the customer or its contractors must complete all technical analysis. Customers can receive cash incentives capped at 90% of their projected three-year contribution to the statewide energy efficiency fund at any time. Customers can draw on contributions from the current year and either the previous or ensuing year. Market-driven projects are eligible for incentives equal to 100% of the incremental measure cost. For retrofit projects, customers can receive incentives that reduce the customer payback time to 12 months.

Eligible Market

To be eligible for CCP, customers must:

- Never have accepted cash incentives from any Vermont utility Demand Side Management (DSM) program;
- Have ISO 14001 certification.

4.1.2. Customer Credit - Summary

	Prior Year	Current Year 2008	* Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	1	1	nap	1
# participants with analysis	0	0	nap	0
# participants with analysis and installations	0	0	nap	0
Services and Initiatives Costs				
Operating Costs				
Services and Initiatives	$5,184	$3,237	$9,500	$15,277
Marketing/Business Development	$0	$0	$0	$0
Subtotal Operating Costs	$5,184	$3,237	$9,500	$15,277
Incentive Costs				
Incentives to Participants	$1,536,042	$1,159,490	$1,423,300	$3,517,812
Incentives to Trade Allies	$0	$0	$0	$0
Subtotal Incentive Costs	$1,536,042	$1,159,490	$1,423,300	$3,517,812
Technical Assistance Costs				
Services to Participants	$4,664	$6,833	$10,800	$16,876
Services to Trade Allies	$0	$0	$0	$0
Subtotal Technical Assistance Costs	$4,664	$6,833	$10,800	$16,876
Total Efficiency Vermont Costs	$1,545,890	$1,169,560	$1,443,600	$3,549,965
Total Participant Costs	$678,167	$243,366	nap	$1,286,107
Total Third Party Costs	$0	$0	nap	$0
Total Services and Initiatives Costs	$2,224,057	$1,412,926	$1,443,600	$4,836,072
Annualized MWh Savings	8,981	3,863	nap	15,967
Lifetime MWh Savings	42,351	53,168	nap	213,979
TRB Savings (2006 $)	$1,161,850	$4,010,025	nap	$18,749,616
Winter Coincident Peak kW Savings	1,059	410	nap	1,847
Summer Coincident Peak kW Savings	1,276	839	nap	2,863
Annualized MWh Savings/Participant	8,981	3,863	nap	15,967
Weighted Lifetime	13	14	nap	13
Committed Incentives	nap	nap	nap	nap

* Annual projections are estimates only and provided for informational purposes.
The Efficiency Vermont contract is based on three-year cumulative budgets and savings goals.

Note: The above budgets include the Customer Credit Net Pay Option Incentive Funds.

4.1.3. 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	1	412	363	5,221	76	133	0	0	$161,100	$29,988
Design Assistance	1	0	0	0	0	0	0	0	$11,040	$0
Lighting	1	2,780	2,467	41,239	291	400	-2,788	0	$593,600	$163,595
Motors	1	671	594	6,707	42	306	0	0	$393,750	$49,783
Totals		3,863	3,425	53,168	410	839	-2,788	0	$1,159,490	$243,366

4.1.4. Customer Credit - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$4,342,672
Fossil Fuel Savings (Costs)	($39,359)	($332,646)
Water Savings (Costs)	$0	$0
Total	($39,359)	$4,010,025

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	3,425	3,425	3,863
Winter on peak	1,157	1,157	1,313
Winter off peak	855	855	959
Summer on peak	886	886	1,008
Summer off peak	526	526	583
Coincident Demand Savings (kW)			
Winter	372	372	410
Shoulder	0	0	0
Summer	759	759	839

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	0	0	0
Annualized fuel savings (increase) MMBtu	(2,787)	(2,788)	(41,353)
LP	0	0	0
NG	0	0	0
Oil/Kerosene	(2,788)	(2,788)	(41,353)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$26,382	$26,382	$395,725

4.2.1 GeoTargeting All Four Regions Combined - Summary

	Prior Year *	Current Year 2008	Cumulative starting 7/1/07
# participants with installations	4,467	18,971	21,769
# participants with analysis	259	5,837	5,837
# participants with analysis and installations	341	1,884	1,884
Services and Initiatives Costs			
Operating Costs			
Services and Initiatives	$973,379	$2,580,143	$3,553,522
Marketing/Business Development	$791,610	$2,155,032	$2,946,641
Subtotal Operating Costs	$1,764,989	$4,735,175	$6,500,163
Incentive Costs			
Incentives to Participants	$1,019,499	$8,311,917	$9,331,417
Incentives to Trade Allies	$5,948	$61,526	$67,474
Subtotal Incentive Costs	$1,025,447	$8,373,443	$9,398,891
Technical Assistance Costs			
Services to Participants	$898,418	$4,210,820	$5,109,238
Services to Trade Allies	$41,433	$144,537	$185,970
Subtotal Technical Assistance Costs	$939,851	$4,355,358	$5,295,209
Total Efficiency Vermont Costs	$3,730,287	$17,463,975	$21,194,262
Total Participant Costs	$3,168,023	$7,082,373	$10,250,396
Total Third Party Costs	$81,822	$151,671	$233,493
Total Services and Initiatives Costs	$6,980,132	$24,698,019	$31,678,151
Annualized MWh Savings	12,550	54,448	66,998
Lifetime MWh Savings	155,857	600,423	756,280
TRB Savings (2006 $)	$9,706,633	$46,635,269	$56,341,901
Winter Coincident Peak kW Savings	1,952	8,210	10,163
Summer Coincident Peak kW Savings	1,624	8,455	10,079
Annualized MWh Savings/Participant	2.810	2.870	3
Weighted Lifetime	12	11	11
Committed Incentives	343,427	$343,427	$343,427

*** Data Reported Starting 7/1/07**

4.2.2 GeoTargeting All Four Regions Combined - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$46,800,537
Fossil Fuel Savings (Costs)	($210,461)	($933,282)
Water Savings (Costs)	$80,331	$768,013
Total	($130,129)	$46,635,269

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	46,748	48,240	54,448
Winter on peak	19,456	20,111	22,826
Winter off peak	12,042	12,291	13,791
Summer on peak	9,685	10,059	11,436
Summer off peak	5,566	5,778	6,397
Coincident Demand Savings (kW)			
Winter	7,148	7,464	8,210
Shoulder	0	0	0
Summer	7,396	7,652	8,455

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	10,262	10,714	128,474
Annualized fuel savings (increase) MMBtu	(12,198)	(15,286)	(106,495)
LP	1,529	1,425	26,910
NG	2,553	2,659	58,383
Oil/Kerosene	(16,551)	(19,526)	(194,305)
Wood	203	80	2,642
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$512,974	$480,676	$3,701,804

4.2.3 GeoTargeting Chittenden North - Summary

	Prior Year *	Current Year 2008	Cumulative starting 7/1/07
# participants with installations	1,768	11,474	12,343
# participants with analysis	91	1,929	1,929
# participants with analysis and installations	137	654	654
Services and Initiatives Costs			
Operating Costs			
Services and Initiatives	$650,179	$1,194,640	$1,844,819
Marketing/Business Development	$515,053	$858,099	$1,373,152
Subtotal Operating Costs	$1,165,232	$2,052,739	$3,217,971
Incentive Costs			
Incentives to Participants	$572,780	$2,547,412	$3,120,192
Incentives to Trade Allies	$4,842	$32,284	$37,126
Subtotal Incentive Costs	$577,622	$2,579,696	$3,157,318
Technical Assistance Costs			
Services to Participants	$626,781	$1,610,085	$2,236,866
Services to Trade Allies	$32,192	$71,654	$103,846
Subtotal Technical Assistance Costs	$658,973	$1,681,740	$2,340,713
Total Efficiency Vermont Costs	$2,401,828	$6,314,175	$8,716,002
Total Participant Costs	$1,628,724	$2,765,637	$4,394,361
Total Third Party Costs	$67,000	$42,123	$109,122
Total Services and Initiatives Costs	$4,097,552	$9,121,935	$13,219,485
Annualized MWh Savings	7,014	18,553	25,567
Lifetime MWh Savings	97,889	194,739	292,628
TRB Savings (2006 $)	$5,321,587	$15,405,803	20,727,390
Winter Coincident Peak kW Savings	974	2,915	3,889
Summer Coincident Peak kW Savings	829	2,853	3,681
Annualized MWh Savings/Participant	3.967	1.617	2.071
Weighted Lifetime	14	10	11
Committed Incentives	$92,210	$92,210	$92,210

*** Data Reported Starting 7/1/07**

4.2.4. GeoTargeting Chittenden North - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	318	517	480	9,075	58	132	719	0	$52,315	$497,542
Cooking and Laundry	430	80	62	1,110	11	8	235	2,363	$16,905	$247,217
Design Assistance	4	197	145	2,936	26	49	416	0	$51,302	$85,000
Hot Water Efficiency	390	181	177	1,623	19	10	317	2,635	$186	$4,901
Hot Water Fuel Switch	68	200	256	5,998	30	15	-767	0	$52,638	$60,753
Industrial Process Eff.	3	411	340	5,880	51	51	0	0	$74,454	$104,224
Lighting	11,002	15,502	12,698	147,884	2,504	2,440	-10,024	0	$2,138,490	$1,075,864
Motors	109	485	466	7,218	73	65	534	0	$28,269	$76,201
Other Efficiency	1	147	131	1,467	34	34	0	549	$22,820	$28,680
Other Fuel Switch	138	38	46	1,148	11	9	-128	0	$7,976	$27,393
Other Indirect Activity	5	22	20	109	2	2	0	0	$4,347	-$515
Refrigeration	502	646	546	8,078	67	27	0	0	$82,482	$342,834
Space Heat Efficiency	159	53	50	1,035	17	2	2,446	0	$6,754	$135,113
Space Heat Fuel Switch	2	5	5	159	3	0	-20	0	$3,019	$500
Ventilation	141	72	61	1,020	8	8	1,102	0	$5,455	$79,930
Totals		18,553	15,483	194,739	2,915	2,853	-5,170	5,546	$2,547,412	$2,765,637

4.2.5 GeoTargeting Chittenden North - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$15,409,239
Fossil Fuel Savings (Costs)	($81,981)	($383,356)
Water Savings (Costs)	$41,555	$379,920
Total	($40,426)	$15,405,803

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	15,483	16,436	18,553
Winter on peak	6,505	6,908	7,840
Winter off peak	3,805	4,042	4,536
Summer on peak	3,314	3,504	3,984
Summer off peak	1,859	1,982	2,194
Coincident Demand Savings (kW)			
Winter	2,465	2,650	2,915
Shoulder	0	0	0
Summer	2,448	2,582	2,853

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	5,545	5,546	62,369
Annualized fuel savings (increase) MMBtu	(5,010)	(5,170)	(26,811)
LP	252	246	5,887
NG	2,543	2,792	49,618
Oil/Kerosene	(7,831)	(8,238)	(82,315)
Wood	0	0	0
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$160,667	$174,290	$1,372,965

4.2.6 GeoTargeting Saint Albans - Summary

	Prior Year *	Current Year 2008	Cumulative starting 7/1/07
# participants with installations	1,323	3,767	4,673
# participants with analysis	80	1,470	1,470
# participants with analysis and installations	100	482	482
Services and Initiatives Costs			
Operating Costs			
Services and Initiatives	$180,595	$616,571	$797,166
Marketing/Business Development	$148,451	$583,208	$731,659
Subtotal Operating Costs	$329,046	$1,199,779	$1,528,825
Incentive Costs			
Incentives to Participants	$229,387	$2,267,893	$2,497,280
Incentives to Trade Allies	$542	$10,156	$10,698
Subtotal Incentive Costs	$229,929	$2,278,049	$2,507,978
Technical Assistance Costs			
Services to Participants	$152,920	$1,170,648	$1,323,568
Services to Trade Allies	$5,862	$28,695	$34,557
Subtotal Technical Assistance Costs	$158,782	$1,199,343	$1,358,125
Total Efficiency Vermont Costs	$717,757	$4,677,170	$5,394,927
Total Participant Costs	$800,736	$1,778,385	$2,579,121
Total Third Party Costs	$10,196	$68,574	$78,770
Total Services and Initiatives Costs	$1,528,689	$6,524,129	$8,052,818
Annualized MWh Savings	3,146	15,964	19,110
Lifetime MWh Savings	32,919	170,626	203,545
TRB Savings (2006 $)	$2,521,344	$13,313,912	15,835,256
Winter Coincident Peak kW Savings	563	2,296	2,859
Summer Coincident Peak kW Savings	483	2,584	3,068
Annualized MWh Savings/Participant	2.378	4.238	4.090
Weighted Lifetime	10	11	11
Committed Incentives	$61,081	$61,081	$61,081

*** Data Reported Starting 7/1/07**

4.2.7. GeoTargeting Saint Albans - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	159	500	478	6,064	12	171	0	0	$50,791	$262,594
Cooking and Laundry	269	70	54	977	10	7	149	2,049	$14,307	$212,413
Design Assistance	1	14	10	70	0	0	0	0	$2,049	$2,966
Hot Water Efficiency	147	13	12	102	1	1	182	606	$1,119	$4,216
Hot Water Fuel Switch	23	105	116	3,139	13	9	-377	0	$25,928	$18,722
Industrial Process Eff.	5	1,734	1,690	8,929	211	213	0	0	$95,647	$62,438
Lighting	3,316	12,043	10,018	130,531	1,854	2,003	-8,632	0	$1,909,425	$570,769
Motors	13	743	717	8,224	90	78	2,030	0	$79,979	$181,121
Other Fuel Switch	3	341	343	6,965	58	58	-1,142	0	$9,252	$22,579
Other Indirect Activity	3	6	5	18	2	1	0	0	$1,232	$560
Refrigeration	388	283	278	3,910	25	24	0	0	$66,608	$288,696
Space Heat Efficiency	88	20	19	402	3	11	2,168	0	$1,814	$134,845
Space Heat Fuel Switch	2	19	20	565	8	0	-71	0	$1,010	$1,684
Ventilation	73	73	68	731	9	8	57	0	$8,733	$14,782
Totals		15,964	13,829	170,626	2,296	2,584	-5,636	2,655	$2,267,893	$1,778,385

4.2.8 GeoTargeting Saint Albans - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$13,583,371
Fossil Fuel Savings (Costs)	($78,452)	($470,123)
Water Savings (Costs)	$19,923	$200,663
Total	($58,529)	$13,313,911

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	13,829	14,144	15,964
Winter on peak	5,631	5,803	6,586
Winter off peak	3,400	3,456	3,877
Summer on peak	3,035	3,101	3,525
Summer off peak	1,763	1,785	1,976
Coincident Demand Savings (kW)			
Winter	2,007	2,087	2,296
Shoulder	0	0	0
Summer	2,301	2,339	2,584

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	2,451	2,655	34,253
Annualized fuel savings (increase) MMBtu	(5,326)	(5,636)	(49,320)
LP	106	107	2,186
NG	(65)	(210)	7,084
Oil/Kerosene	(5,602)	(5,754)	(62,409)
Wood	221	201	3,945
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$160,667	$111,111	$897,357

4.2.9 GeoTargeting Southern Loop - Summary

	Prior Year *	Current Year 2008	Cumulative starting 7/1/07
# participants with installations	1,107	2,979	3,787
# participants with analysis	66	1,835	1,835
# participants with analysis and installations	61	511	511
Services and Initiatives Costs			
Operating Costs			
Services and Initiatives	$118,504	$588,661	$707,165
Marketing/Business Development	$99,227	$534,571	$633,798
Subtotal Operating Costs	$217,731	$1,123,232	$1,340,963
Incentive Costs			
Incentives to Participants	$180,084	$2,352,817	$2,532,901
Incentives to Trade Allies	$375	$15,928	$16,303
Subtotal Incentive Costs	$180,459	$2,368,745	$2,549,204
Technical Assistance Costs			
Services to Participants	$99,057	$1,050,840	$1,149,897
Services to Trade Allies	$2,234	$39,087	$41,321
Subtotal Technical Assistance Costs	$101,291	$1,089,927	$1,191,218
Total Efficiency Vermont Costs	$499,482	$4,581,904	$5,081,385
Total Participant Costs	$654,050	$2,175,747	$2,829,797
Total Third Party Costs	$4,179	$37,167	$41,346
Total Services and Initiatives Costs	$1,157,711	$6,794,819	$7,952,529
Annualized MWh Savings	1,971	14,846	16,817
Lifetime MWh Savings	20,815	172,529	193,343
TRB Savings (2006 $)	$1,607,856	$13,097,667	14,705,522
Winter Coincident Peak kW Savings	372	2,257	2,629
Summer Coincident Peak kW Savings	268	2,087	2,355
Annualized MWh Savings/Participant	1.781	4.983	4.441
Weighted Lifetime	11	12	11
Committed Incentives	160,586	$160,586	$160,586

*** Data Reported Starting 7/1/07**

4.2.10. GeoTargeting Southern Loop - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	148	159	156	3,088	27	65	207	0	$49,536	$124,560
Cooking and Laundry	211	53	41	736	7	6	107	1,522	$10,780	$163,427
Design Assistance	2	0	0	0	0	0	0	0	$1,355	$0
Hot Water Efficiency	89	38	36	277	8	3	60	322	$2,271	$607
Hot Water Fuel Switch	5	18	20	553	5	2	-66	0	$4,433	$5,139
Industrial Process Eff.	6	1,391	1,578	22,796	229	27	4,459	0	$96,128	$476,826
Lighting	2,594	11,131	9,256	114,050	1,695	1,843	-7,995	0	$1,758,260	$533,752
Motors	65	685	664	9,169	100	55	725	0	$111,547	$385,476
Other Efficiency	2	45	36	844	2	2	0	0	$5,566	$11,082
Other Fuel Switch	1	3	3	66	0	0	-11	0	$151	$1,000
Other Indirect Activity	10	51	46	233	6	8	1	0	$7,085	$16,087
Refrigeration	254	806	730	10,685	94	62	0	0	$165,104	$250,670
Space Heat Efficiency	27	208	205	3,890	37	11	1,267	0	$90,909	$201,116
Space Heat Fuel Switch	3	177	188	5,316	32	0	-711	0	$46,369	$3,077
Ventilation	76	83	81	826	17	1	84	0	$3,323	$2,928
Totals		14,846	13,040	172,529	2,257	2,087	-1,873	1,844	$2,352,817	$2,175,747

4.2.11 GeoTargeting Southern Loop - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$12,780,470
Fossil Fuel Savings (Costs)	($14,434)	$175,657
Water Savings (Costs)	$13,839	$141,539
Total	($595)	$13,097,667

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	13,040	13,156	14,846
Winter on peak	5,458	5,500	6,242
Winter off peak	3,831	3,759	4,217
Summer on peak	2,333	2,428	2,761
Summer off peak	1,418	1,469	1,627
Coincident Demand Savings (kW)			
Winter	2,019	2,052	2,257
Shoulder	0	0	0
Summer	1,822	1,889	2,087

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	1,679	1,844	24,286
Annualized fuel savings (increase) MMBtu	659	(1,873)	2,394
LP	1,193	1,030	18,636
NG	70	72	1,613
Oil/Kerosene	(655)	(3,023)	(18,380)
Wood	29	26	526
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$146,430	$148,789	$1,029,600

4.2.12 GeoTargeting Newport/Derby - Summary

	Prior Year *	Current Year 2008	Cumulative starting 7/1/07
# participants with installations	269	751	966
# participants with analysis	22	603	603
# participants with analysis and installations	43	237	237
Services and Initiatives Costs			
Operating Costs			
Services and Initiatives	$24,101	$180,272	$204,373
Marketing/Business Development	$28,878	$179,154	$208,032
Subtotal Operating Costs	$52,979	$359,426	$412,405
Incentive Costs			
Incentives to Participants	$37,249	$1,143,795	$1,181,044
Incentives to Trade Allies	$189	$3,158	$3,347
Subtotal Incentive Costs	$37,438	$1,146,952	$1,184,390
Technical Assistance Costs			
Services to Participants	$19,660	$379,248	$398,908
Services to Trade Allies	$1,145	$5,101	$6,246
Subtotal Technical Assistance Costs	$20,805	$384,348	$405,153
Total Efficiency Vermont Costs	$111,222	$1,890,726	$2,001,948
Total Participant Costs	$84,513	$362,603	$447,117
Total Third Party Costs	$448	$3,807	$4,254
Total Services and Initiatives Costs	$196,183	$2,257,136	$2,453,319
Annualized MWh Savings	nap	5,085	5,504
Lifetime MWh Savings	nap	62,529	66,764
TRB Savings (2006 $)	nap	4,817,887	5,073,733
Winter Coincident Peak kW Savings	nap	742	785
Summer Coincident Peak kW Savings	nap	931	976
Annualized MWh Savings/Participant	nap	6.771	5.698
Weighted Lifetime	nap	12	12
Committed Incentives	nap	$29,550	$29,550

*** Data Reported Starting 7/1/07**

4.2.13. GeoTargeting Newport/Derby - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	50	35	26	512	1	30	0	0	$15,264	$3,388
Cooking and Laundry	43	11	8	148	1	1	22	305	$2,166	$32,932
Design Assistance	2	0	0	0	0	0	0	0	$6,372	$0
Hot Water Efficiency	36	2	2	14	0	0	116	364	$159	$260
Hot Water Fuel Switch	5	18	19	533	3	1	-58	0	$6,152	$4,006
Industrial Process Eff.	1	144	142	1,273	29	41	0	0	$4,371	$0
Lighting	632	4,341	3,686	52,787	638	790	-3,461	0	$984,316	$185,310
Motors	4	164	159	2,007	21	20	336	0	$13,386	$58,734
Other Fuel Switch	1	1	1	30	0	0	-3	0	$101	$480
Other Indirect Activity	1	14	13	72	2	2	0	0	$1,511	$4,351
Refrigeration	95	233	222	3,234	33	17	0	0	$84,519	$58,541
Space Heat Efficiency	1	0	0	0	0	0	207	0	$0	$4,000
Space Heat Fuel Switch	1	30	34	910	12	0	-99	0	$8,495	$0
Ventilation	3	92	84	1,011	3	30	333	0	$16,981	$10,600
Totals		5,085	4,396	62,529	742	931	-2,606	669	$1,143,795	$362,603

4.2.14 GeoTargeting Newport/Derby - Total Resource Benefits

	2008	Lifetime (Present Value)
Avoided Cost of Electricity	nap	$5,027,457
Fossil Fuel Savings (Costs)	($35,593)	($255,461)
Water Savings (Costs)	$5,015	$45,891
Total	($30,578)	$4,817,887

	Savings at meter		Savings at Generation
	Gross	Net	Net
Annualized Energy Savings (MWh): Total	4,396	4,504	5,085
Winter on peak	1,862	1,901	2,158
Winter off peak	1,006	1,035	1,161
Summer on peak	1,003	1,026	1,166
Summer off peak	525	542	600
Coincident Demand Savings (kW)			
Winter	656	675	742
Shoulder	0	0	0
Summer	825	843	931

	Gross	Net	Net Lifetime Savings
Annualized Water Savings (ccf)	586	669	7,567
Annualized fuel savings (increase) MMBtu	(2,521)	(2,606)	(32,759)
LP	(21)	42	201
NG	4	4	69
Oil/Kerosene	(2,463)	(2,511)	(31,200)
Wood	(48)	(147)	(1,829)
Solar	0	0	0
Other	0	0	0
Annualized savings (increase) in O&M($)	$45,211	$46,486	$401,882

4.3 DEFINITIONS AND END NOTES

4.3.1 SAVINGS CLAIM SUMMARY TABLES OVERVIEW

1 – Section **4.3.2.** includes a list of definitions for items in the Savings Claim Summary tables. Section **4.3.3.** includes notes for specific items in the tables. Section **4.3.4.** provides a guide to the re-mapping of multifamily projects and savings into new markets

2 - Data items for which data are not available are labeled "nav". Data items for which data are not applicable are labeled "nap".

3 - Except where noted, EVT expenditures data in this report were incurred during the period January 1, 2008 through December 31, 2008. Similarly, measure savings are for measures installed during the period January 1, 2008 through December 31, 2008.

4 - EVT costs include an operating fee of .75%, as specified in the EVT contract.

5 - Data for "Incentives to Participants" in Tables 2.1.2., 2.1.3., 2.1.8., 2.1.12., 3.1.1., 3.1.6., 3.1.11., 3.1.16., 3.1.21., 4.1.2. are based on financial data from Vermont Energy Investment Corporation's (VEIC) accounting system, MAS90. "Participant Incentives Paid" and "EVT Incentives" on all other tables are based on data entered in EVT's KITT Plus (Knowledge-based Information Technology Tool) tracking system and include the operating fee cited above.

6 - "Annualized MWh Savings (adjusted for measure life)", "Winter Coincident Peak kW Savings (adjusted for measure life)" and "Summer Coincident Peak kW Savings (adjusted for measure life)" on Tables 2.1.2. and 2.1.3. are provided for informational purposes only. This data exclude savings for measures that have reached the end of their specified lifetime.

7 - Program Planning costs have been rolled into "Services and Initiatives" for Years 2003-2006. For Years 2000-2002, Program Planning costs were reported as a separate line item. In Tables 2.1.2. and 2.1.3, Program Planning costs under "Cumulative starting 3/1/00" refer to data reported prior to 2003.

8 – For Years 2000-2002 and Years 2006-2008, multifamily costs and savings are reported in the Residential Energy Services Sector. For 2003-2005, multifamily costs and savings are reported in the Business Energy Services Sector. See Section 4.3.4 Multifamily Reporting Changes.

4.3.2. DEFINITIONS AND REPORT TEMPLATE

The table templates that appear in the 2008 EVT Savings Claim Summary were developed as a collaborative effort between EVT, the Vermont Department of Public Service, the Energy Efficiency Utility Contract Administrator and Burlington Electric Department. Note that there are two major table formats, one for the markets and services summary and the other for breakdowns of end use, county and utility savings.

The definitions of the data reported in these tables follow. The numbers in parentheses on the template correlate to the footnoted definitions that immediately follow.

		Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06	Cumulative starting 3/1/00
		(1)	(2)	(3)	(4)	(5)
# participants with installations	(6)					
# participants with analysis	(7)					
# participants with analysis and installations	(8)					
Services and Initiatives Costs						
Operating Costs						
Administration	(9)					
Services and Initiatives	(10)					
Program Planning	(11)					
Marketing/Business Development	(12)					
Information Systems	(13)					
Subtotal Operating Costs	(14)					
Incentive Costs						
Incentives to Participants	(15)					
Incentives to Trade Allies	(16)					
Subtotal Incentive Costs	(17)					
Technical Assistance Costs						
Services to Participants	(18)					
Services to Trade Allies	(19)					
Subtotal Technical Assistance Costs	(20)					
Total Efficiency Vermont Costs	(21)					
Total Participant Costs	(22)					
Total Third Party Costs	(23)					
Total Services and Initiatives Costs	(24)					
Annualized MWh Savings	(25)					
Lifetime MWh Savings	(26)					
TRB Savings (2006$)	(27)					
Winter Coincident Peak kW Savings	(28)					
Summer Coincident Peak kW Savings	(29)					
Annualized MWh Savings/Participant	(30)					
Weighted Lifetime	(31)					
Committed Incentives	(32)					
Annualized MWh Savings (adjusted for measure life)	(33)					
Winter Coincident Peak kW Savings (adjusted for measure life)	(34)					
Summer Coincident Peak kW Savings (adjusted for measure life)	(35)					

X.X.X. Breakdown Report

End Use or Utility or 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	Participant Incentives Paid	Participant Costs
	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)

Footnotes for the report table templates:

(1) Activity for the prior reporting year.

(2) Activity for the current reporting year. For savings, the figure reported is estimated savings for measures actually implemented for the current report period. Savings are reported in MWh, at generation and net of all approved adjustment factors, except as otherwise noted.

(3) Projected costs for Year 2008 are estimates only and provided for informational purposes. The EVT contract is based on three-year cumulative budgets and savings goals.

(4) Data reported for the contract period starting January 1, 2008 through December 31, 2008.

(5) Data reported for the contract period starting March 1, 2000 through December 31, 2008.

(6) Number of customers with installed measures. "# participants with installations" is counted by summing unique physical locations (sites) where efficiency measures have been installed for the reporting period. For multifamily projects the "# of participants with installations" is counted by summing the number of individual units. Under "Cumulative starting 1/1/06" and Cumulative starting 3/1/00, customers are counted once, regardless of the number of times the customer participates in EVT services during 2000-2008. Whenever Efficiency Vermont works in collaboration with other providers of efficiency services, the same participants may be counted and reported by more than one organization. As a result, total statewide participation may be less than the sum of all the organizations reported participants.

(7) Number of customers with custom analysis during the current report period. This reflects the number of customers who initiated a new custom project during the reporting period and where measures may not have been installed. Whenever Efficiency Vermont works in collaboration with other providers of efficiency services, the same participants may be counted and reported by more than one organization. As a result, total statewide participation may be less than the sum of all the organizations reported participants.

(8) Number of customers who had analysis at any time and have installed measures during the reporting period. This reflects the number of customers who completed a custom project during the reporting period. Under Cumulative starting 1/1/06 and Cumulative starting 3/1/00, customers are counted once, regardless of the number of times the customer participates in EVT services during 2000-2008. Whenever Efficiency Vermont works in collaboration with other providers of efficiency services, the same participants may be counted and reported by more than one organization. As a result, total statewide participation may be less than the sum of all the organizations reported participants.

(9) Costs include general management, budgeting, financial management and EVT contract management. These costs are not broken out by market. This cost category is included on Tables 2.1.2. and 2.1.3 only.

(10) Management and other management related costs directly associated with market implementation work.

(11) Costs related to program design, planning, program screening and other similar functions. Program Planning costs refer to data reported prior to 2003.

(12) Costs related to marketing, outreach, customer service and business development.

(13) Costs related to Information Systems development and maintenance. These costs are not broken out by market. This cost category is included on Tables 2.1.2. and 2.1.3 only.

(14) Subtotal of all operating costs detailed in the categories above (9) + (10) + (11) + (12) + (13).

(15) Direct payments to participants to defray the costs of specific efficiency measures.

(16) Incentives paid to manufacturers, wholesalers, builders, retailers or other non-customer stakeholders that do not defray the costs of specific efficiency measures.

(17) Subtotal reflecting total incentive costs, (15) + (16).

(18) Costs related to conducting analyses, preparing the package of efficiency measures, contract management and post-project follow-up.

(19) Costs related to educational or other support services provided to entities other than individual participants, such as trade allies, manufacturers, wholesalers, builders, and architects.

(20) Subtotal reflecting total technical assistance costs, (18) + (19).

(21) Total costs incurred by Efficiency Vermont. All costs are in nominal dollars, (14) + (17) + (20).

(22) Total costs incurred by participants and related to EVT or utility activities. This category includes the participant contribution to the capital costs of installed measures and to specific demand-side-management (DSM) -related services, such as technical assistance or energy ratings.

(23) Total costs incurred by third parties (i.e., entities other than EVT, utilities and participants) and directly related to EVT or utility DSM activities. This category includes contributions by third parties to the capital costs of installed measures and to specific DSM-related services, such as technical assistance or energy ratings.

(24) Total cost of services and initiatives, (21) + (22) + (23).

(25) Annualized MWh savings at generation, net of all approved adjustment factors (e.g., free riders, spill over, line loss) for measures installed during the current reporting period.

(26) Lifetime estimated MWh savings for measures installed during the current reporting year, at generation and net of all approved adjustment factors. (Typically, this value is calculated by taking estimated annualized savings times the life of the measure).

(27) Total Resource Benefits (TRB) savings for measures installed during the current reporting year. TRB includes gross electric benefits, fossil fuel savings and water savings. TRB is stated in 2006 dollars throughout the report. Whenever Efficiency Vermont works in collaboration with other providers of efficiency services, the same savings may be counted and reported by more than one organization. As a result, the total statewide savings may be less than the sum of all the organizations reporting savings.

(28) Estimated impact of measures at time of winter system peak, at generation, net of adjustment factors.

(29) Estimated impact of measures at time of summer system peak, at generation, net of adjustment factors.

(30) Annualized MWh savings per participant, net at generation, (25) / (6).

(31) Average lifetime, in years, of measures weighted by savings, (26)/(25).

(32) Incentives which are not yet paid to a customer but where there is a signed contract as of December 31, 2008 for projects which will complete after December 31, 2008.

(33) Adjusted Annualized MWh savings at generation and net of all approved adjustment factors (e.g., free riders, spill over, line loss) for measures installed during the current report period. This data includes savings for measures that have not yet expired during the reporting period and excludes savings for measures that have reached the end of their specified lifetime.

(34) Adjusted impact of measures at time of winter system peak, at generation, net of adjustment factors. This data includes savings for measures that have not yet expired during the reporting period and excludes savings for measures that have reached the end of their specified lifetime.

(35) Adjusted impact of measures at time of summer system peak, at generation, net of adjustment factors. This data includes savings for measures that have not yet expired during the reporting period and excludes savings for measures that have reached the end of their specified lifetime.

Items 36-45 reflect installed measures for the current reporting period.

(36) Number of participants with installed measures for the End Use, Utility and County Breakdown. Whenever Efficiency Vermont works in collaboration with other providers of efficiency services, the same participants may be counted and reported by more than one organization. As a result, total statewide participation may be less than the sum of all the organizations reported participants.

(37) Annualized MWh savings at generation, net of all approved adjustment factors (e.g., free riders, spill over, line loss) for measures installed during the current reporting period. This is the same number as reported on line (25).

(38) Annualized MWh savings, gross at the customer meter.

(39) Lifetime estimated MWh savings for measures installed during the current reporting period, at generation and net of all approved adjustment factors. This is the same number as reported on line (26).

(40) Estimated impact of measures at time of winter system peak, at generation, net of adjustment factors. This is the same number as reported on line (28).

(41) Estimated impact of measures at time of summer system peak, at generation, net of adjustment factors. This is the same number as reported on line (29).

(42) MMBtu estimated to be saved (positive) or used (negative) for alternative fuels as a result of measures installed in the end use.

(43) Water saved (positive) or used (negative) due to measures installed in the end use.

(44) Incentive paid by EVT to participants for measures installed during the current reporting period. This is the same number as reported on line (15). See note 5 in Section 4.2.1. for the different data sources for lines (15) and (44).

(45) Costs incurred by participants and related to EVT or utility activities. This is the same number as reported on line (22).

4.3.3. TABLE END NOTE

2.1.7. Efficiency Vermont Services & Initiatives – Total Resource Benefits
[a] Net lifetime water savings is the net annual measure water savings times the measure lifetime. Net lifetime fossil fuel savings is the net annual measure fossil fuel savings times the measure lifetime.

4.3.4. MULTIFAMILY REPORTING CHANGES

Throughout the report, all multifamily projects are reported in the Business Energy Services sector in years 2003-2005 and in the Residential Energy Services for years 2006 -2008.

Following is a diagram of the 2003-2005 Market Services and Initiatives and the 2006-2008 Market Services and Initiatives and the "re-mapping" of multifamily projects and savings under the new markets.

5.1.1. C&I Non-Farm New Construction - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	119	172	nap	357
# participants with analysis	155	205	nap	512
# participants with analysis and installations	119	172	nap	357
Costs				
EVT Incentives	$842,581	$852,592	nap	$2,228,825
Participant Costs	$2,694,647	$2,185,470	nap	$6,151,085
Third Party Costs	$17,975	$10,150	nap	$43,875
Annualized MWh Savings	8,571	9,267	nap	21,836
Lifetime MWh Savings	125,899	135,960	nap	319,916
TRB Savings (2006$)	$9,449,256	$13,731,207	nap	$27,357,535
Winter Coincident Peak KW Savings	1,078	1,165	nap	2,833
Summer Coincident Peak KW Savings	1,562	1,897	nap	4,412
Annualized MWh Savings/Participant	72.027	53.879	nap	61.165
Weighted Lifetime	15	15	nap	15
Committed Incentives	$162,891	$176,101	nap	nap

5.1.2. C&I Non-Farm 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	46	1,084	789	17,220	51	260	1,012	0	$133,025	$101,684
Cooking and Laundry	6	34	25	453	5	4	120	93	$4,472	$16,681
Design Assistance	8	803	593	12,751	32	439	5,045	0	$74,596	$531,503
Hot Water Efficiency	10	0	0	2	0	0	260	602	$76	$4,993
Hot Water Fuel Switch	1	2	2	71	1	1	-11	0	$1,639	$1,373
Industrial Process Eff.	2	283	214	4,079	50	49	0	0	$67,351	$95,655
Lighting	158	4,869	3,771	68,472	697	904	-4,121	0	$350,962	$876,024
Motors	34	922	672	13,965	152	115	415	0	$81,104	$145,637
Other Efficiency	6	59	43	1,562	8	7	0	185	$7,766	$10,482
Other Fuel Switch	3	2	2	70	12	9	-8	0	$1,587	$1,250
Other Indirect Activity	1	0	0	1	0	0	0	0	$17	$103
Refrigeration	29	999	730	13,548	117	66	1,221	0	$92,442	$131,979
Space Heat Efficiency	22	50	37	984	7	30	4,673	0	$20,039	$169,683
Space Heat Fuel Switch	2	56	48	1,691	22	0	-208	0	$3,325	$3,299
Ventilation	41	102	74	1,090	12	14	5,081	0	$14,189	$93,924
Water Conservation	3	0	0	0	0	0	0	127	$0	$1,200
Totals		9,267	7,001	135,960	1,165	1,897	13,478	1,007	$852,592	$2,185,470

5.1.3. C&I Non-Farm 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	Participant Incentives Paid	Participant Costs
Barton	1	2	1	25	0	0	0	0	$605	$360
CVPS	67	3,341	2,524	50,526	445	538	4,101	296	$265,165	$668,225
Enosburg Falls	1	0	0	7	0	0	0	0	$60	$105
Green Mountain	66	3,698	2,798	52,719	523	658	2,829	412	$383,890	$723,368
Hardwick	4	225	167	4,321	29	37	1,184	0	$35,938	$71,675
Hyde Park	1	240	172	3,425	22	57	24	0	$27,505	$60,854
Johnson	1	182	140	2,422	16	34	-95	0	$21,510	$13,087
Lyndonville	1	5	5	81	1	2	-5	0	$725	$600
Morrisville	3	23	20	336	3	4	-25	0	$2,594	$2,719
Northfield	3	456	325	6,784	40	65	-213	0	$27,493	$75,819
Orleans	1	2	2	30	0	0	-1	0	$453	$371
Stowe	5	750	584	10,539	39	422	5,200	2	$56,186	$450,547
Swanton	4	44	36	483	6	7	95	5	$5,043	$12,400
VT Electric Coop	12	238	179	3,397	31	67	211	293	$21,003	$87,016
Washington Electric	2	60	46	865	11	6	173	0	$4,423	$18,326
Totals	172	9,267	7,001	135,960	1,165	1,897	13,478	1,007	$852,592	$2,185,470

5.1.4. C&I Non-Farm 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	Participant Incentives Paid	Participant Costs
Addison	16	646	486	9,571	96	112	1,901	333	$68,115	$208,566
Bennington	16	414	320	5,903	63	72	-332	0	$34,338	$75,341
Caledonia	6	57	49	788	8	14	143	7	$6,051	$11,644
Chittenden	50	3,021	2,293	43,596	406	558	2,174	57	$301,515	$594,653
Essex	1	0	0	7	0	0	-1	0	$242	$165
Franklin	9	235	182	3,094	27	31	43	5	$19,107	$33,981
Grand Isle	2	2	2	33	0	0	-2	0	$605	$480
Lamoille	13	1,198	920	16,769	80	518	5,101	2	$108,580	$528,031
Orange	2	12	9	138	1	0	195	0	$761	$1,450
Orleans	11	410	301	6,941	52	91	1,445	293	$54,323	$153,695
Rutland	11	822	620	12,136	94	109	-348	35	$32,511	$103,828
Washington	22	1,024	752	14,477	125	147	584	185	$91,831	$158,315
Windham	4	904	667	14,257	109	161	844	0	$72,528	$182,796
Windsor	9	522	398	8,251	103	83	1,732	92	$62,086	$132,527
Totals	172	9,267	7,001	135,960	1,165	1,897	13,478	1,007	$852,592	$2,185,470

5.1.5. C&I Non-Farm New Construction Act 250 - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	53	43	nap	132
# participants with analysis	71	54	nap	185
# participants with analysis and installations	53	43	nap	132
Costs				
EVT Incentives	$453,589	$462,559	nap	$1,304,128
Participant Costs	$1,207,802	$1,457,607	nap	$3,440,798
Third Party Costs	$8,355	$3,500	nap	$23,555
Annualized MWh Savings	4,571	6,006	nap	13,253
Lifetime MWh Savings	68,141	87,536	nap	194,391
TRB Savings (2006$)	$4,808,268	$9,384,823	nap	$16,788,537
Winter Coincident Peak KW Savings	564	744	nap	1,683
Summer Coincident Peak KW Savings	831	1,272	nap	2,758
Annualized MWh Savings/Participant	86.244	139.675	nap	100.400
Weighted Lifetime	15	15	nap	15
Committed Incentives	$105,055	$91,505	nap	nap

5.1.6. C&I Non-Farm 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	24	680	502	11,527	10	127	1,012	0	$81,440	$82,022
Cooking and Laundry	4	32	23	419	4	3	117	82	$4,220	$16,231
Design Assistance	5	791	584	12,581	32	429	5,045	0	$62,753	$531,503
Hot Water Efficiency	6	0	0	2	0	0	233	509	$76	$4,815
Industrial Process Eff.	1	1	1	8	0	0	0	0	$0	$1,000
Lighting	42	3,202	2,466	44,731	482	550	-2,629	0	$196,305	$511,622
Motors	15	538	399	8,060	115	76	265	0	$42,425	$76,886
Other Efficiency	3	39	29	975	4	4	0	185	$5,259	$4,915
Other Fuel Switch	2	1	1	22	11	9	-2	0	$1,385	$1,075
Other Indirect Activity	1	0	0	1	0	0	0	0	$17	$103
Refrigeration	13	628	465	7,876	73	37	0	0	$43,043	$48,052
Space Heat Efficiency	12	40	30	798	2	30	3,206	0	$18,236	$145,473
Ventilation	16	55	40	536	8	8	2,461	0	$7,399	$33,511
Water Conservation	1	0	0	0	0	0	0	7	$0	$400
Totals		6,006	4,540	87,536	744	1,272	9,707	783	$462,559	$1,457,607

5.1.7. C&I Non-Farm New Construction Non-Act 250 - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	67	130	nap	231
# participants with analysis	84	151	nap	327
# participants with analysis and installations	67	130	nap	231
Costs				
EVT Incentives	$388,992	$390,033	nap	$924,697
Participant Costs	$1,486,845	$727,863	nap	$2,710,288
Third Party Costs	$9,620	$6,650	nap	$20,320
Annualized MWh Savings	4,000	3,261	nap	8,583
Lifetime MWh Savings	57,758	48,424	nap	125,525
TRB Savings (2006$)	$4,640,988	$4,346,384	nap	$10,568,998
Winter Coincident Peak KW Savings	515	422	nap	1,150
Summer Coincident Peak KW Savings	731	625	nap	1,654
Annualized MWh Savings/Participant	59.706	25.086	nap	37.156
Weighted Lifetime	14	15	nap	15
Committed Incentives	$57,836	$84,596	nap	nap

5.1.8. C&I Non-Farm 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	22	404	287	5,692	41	133	0	0	$51,585	$19,662
Cooking and Laundry	2	3	2	34	0	0	3	11	$252	$450
Design Assistance	3	12	9	171	0	10	0	0	$11,843	$0
Hot Water Efficiency	4	0	0	0	0	0	28	93	$0	$178
Hot Water Fuel Switch	1	2	2	71	1	1	-11	0	$1,639	$1,373
Industrial Process Eff.	1	283	213	4,072	49	49	0	0	$67,351	$94,655
Lighting	117	1,667	1,305	23,740	215	354	-1,492	0	$154,656	$364,402
Motors	19	384	274	5,905	37	39	149	0	$38,679	$68,752
Other Efficiency	3	20	14	587	3	3	0	0	$2,507	$5,568
Other Fuel Switch	1	2	1	49	0	0	-6	0	$202	$175
Refrigeration	16	371	265	5,672	44	29	1,221	0	$49,399	$83,927
Space Heat Efficiency	10	9	7	186	4	0	1,467	0	$1,804	$24,210
Space Heat Fuel Switch	2	56	48	1,691	22	0	-208	0	$3,325	$3,299
Ventilation	25	48	34	554	4	6	2,620	0	$6,791	$60,413
Water Conservation	2	0	0	0	0	0	0	120	$0	$800
Totals		3,261	2,460	48,424	422	625	3,771	225	$390,033	$727,863

5.1.9. Farm - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	53	50	nap	148
# participants with analysis	34	36	nap	111
# participants with analysis and installations	35	26	nap	93
Costs				
EVT Incentives	$90,974	$80,752	nap	$260,176
Participant Costs	$76,258	$90,087	nap	$517,615
Third Party Costs	$2,400	$8,000	nap	$14,400
Annualized MWh Savings	314	380	nap	1,060
Lifetime MWh Savings	4,053	4,450	nap	12,936
TRB Savings (2006$)	$213,329	$415,201	nap	$881,097
Winter Coincident Peak KW Savings	73	79	nap	205
Summer Coincident Peak KW Savings	28	56	nap	121
Annualized MWh Savings/Participant	5.928	7.602	nap	7.163
Weighted Lifetime	13	12	nap	12
Committed Incentives	$6,851	$7,480	nap	nap

5.1.10. Farm - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	1	0	0	6	0	0	0	0	$315	-$63
Hot Water Efficiency	10	12	10	118	1	3	466	0	$3,588	$21,905
Lighting	21	122	104	1,769	37	16	-10	0	$16,686	$31,423
Motors	17	130	117	1,320	32	18	0	0	$33,361	$25,060
Other Indirect Activity	4	0	0	0	0	0	0	0	$1,267	-$76
Refrigeration	5	37	33	440	6	3	0	0	$11,225	$8,108
Ventilation	2	80	71	796	3	16	0	0	$14,312	$3,730
Totals		380	336	4,450	79	56	456	0	$80,752	$90,087

5.1.11. Market Rate Multifamily New Construction - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	115	219	nap	485
# participants with analysis	11	11	nap	40
# participants with analysis and installations	10	10	nap	35
Costs				
EVT Incentives	$61,956	$110,596	nap	$316,014
Participant Costs	$230,871	$479,776	nap	$979,943
Third Party Costs	$2,000	$12,330	nap	$23,580
Annualized MWh Savings	555	1,162	nap	2,316
Lifetime MWh Savings	9,408	18,833	nap	38,220
TRB Savings (2006$)	$1,329,111	$2,624,924	nap	$5,340,068
Winter Coincident Peak KW Savings	72	121	nap	258
Summer Coincident Peak KW Savings	94	160	nap	442
Annualized MWh Savings/Participant	4.823	5.306	nap	4.776
Weighted Lifetime	17	16	nap	16
Committed Incentives	$40,250	$29,550	nap	nap

5.1.12. Market Rate Multifamily 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	200	182	162	2,919	20	49	0	0	$9,597	$30,813
Cooking and Laundry	218	11	9	142	2	1	158	340	$3,544	$27,858
Hot Water Efficiency	139	0	0	0	0	0	167	256	$0	$19,536
Lighting	219	267	242	4,464	43	35	-143	0	$51,686	$110,066
Motors	139	517	458	7,888	23	21	0	0	$26,850	$29,740
Other Fuel Switch	148	36	46	1,092	11	8	-124	0	$6,971	$24,281
Refrigeration	218	24	23	362	2	2	0	0	$3,816	$4,222
Space Heat Efficiency	187	39	34	859	12	35	3,101	0	$3,311	$144,816
Ventilation	182	85	72	1,107	8	8	2,560	0	$4,822	$88,444
Totals		1,162	1,046	18,833	121	160	5,718	597	$110,596	$479,776

5.1.13. Market Rate Multifamily Retrofit - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	203	499	nap	704
# participants with analysis	16	19	nap	37
# participants with analysis and installations	12	32	nap	46
Costs				
EVT Incentives	$4,037	$66,467	nap	$71,269
Participant Costs	$7,290	$150,760	nap	$161,010
Third Party Costs	$0	$0	nap	$0
Annualized MWh Savings	15	1,091	nap	1,117
Lifetime MWh Savings	358	11,384	nap	11,950
TRB Savings (2006$)	$17,898	$966,702	nap	$993,290
Winter Coincident Peak KW Savings	4	174	nap	180
Summer Coincident Peak KW Savings	0	87	nap	89
Annualized MWh Savings/Participant	0.073	2.187	nap	1.586
Weighted Lifetime	24	10	nap	11
Committed Incentives	$6,000	$12,510	nap	nap

5.1.14. Market Rate Multifamily 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	1	1	1	9	0	2	0	0	$756	$150
Cooking and Laundry	3	3	3	41	0	0	12	59	$1,165	$7,143
Hot Water Efficiency	169	144	142	1,297	16	8	7	1,492	$0	$1,720
Hot Water Fuel Switch	2	54	57	1,629	12	6	-173	0	$4,008	$11,542
Lighting	494	525	496	3,282	97	37	-148	0	$32,039	$47,279
Motors	56	281	277	4,210	31	31	290	0	$26,604	$37,532
Other Fuel Switch	1	3	3	87	0	0	-10	0	$386	$367
Refrigeration	5	3	3	47	0	0	0	0	$834	$742
Space Heat Efficiency	3	0	0	0	0	0	268	0	$0	$43,200
Ventilation	56	78	77	781	16	1	0	0	$674	$1,086
Totals		1,091	1,058	11,384	174	87	245	1,551	$66,467	$150,760

5.1.15. Low Income Multifamily New Construction and Retrofit - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	1,864	3,247	nap	5,456
# participants with analysis	124	175	nap	373
# participants with analysis and installations	222	539	nap	785
Costs				
EVT Incentives	$500,213	$219,426	nap	$954,462
Participant Costs	$1,074,747	$594,865	nap	$2,273,083
Third Party Costs	$112,546	$70,015	nap	$283,697
Annualized MWh Savings	3,382	2,365	nap	7,148
Lifetime MWh Savings	66,923	36,404	nap	134,187
TRB Savings (2006$)	$3,878,015	$2,399,118	nap	$8,330,840
Winter Coincident Peak KW Savings	454	528	nap	1,265
Summer Coincident Peak KW Savings	353	186	nap	673
Annualized MWh Savings/Participant	1.814	0.728	nap	1.310
Weighted Lifetime	20	15	nap	19
Committed Incentives	$264,608	$137,483	nap	nap

5.1.16. Low Income Multifamily New Construction & 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	11	6	5	74	1	6	0	0	$579	$6,750
Cooking and Laundry	75	12	11	172	2	1	118	267	$3,429	$18,226
Hot Water Efficiency	986	103	101	926	11	5	946	4,113	$0	$7,235
Hot Water Fuel Switch	175	393	348	11,780	76	38	-1,374	0	$36,462	$235,382
Lighting	2,557	1,461	1,311	13,937	298	115	-239	0	$114,209	$93,881
Motors	10	12	10	177	6	0	0	0	$151	$1,350
Other Fuel Switch	26	28	35	835	4	3	-93	0	$3,371	$1,054
Other Indirect Activity	30	0	0	0	0	0	0	0	$2,519	$0
Refrigeration	405	50	45	855	6	6	0	0	$9,619	$9,436
Space Heat Efficiency	136	35	31	824	9	4	3,047	0	$907	$91,738
Space Heat Fuel Switch	110	208	185	6,243	110	0	-709	0	$22,414	$102,963
Ventilation	471	58	52	582	7	7	243	0	$25,766	$26,848
Totals		2,365	2,134	36,404	528	186	1,937	4,380	$219,426	$594,865

5.1.17. Low Income Multifamily New Construction & Retrofit - 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	Participant Incentives Paid	Participant Costs
Barton	1	0	0	2	0	0	0	0	$7	$0
CVPS	1,784	885	808	10,085	182	73	3,164	2,223	$91,790	$178,356
Green Mountain	979	1,152	1,026	21,389	275	92	-1,504	1,625	$99,695	$343,393
Hardwick	35	94	86	2,403	21	6	140	31	$10,720	$51,320
Hyde Park	1	2	2	14	0	0	4	13	$63	$6
Johnson	25	6	5	37	1	0	14	40	$366	$6
Ludlow	59	61	59	1,150	12	3	45	95	$6,244	$17,102
Lyndonville	14	24	22	207	5	2	7	81	$2,258	$632
Morrisville	63	42	38	275	10	3	29	91	$1,429	$18
Northfield	62	35	31	228	8	2	21	67	$1,363	-$14
Orleans	5	1	1	8	0	0	0	0	$75	$1
Readsboro	4	3	3	18	1	0	6	18	$120	$6
Stowe	17	1	1	8	0	0	0	0	$49	$0
Swanton	33	13	12	86	3	1	6	15	$609	$126
VT Electric Coop	163	44	39	476	9	3	8	76	$4,435	$2,607
Washington Electric	2	2	2	17	0	0	0	7	$204	$1,306
Totals	3,247	2,365	2,134	36,404	528	186	1,937	4,380	$219,426	$594,865

5.1.18. Low Income Multifamily New Construction & Retrofit - 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	Participant Incentives Paid	Participant Costs
Addison	385	66	59	920	11	6	195	183	$12,066	$16,418
Bennington	119	77	69	954	13	4	746	199	$8,232	$16,530
Caledonia	95	138	125	2,793	29	10	146	119	$15,112	$52,058
Chittenden	719	700	625	10,816	110	66	-763	945	$48,514	$177,421
Essex	7	7	6	148	1	1	-7	22	$556	$1,441
Franklin	273	203	189	2,382	42	15	1,916	571	$28,203	$79,341
Grand Isle	16	2	2	23	0	0	0	6	$50	$796
Lamoille	106	51	46	334	12	3	47	143	$1,908	$30
Orange	75	51	47	372	10	3	43	334	$1,240	$30
Orleans	125	34	31	306	8	2	17	54	$3,857	$383
Rutland	239	93	84	691	20	6	73	440	$4,320	$7,236
Washington	226	451	400	10,567	165	26	-757	621	$51,545	$167,072
Windham	189	130	119	1,316	26	10	223	399	$20,918	$13,693
Windsor	673	363	332	4,783	81	33	59	344	$22,906	$62,416
Totals	3,247	2,365	2,134	36,404	528	186	1,937	4,380	$219,426	$594,865

5.1.19. Low Income Multifamily New Construction - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	519	137	nap	698
# participants with analysis	11	14	nap	42
# participants with analysis and installations	46	21	nap	84
Costs				
EVT Incentives	$279,987	$34,484	nap	$449,636
Participant Costs	$365,875	$59,374	nap	$583,520
Third Party Costs	$78,626	$7,159	nap	$85,785
Annualized MWh Savings	1,866	251	nap	2,636
Lifetime MWh Savings	30,279	4,851	nap	44,899
TRB Savings (2006$)	$2,570,216	$356,178	nap	$3,771,994
Winter Coincident Peak KW Savings	207	56	nap	350
Summer Coincident Peak KW Savings	297	22	nap	384
Annualized MWh Savings/Participant	3.595	1.833	nap	3.776
Weighted Lifetime	16	19	nap	17
Committed Incentives	$133,350	$28,600	nap	nap

5.1.20. Low Income Multifamily 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	10	4	3	55	1	2	0	0	$202	$4,800
Cooking and Laundry	6	1	1	13	0	0	14	38	$221	$3,710
Hot Water Efficiency	33	0	0	0	0	0	91	362	$0	$294
Hot Water Fuel Switch	16	43	38	1,282	7	3	-143	0	$3,605	$7,422
Lighting	131	131	125	1,926	28	7	-1	0	$21,836	$16,935
Motors	10	12	10	177	6	0	0	0	$151	$1,350
Other Fuel Switch	10	25	32	749	4	3	-84	0	$2,464	$1,054
Refrigeration	53	6	6	106	1	1	0	0	$1,192	$1,707
Space Heat Efficiency	38	19	17	440	9	4	489	0	$907	$18,228
Ventilation	46	10	9	103	1	1	57	0	$3,906	$3,873
Totals		251	241	4,851	56	22	424	400	$34,484	$59,374

5.1.21. Low Income Multifamily Retrofit - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	1,345	3,110	nap	4,925
# participants with analysis	113	161	nap	331
# participants with analysis and installations	176	518	nap	719
Costs				
EVT Incentives	$220,226	$184,943	nap	$504,826
Participant Costs	$708,872	$535,491	nap	$1,689,563
Third Party Costs	$33,920	$62,856	nap	$197,912
Annualized MWh Savings	1,516	2,114	nap	4,513
Lifetime MWh Savings	36,644	31,553	nap	89,288
TRB Savings (2006$)	$1,307,799	$2,042,939	nap	$4,558,846
Winter Coincident Peak KW Savings	248	472	nap	916
Summer Coincident Peak KW Savings	56	164	nap	288
Annualized MWh Savings/Participant	1.127	0.680	nap	0.916
Weighted Lifetime	24	15	nap	20
Committed Incentives	$131,258	$108,883	nap	nap

5.1.22. Low Income Multifamily 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	1	2	2	19	0	4	0	0	$378	$1,950
Cooking and Laundry	69	11	10	159	2	1	103	230	$3,208	$14,516
Hot Water Efficiency	953	103	101	926	11	5	855	3,751	$0	$6,941
Hot Water Fuel Switch	159	350	310	10,498	69	35	-1,231	0	$32,857	$227,961
Lighting	2,426	1,330	1,186	12,010	270	107	-237	0	$92,372	$76,946
Other Fuel Switch	16	3	4	85	0	0	-10	0	$907	$0
Other Indirect Activity	30	0	0	0	0	0	0	0	$2,519	$0
Refrigeration	352	44	39	749	5	5	0	0	$8,428	$7,729
Space Heat Efficiency	98	15	14	384	0	0	2,557	0	$0	$73,510
Space Heat Fuel Switch	110	208	185	6,243	110	0	-709	0	$22,414	$102,963
Ventilation	425	48	43	479	5	5	186	0	$21,860	$22,975
Totals		2,114	1,893	31,553	472	164	1,513	3,980	$184,943	$535,491

5.1.23. C&I Equipment Replacement Non-Farm - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	469	1,285	nap	2,070
# participants with analysis	197	433	nap	2,003
# participants with analysis and installations	110	820	nap	1,010
Costs				
EVT Incentives	$676,887	$6,208,313	nap	$7,682,932
Participant Costs	$1,435,600	$2,418,396	nap	$5,078,497
Third Party Costs	$0	$1,002	nap	$2,285
Annualized MWh Savings	8,123	25,172	nap	43,270
Lifetime MWh Savings	113,888	323,097	nap	573,210
TRB Savings (2006$)	$6,954,306	$25,060,312	nap	$39,000,800
Winter Coincident Peak KW Savings	1,054	3,256	nap	5,775
Summer Coincident Peak KW Savings	1,523	4,682	nap	7,911
Annualized MWh Savings/Participant	17.321	19.589	nap	20.904
Weighted Lifetime	14	13	nap	13
Committed Incentives	$36,950	$213,722	nap	nap

5.1.24. C&I Equipment Replacement Non-Farm - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	83	637	594	11,317	42	243	0	0	$214,524	$260,313
Cooking and Laundry	4	17	16	218	2	2	4	174	$1,662	$21,812
Design Assistance	4	0	0	0	0	0	0	0	$2,803	$700
Hot Water Efficiency	4	1	1	15	0	0	214	115	$101	$2,460
Hot Water Fuel Switch	1	4	4	112	1	0	-14	0	$302	$710
Industrial Process Eff.	20	2,483	2,646	34,969	365	258	212	0	$160,072	$675,058
Lighting	1,145	19,421	17,344	241,835	2,498	3,966	-17,850	0	$5,538,564	$680,367
Motors	36	953	872	12,940	156	109	0	0	$107,297	$243,355
Other Efficiency	3	39	35	653	3	3	59	96	$2,341	$10,092
Other Indirect Activity	7	266	238	1,320	31	30	0	0	$16,300	$34,950
Refrigeration	171	857	793	11,294	65	19	0	0	$93,124	$115,279
Space Heat Efficiency	6	38	36	539	10	11	960	0	$2,609	$236,558
Space Heat Fuel Switch	1	166	175	4,970	26	0	-669	0	$44,858	$803
Ventilation	8	293	276	2,915	55	41	4,313	0	$23,756	$135,940
Totals		25,172	23,030	323,097	3,256	4,682	-12,771	385	$6,208,313	$2,418,396

5.1.25. C&I Retrofit - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	218	347	nap	617
# participants with analysis	403	533	nap	1,190
# participants with analysis and installations	218	344	nap	614
Costs				
EVT Incentives	$1,102,243	$2,759,731	nap	$4,369,808
Participant Costs	$6,188,589	$7,296,146	nap	$16,229,202
Third Party Costs	$78	$40,070	nap	$43,036
Annualized MWh Savings	19,769	32,180	nap	60,925
Lifetime MWh Savings	270,565	416,800	nap	804,435
TRB Savings (2006$)	$14,976,977	$32,424,262	nap	$54,480,923
Winter Coincident Peak KW Savings	2,627	4,307	nap	8,267
Summer Coincident Peak KW Savings	2,455	4,646	nap	8,895
Annualized MWh Savings/Participant	90.685	92.739	nap	98.744
Weighted Lifetime	14	13	nap	13
Committed Incentives	$499,668	$561,450	nap	nap

5.1.26. C&I 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	19	873	868	13,337	139	233	1,136	0	$115,733	$792,167
Cooking and Laundry	1	0	0	0	0	0	1	16	$26	$181
Design Assistance	20	347	311	694	0	0	0	0	$53,059	$21,357
Hot Water Efficiency	9	9	9	81	6	2	79	214	$474	$22,293
Hot Water Fuel Switch	5	45	51	1,350	7	6	-162	0	$3,851	$7,371
Industrial Process Eff.	27	5,159	5,497	51,871	589	426	13,712	236	$263,052	$879,049
Lighting	228	20,010	16,429	275,060	2,822	3,382	-17,163	0	$1,680,083	$3,876,549
Motors	36	1,888	1,878	21,871	282	213	3,243	0	$159,124	$568,631
Other Efficiency	4	172	153	1,737	41	36	9	564	$24,350	$33,032
Other Fuel Switch	5	406	404	8,158	58	67	-1,390	0	$10,091	$26,998
Other Indirect Activity	5	26	23	107	3	5	0	0	$15,498	$5,195
Refrigeration	91	2,074	1,986	26,237	235	154	0	0	$300,691	$569,850
Space Heat Efficiency	18	240	239	4,362	42	17	2,869	0	$88,983	$349,928
Space Heat Fuel Switch	8	125	140	3,740	49	0	-433	0	$17,914	$51,436
Ventilation	7	808	808	8,194	36	104	4,519	0	$26,802	$90,908
Water Conservation	1	0	0	0	0	0	0	49	$0	$1,200
Totals		32,180	28,796	416,800	4,307	4,646	6,421	1,079	$2,759,731	$7,296,146

5.1.27. Residential Targeted High Use - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	455	966	nap	1,909
# participants with analysis	531	1,250	nap	2,445
# participants with analysis and installations	455	966	nap	1,909
Costs				
EVT Incentives	$161,980	$276,306	nap	$609,530
Participant Costs	$1,197,002	$2,384,259	nap	$4,428,705
Third Party Costs	$5,941	$4,150	nap	$22,341
Annualized MWh Savings	971	1,221	nap	3,571
Lifetime MWh Savings	26,277	25,540	nap	90,473
TRB Savings (2006$)	$1,371,717	$2,970,401	nap	$5,656,420
Winter Coincident Peak KW Savings	234	267	nap	808
Summer Coincident Peak KW Savings	65	101	nap	266
Annualized MWh Savings/Participant	2.134	1.264	nap	1.871
Weighted Lifetime	27	21	nap	25
Committed Incentives	nap	nap	nap	nap

5.1.28. Residential Targeted High Use - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	19	2	1	30	0	15	0	0	$2,015	$850
Cooking and Laundry	11	0	0	0	0	0	0	0	$0	$2,073
Hot Water Efficiency	88	42	42	283	5	4	30	185	$2,626	$5,222
Hot Water Fuel Switch	176	514	675	15,405	76	39	-1,920	0	$98,735	$186,335
Lighting	322	275	271	1,769	64	18	0	0	$52,317	$84
Other Fuel Switch	21	21	21	625	3	2	-63	0	$2,116	$16,861
Other Indirect Activity	27	0	0	0	0	0	1	0	$166	$5,795
Refrigeration	169	158	156	2,689	18	19	0	0	$46,653	$108,610
Space Heat Efficiency	369	149	146	2,930	69	4	11,801	0	$64,504	$1,972,811
Space Heat Fuel Switch	10	60	67	1,808	32	0	-213	0	$7,053	$28,821
Ventilation	112	0	0	0	0	0	0	0	$122	$56,798
Totals		1,221	1,379	25,540	267	101	9,635	185	$276,306	$2,384,259

5.1.29. Low Income Single Family - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	1,255	1,022	nap	3,401
# participants with analysis	1,307	973	nap	3,521
# participants with analysis and installations	1,255	1,022	nap	3,401
Costs				
EVT Incentives	$673,407	$530,053	nap	$1,843,715
Participant Costs	$102,074	$23,581	nap	$127,607
Third Party Costs	$63,736	$27,530	nap	$183,748
Annualized MWh Savings	1,859	1,437	nap	5,142
Lifetime MWh Savings	30,650	21,243	nap	80,901
TRB Savings (2006$)	$955,818	$881,770	nap	$2,835,175
Winter Coincident Peak KW Savings	346	251	nap	898
Summer Coincident Peak KW Savings	163	122	nap	466
Annualized MWh Savings/Participant	1.481	1.406	nap	1.512
Weighted Lifetime	16	15	nap	16
Committed Incentives	nap	nap	nap	nap

5.1.30. 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	Participant Incentives Paid	Participant Costs
Cooking and Laundry	2	3	2	23	0	0	2	0	$1,182	$0
Hot Water Efficiency	401	194	172	1,342	22	18	0	1,257	$19,008	-$50
Hot Water Fuel Switch	68	303	269	9,083	46	23	-985	0	$155,044	$23,626
Lighting	877	521	462	3,346	122	33	0	0	$73,031	$5
Motors	1	4	3	70	2	0	0	0	$504	$0
Other Fuel Switch	2	2	2	66	0	0	-7	0	$1,287	$0
Refrigeration	425	383	340	6,509	45	47	0	0	$268,601	$0
Space Heat Efficiency	1	3	3	42	1	0	0	0	$868	$0
Space Heat Fuel Switch	5	25	23	761	13	0	-91	0	$10,529	$0
Totals		1,437	1,276	21,243	251	122	-1,081	1,257	$530,053	$23,581

5.1.31. 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	Participant Incentives Paid	Participant Costs
Barton	14	30	27	625	5	2	-49	13	$11,572	$1,098
CVPS	470	595	528	7,927	100	52	-316	599	$195,524	$8,279
Enosburg Falls	13	35	31	718	7	3	-52	31	$18,204	$0
Green Mountain	214	301	267	4,503	54	25	-234	210	$108,451	$5,870
Hardwick	25	46	41	752	9	4	-46	58	$16,945	$0
Hyde Park	9	13	11	204	2	1	-12	0	$6,054	$0
Johnson	4	3	3	22	1	0	0	0	$761	$0
Ludlow	2	3	3	37	0	0	0	7	$1,333	$0
Lyndonville	29	40	36	415	6	4	0	77	$12,901	$0
Morrisville	5	11	10	127	2	1	0	0	$4,273	$0
Northfield	3	6	5	131	1	0	-14	0	$3,418	$0
Orleans	8	13	12	254	2	1	-15	0	$6,451	$0
Readsboro	1	1	1	20	0	0	0	0	$643	$0
Stowe	2	2	2	20	0	0	0	0	$662	$0
Swanton	18	56	50	1,224	13	3	-116	13	$24,158	$2,226
VT Electric Coop	165	199	177	2,785	35	16	-134	233	$82,666	$3,836
Washington Electric	40	81	72	1,477	13	7	-92	15	$36,039	$2,272
Totals	1,022	1,437	1,276	21,243	251	122	-1,081	1,257	$530,053	$23,581

5.1.32. 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	Participant Incentives Paid	Participant Costs
Addison	52	66	59	1,069	11	6	-58	130	$29,006	$1,272
Bennington	52	68	61	826	11	7	0	0	$18,542	$0
Caledonia	80	127	113	1,646	22	11	-49	229	$39,929	$280
Chittenden	100	117	104	1,752	20	10	-94	177	$42,483	$1,629
Essex	26	33	30	343	5	3	0	109	$11,626	$0
Franklin	99	203	180	4,063	40	14	-344	143	$82,696	$6,821
Grand Isle	17	34	30	525	7	2	-39	44	$11,844	$645
Lamoille	40	54	48	604	10	5	-12	18	$18,483	$0
Orange	56	86	76	1,255	15	7	-66	13	$31,483	$2,904
Orleans	99	123	109	2,026	20	11	-109	52	$59,564	$1,548
Rutland	111	111	98	1,413	17	11	-43	82	$40,242	$1,225
Washington	101	179	159	3,184	30	15	-216	28	$71,602	$5,642
Windham	113	131	116	1,238	24	11	0	142	$36,887	$0
Windsor	76	106	94	1,300	18	9	-51	90	$35,665	$1,613
Totals	1,022	1,437	1,276	21,243	251	122	-1,081	1,257	$530,053	$23,581

5.1.33. C&I Large Industrial - Summary

	Prior Year	Current Year 2008	Projected Year 2008	Cumulative starting 1/1/06
# participants with installations	58	65	nap	101
# participants with analysis	8	13	nap	21
# participants with analysis and installations	42	54	nap	76
Costs				
EVT Incentives	$703,385	$1,328,707	nap	$2,241,634
Participant Costs	$4,209,167	$3,243,402	nap	$7,895,825
Third Party Costs	$0	$2,750	nap	$5,088
Annualized MWh Savings	13,241	18,017	nap	34,794
Lifetime MWh Savings	188,007	224,930	nap	451,282
TRB Savings (2006$)	$10,344,075	$17,445,170	nap	$30,209,596
Winter Coincident Peak KW Savings	1,498	2,296	nap	4,254
Summer Coincident Peak KW Savings	1,493	2,296	nap	4,254
Annualized MWh Savings/Participant	228.291	277.189	nap	344.499
Weighted Lifetime	14	12	nap	13
Committed Incentives	nap	nap	nap	nap

5.1.34. C&I Large Industrial - 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	Participant Incentives Paid	Participant Costs
Air Conditioning Eff.	9	722	685	9,850	105	186	165	0	$62,403	$336,415
Cooking and Laundry	2	0	0	7	0	0	1	14	$101	$1,178
Design Assistance	7	0	0	0	0	0	0	0	$10,187	$8,367
Hot Water Fuel Switch	1	24	27	723	1	1	-91	0	$2,217	$1,594
Industrial Process Eff.	18	5,521	5,900	59,947	679	378	13,570	236	$307,672	$1,145,404
Lighting	40	8,621	6,993	119,734	1,157	1,378	-7,073	0	$678,060	$1,063,807
Motors	22	1,858	1,758	21,317	252	227	0	0	$193,382	$543,785
Other Efficiency	4	52	43	1,015	4	4	0	185	$4,632	$14,750
Other Indirect Activity	4	202	181	1,010	23	23	0	0	$23,474	$15,125
Refrigeration	11	180	166	2,590	27	12	0	0	$22,665	$35,073
Space Heat Efficiency	2	36	36	724	5	4	32	0	$2,781	$10,284
Ventilation	3	801	798	8,013	44	83	3,917	0	$21,133	$67,620
Totals		18,017	16,587	224,930	2,296	2,296	10,521	435	$1,328,707	$3,243,402

5.1.35. Cumulative Distributions by Customer Sector

	Total Resource Benefits starting 01/01/06		Annualized MWh Energy Savings starting 01/01/06		Year 2006-2008 PSB Approved Budgets
	Total	%	Total	%	%
Business Energy Services	$140,504,372	55%	143,105	46%	48%
Residential Energy Services	$112,701,223	45%	165,539	54%	52%
Total	$253,205,594	100%	308,645	100%	100%

Data in this table includes Customer Credit Program results.

5.1.36. Cumulative Distributions by County

County	% of Statewide Population	Number of Participants starting 01/01/06		Total Resource Benefits starting 01/01/06		Annualized MWh Energy Savings starting 01/01/06	
		Total	%	Total	%	Total	%
Addison	5.9%	6,784	5.7%	$10,972,741	4.3%	14,599	4.7%
Bennington	6.1%	6,641	5.6%	$16,939,711	6.7%	24,485	7.9%
Caledonia	4.9%	5,783	4.9%	$8,548,879	3.4%	12,393	4.0%
Chittenden	24.1%	28,597	24.0%	$83,315,406	32.9%	89,841	29.1%
Essex	1.1%	960	0.8%	$850,312	0.3%	1,198	0.4%
Franklin	7.5%	9,152	7.7%	$21,030,303	8.3%	26,645	8.6%
Grand Isle	1.1%	1,439	1.2%	$1,112,531	0.4%	1,537	0.5%
Lamoille	3.8%	5,220	4.4%	$11,264,827	4.4%	11,578	3.8%
Orange	4.6%	4,840	4.1%	$5,142,838	2.0%	7,476	2.4%
Orleans	4.3%	6,047	5.1%	$11,233,477	4.4%	15,071	4.9%
Rutland	10.4%	10,808	9.1%	$18,273,246	7.2%	25,440	8.2%
Washington	9.5%	13,596	11.4%	$23,422,953	9.3%	30,805	10.0%
Windham	7.3%	9,318	7.8%	$23,670,504	9.3%	28,136	9.1%
Windsor	9.4%	9,840	8.3%	$17,427,868	6.9%	19,440	6.3%
Total	100.0%	119,025	100.0%	$253,205,594	100.0%	308,645	100.0%

Data in this table includes Customer Credit Program results.

5.2. LIST OF SUPPORT DOCUMENTS BY SERVICE

EXISTING HOMES SERVICES

Implementation and Procedure Modifications

Subject	Document Type	Initiator	Addressee	Date of PIP
#62a Electric Space Heat Estimation Methodology Revision	Program Implementation Procedure	Paul Scheckel	Michael Wickenden	12/02/08

RESIDENTIAL NEW CONSTRUCTION SERVICES

Implementation and Procedure Modifications

Subject	Document Type	Initiator	Addressee	Date of PIP
# 69 Residential New Construction Custom measure Option Continue to use the highly prescriptive base of savings and strategies, but add the option to append savings through custom engineering or standard practice calculations	Program Implementation Procedure	Patrick Haller	Michael Wickenden	3/01/08
# 69 VEIC response to DPS Comments on PIP #69	Program Implementation Procedure	Patrick Haller	Kathryn Parlin	5/1/08

EFFICIENCY VERMONT CROSS-SECTOR

Implementation and Procedure Modifications

Subject	Document Type	Initiator	Addressee	Date of PIP
#48b Annual Year End Measure Updates for Efficient Products and Residential new Construction For Efficient Products clothes washers and Residential New Construction dishwashers, a change was made for the measure characterization update frequency to once every three years from annual.	Program Implementation Procedure	Carole Hakstian	Michael Wickenden	1/01/08
#46 Average Retail Electricity and Fuel Costs Calculations Annual Revision	Program Implementation Procedure	Erik Brown	Michael Wickenden	1/01/09

5.3. GROSS TO NET FACTORS

5.3.1. GUIDE TO THE TABLES THAT FOLLOW

Adjustments to all savings were made to account for free riders, spillover, and line losses. This section lists the adjustments that were used for this report.

Adjustments on table '5.3.2. Gross to Net Factors' represent free rider and spillover rates used throughout 2008 by mutual agreement among Efficiency Vermont, the Vermont Department of Public Service and the Contract Administrator. Free rider and spillover adjustments are applied based on the specific measure, market, and market sub-component. No adjustments are made for free riders or spillover in the Customer Credit Program.

Adjustments for free riders and spillover are presented as a single combined factor rather than percentage adjustments. That is, "no adjustment" is indicated by a factor of 1. Factors less than 1 represent a net reduction in savings due to free riders. Factors greater than 1 represent a net increase in savings due to spillover. Free rider and spillover adjustments are combined by addition. Example, a free rider adjustment of 0.8 combined with a spillover adjustment of 1.1 results in a total adjustment of 0.9. The adjusted savings would be 90% of unadjusted savings.

Adjustments on table '5.3.3. Line Loss Factors' are then applied to the total after all other adjustments have been made. Line loss adjustments depend on the measure load shape. Line loss adjustments increase electrical savings by the percentage indicated. The final calculation results in "Net Savings at Generation."

The column headings indicate the market and market sub-component as follows:

Column	Market Component
C&I RETR	Commercial & Industrial Retrofit
C&I PRES	Commercial & Industrial Prescriptive Equipment Replacement
C&I CUST	Commercial & Industrial Custom Equipment Replacement
C&I A250	Commercial & Industrial New Construction, Act 250
C&I NC	Commercial & Industrial New Construction, Non-Act 250
C&I UPST	Commercial & Industrial Upstream
C&I LPLUS	Commercial & Industrial Lighting Plus
FARM REPL	Farm Equipment Replacement
FARM NC	Farm New Construction
FARM PRES	Farm Prescriptive
MRMF RETR	Multifamily Market-Rate Retrofit
MRMF NC	Multifamily Market-Rate New Construction
LIMF RETR	Multifamily Low-Income Retrofit
LIMF REHB	Multifamily Low-Income Rehabilitation
LIMF NC	Multifamily Low-Income New Construction
EP ALL	Efficient Products
RNC ALL	Residential New Construction
EH RETR	Existing Homes Single-Family Retrofit
EH LISF	Existing Homes Single-Family Retrofit, Low Income

5.3.2. Gross to Net Factors

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Air Conditioning Efficiency																			
Package terminal air conditioner	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Unitary air conditioning system	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
AC, Cool Choice tier 1 0-65 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
AC, Cool Choice tier 1 65-135 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
AC, Cool Choice tier 1 135-375 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
AC, Cool Choice tier 2 0-65 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
AC, Cool Choice tier 2 65-135 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
AC, Cool Choice tier 2 135-375 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Package terminal heat pump, Cool Choice tier 1	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Water chilling system	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Space Cooling Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Improved air conditioning controls	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air, Cool Choice tier 1 0-65 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air, Cool Choice tier 1 65-135 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air, Cool Choice tier 1 135-375 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air, Cool Choice tier 2 0-65 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air, Cool Choice tier 2 65-135 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air, Cool Choice tier 2 135-375 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Package terminal AC, Cool Choice tier 1	0.99	1.10	1.04	1.20	1.25	1.10	0.98	1.00	1.00	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, water, Cool Choice tier 1 0-375 KBTU/hr	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, water, Cool Choice tier 2 0-375 KBTU/hr	0.94	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Dehumidifier	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	0.67	1.00	0.90	1.00
Energy Star central AC	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Energy Star central AC, early replacement	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Energy Star room AC, early replacement	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy Star room AC	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy Star CEE Tier 1 AC, incremental	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, air source	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Package terminal heat hump	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Room heat pump	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat pump, water source	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
HVAC economizer	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Building orientation change	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Rating based cooling savings, 82 plus attached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 86 plus attached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 90 plus attached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 82 plus detached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 86 plus detached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 90 plus detached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 82 plus multi	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 86 plus multi	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 82 plus mixed	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based cooling savings, 86 plus mixed	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Proper sizing for HVAC	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom air conditioning	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Cooking and Laundry																			
Commercial efficient clothes washer	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.95	1.00	1.00	1.00	1.00	0.95	0.90	1.00
Dryer usage reductions	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.95	1.00	1.00	1.00	1.15	0.95	0.90	1.00
Energy Star dishwasher, early replacement	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy Star dishwasher	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy Star washer, early replacement	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.15	1.00	1.00	1.00	1.15	1.15	0.90	1.00
Energy Star washer	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.15	1.00	1.00	1.00	1.15	1.15	0.90	1.00
Dryer duct improvement	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.95	1.00	1.00	1.00	1.00	0.95	0.90	1.00
Custom cooking/laundry	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Category: Compressed Air																			
Compressed air, air treatment	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed Air Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Compressed air, compressor	0.89	0.75	0.75	0.75	0.75	0.95	0.98	1.00	1.00	0.75	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, demand controls	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, distribution	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
CMPDRAIN	0.89	0.95	0.95	0.95	0.95	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, Air Dryer	0.89	0.50	0.50	0.50	0.50	0.95	0.98	1.00	1.00	0.50	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, maintenance	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, Air Nozzle	0.89	0.90	0.90	0.90	0.90	0.95	0.98	1.00	1.00	0.90	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, Air Receiver	0.89	0.90	0.90	0.90	0.90	0.95	0.98	1.00	1.00	0.90	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, supply controls	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Compressed air, Snowmaking distribution	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Compressed air, Snowmaking efficiency	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Compressed air, custom	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Design Assistance																			
Design assistance, general	0.89	0.98	0.95	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.02	1.00	0.98	0.98	1.00	1.02	0.90	1.00
Comprehensive Building Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Comprehensive building-wide savings	0.89	0.98	0.95	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.02	1.00	0.98	0.98	1.00	1.02	0.90	1.00
Core Performance Building	0.89	0.98	0.95	1.20	1.20	0.98	0.98	1.00	1.00	0.98	0.90	0.99	1.00	0.98	0.98	1.00	0.99	0.90	1.00
Category: Office Equipment																			
Efficient Computers/Monitors	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Computer monitor power management software	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Custom Office Equipment Efficiency	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Category: Estimate																			
Estimated gross results	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Category: <unknown:ETI>																			
Internal Power Supplies	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.10	1.00	1.00	1.00
Category: Event																			
Compressed Air Challenge	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Category: Health and Safety																			
Chimney liner	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Carbon monoxide detector	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Ventilation, health only	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.10	1.00	1.00	1.00	1.00	1.10	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Hot Water Efficiency																			
Comprehensive hot water conservation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Improve hot water controls	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Drain Water Waste Heat Recovery	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Faucet aerator/flow restrictor	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	0.90	0.90	0.90	1.00	1.00	0.90	1.00
Heat recovery, compressor	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Heat recovery, grey water	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Insulate hot water tank	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Low flow water fixtures, mixed types	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	0.90	0.90	0.90	1.00	1.00	0.90	1.00
Insulate hot water pipes	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Rating based hot water savings, 82 plus attached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 86 plus attached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 86 plus attached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 82 plus detached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 86 plus detached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 90 plus detached	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 82 plus multi	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 86 plus multi	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 82 plus mixed	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based hot water savings, 86 plus mixed	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Low flow showerhead	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	0.90	0.90	0.90	1.00	1.00	0.90	1.00
Solar hot water heating	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Hot water temperature setback	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Waterbed pad	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom hot water efficiency	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Hot Water Fuel Switch																			
Fuel switch hot water, continuous flow oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, continuous flow kerosene	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, continuous flow natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, continuous flow propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, indirect fired fuel oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, indirect fired natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, indirect fired propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, indirect fired wood	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, stand alone fuel oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, stand alone natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.50	1.00
Fuel switch hot water, stand alone propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch hot water, stand alone wood	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.85	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Category: Hot Water Replacement																			
Replace hot water, continuous flow oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, continuous flow kerosene	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, continuous flow natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, continuous flow propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, indirect fired fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, indirect fired natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, indirect fired propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, indirect fired wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, stand alone fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, stand alone natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, stand alone propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace hot water, stand alone wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Industrial Process Efficiency																			
Industrial Process Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Snowmaking Process Controls	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Efficient Snowmaking Guns, Other	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Injection Molding Machines	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Snowmaking process	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Efficient Snowmaking Tower Guns	0.50	0.50	0.50	0.75	0.75	0.50	0.98	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Snowmaking Water Distribution Efficiency	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Snowmaking Water Precooling	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Snowmaking Water Pump Rebuild	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Custom industrial process	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Category: Light Bulb/Lamp																			
Compact fluorescent screw-base bulb	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.05	1.05	0.95	0.95	1.00	1.00	1.00	1.00	1.19	1.00	0.90	1.00
Free CFL screw-base bulb	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.05	1.05	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Floor lamp, compact fluorescent	0.94	1.05	1.02	0.95	1.00	1.05	0.98	1.00	1.00	1.05	0.95	1.00	1.00	1.00	1.00	0.96	1.00	0.90	1.00
Halogen IR	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Integrated Ballast Metal-halide	0.89	0.90	0.90	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Screw-Base Induction Fluorescent	0.89	0.90	0.90	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
LED DOWN LIGHT	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
LED DOWN LIGHT	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Reduced-Wattage T8 Lamp	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Table/Desk lamp, compact fluorescent	0.94	1.05	1.02	0.95	1.00	1.05	0.98	1.00	1.00	1.05	0.95	1.00	1.00	1.00	1.00	0.96	1.00	0.90	1.00
Torchiere, compact fluorescent	0.94	1.05	1.02	0.95	1.00	1.05	0.98	1.00	1.00	1.05	0.95	1.00	1.00	1.00	1.00	0.97	1.00	0.90	1.00
HPT8 - F32T8 Lamps	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Custom lamp or bulb	0.89	1.00	0.97	0.95	1.00	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Lighting Efficiency/Controls																			
Lighting system, exterior power density reduction	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Lighting system, interior power density reduction	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Lighting System Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Daylighting	0.89	0.98	0.97	0.95	1.00	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Lighting design improvements	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Dimming controls and ballasts	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Delamping/fixture reduction	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Exterior motion sensors	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.10	1.00	0.90	0.90	1.00	1.10	0.90	1.00
Occupancy sensors	0.89	0.98	0.97	0.95	1.00	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Photocell switches	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Lighting supplier compensation	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Timer controls	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
2-way switching	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00
Custom lighting efficiency	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	0.90	0.90	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Lighting Hardwired Fixture																			
Compact fluorescent exterior fixture	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	1.01	1.00	0.90	0.90	0.95	1.01	0.90	1.00
Compact Fluorescent farm fixture	0.94	0.90	0.94	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Compact fluorescent interior fixture, ceiling fan	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Compact fluorescent interior fixture	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	0.96	1.00	0.90	0.90	0.96	0.96	0.90	1.00
Compact fluorescent interior fixture, recessed can	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Compact fluorescent interior fixture, surface mount	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Relamp/reballast conversion existing fixture	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Circline fluorescent fixture	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Exit signs, LED	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.90	1.00	0.90	0.90	1.05	0.90	0.90	1.00
Generic linear fluorescent tube fixture	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Electronic-Ballast HID	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
High pressure sodium fixture	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.05	0.98	0.90	1.00
Low pressure sodium fixture	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.05	0.98	0.90	1.00
Metal halide fixture normal start	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.05	0.98	0.90	1.00
Metal halide fixture pulse start	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.05	0.98	0.90	1.00
Metal halide track lighting	1.09	1.10	1.09	0.95	1.00	1.10	0.98	1.00	1.00	1.10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
HID fixture, other	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.05	0.98	0.90	1.00
MH Electric Ballast	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
High bay fluorescent fixture	1.09	1.10	1.09	0.95	1.00	1.10	0.98	1.10	1.10	1.10	0.90	0.86	1.00	0.90	0.90	1.05	0.86	0.90	1.00
Linear fluorescent T5	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Linear fluorescent T8	0.80	0.50	0.49	0.45	0.50	0.50	0.98	1.00	1.00	0.50	0.90	0.86	1.00	0.90	0.90	0.00	0.86	0.90	1.00
Linear fluorescent T12	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Linear fluorescent T8, low glare	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Linear fluorescent T8, high efficiency	0.89	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Linear fluorescent T8, indirect	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Linear fluorescent T8, w/reflector	0.89	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Linear fluorescent T8, super	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	0.90	0.86	1.00	0.90	0.90	1.05	0.86	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
LED - Solid State Recessed Downlight	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.19	0.98	0.90	1.00
New T5 High-Bay	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New T5 Indirect	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New T5 Industrial/Strip	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New T5 Troffer/Wrap	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New T5 Vapor Proof	1.04	1.05	1.04	0.95	1.00	1.00	0.98	1.00	1.00	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New Super T8 High-Bay	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New Super T8 Indirect	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New Super T8 Industrial/Strip	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Relamp/Reballast to Super T8	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New Super T8 Troffer/Wrap	1.14	1.15	1.14	0.95	1.00	1.15	0.98	1.00	1.00	1.15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
New Super T8 Vapor Proof	1.04	1.05	1.04	0.95	1.00	1.00	0.98	1.00	1.00	1.05	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2-D fluorescent fixture	0.89	1.00	0.97	0.95	1.00	1.00	0.98	1.00	1.00	1.00	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Traffic signal, LED	0.67	0.67	0.67	0.67	0.67	0.67	0.98	1.00	1.00	0.67	0.67	0.86	1.00	0.90	0.90	1.00	0.86	0.90	1.00
U-Tube fluorescent fixture	0.89	0.70	0.69	0.95	1.00	0.70	0.98	1.00	1.00	0.70	0.90	0.96	1.00	0.90	0.90	1.05	0.96	0.90	1.00
Miscillaneous LEDs	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.19	0.98	0.90	1.00
Other fixture	0.89	1.00	0.97	0.95	1.00	1.00	0.98	1.00	1.00	1.00	0.90	0.86	1.00	0.90	0.90	1.05	0.86	0.90	1.00
Category: Monitoring and Metering																			
Blueline Power Meter - Residential EPP	0.89	0.90	0.89	0.95	1.00	0.90	0.98	1.00	1.00	0.90	0.90	0.98	1.00	0.90	0.90	1.25	0.98	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Motor Controls																			
Motor Controls Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Kitchen Exhaust Hood Controls	0.89	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Variable Frequency Drive, Industrial Process	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Variable frequency drive motor control	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Variable speed drive motor control (non-VFD)	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Variable frequency drive, Snowmaking	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Variable frequency drive, standardized	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor timer control	0.89	1.00	0.97	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom motor control	0.89	1.00	0.97	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Motors																			
Motor, ODP 1 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 2 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 3 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 5 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 10 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 15 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 1.5 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 20 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 25 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 30 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 40 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 50 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 60 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 75 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 7.5 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 100 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 125 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 150 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, ODP 200 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom Snowmaking motor efficiency	0.90	0.90	0.90	1.15	1.15	0.90	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Motor, TEFC 1 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 2 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 3 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 5 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 10 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 15 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 1.5 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Motor, TEFC 20 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 25 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 30 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 40 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 50 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 60 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 75 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 7.5 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 100 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 125 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 150 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Motor, TEFC 200 HP	1.19	1.20	1.19	1.20	1.25	1.20	0.98	1.00	1.00	1.20	1.20	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom motor	0.89	0.98	0.97	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Other Fuel Switch																			
Fuel switch, air conditioner natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, propane air conditioner proane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, industrial process fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, industrial process kerosene	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, industrial process natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, industrial process number 6 oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, industrial process propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, industrial process wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, refrigerator natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, cook stove natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, cook stove propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, dryer natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.70	1.00	0.70	0.70	1.00	0.70	0.90	1.00
Fuel switch, dryer propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.70	1.00	0.70	0.70	1.00	0.70	0.90	1.00
Fuel switch, custom fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, custom kerosene	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, custom natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, custom number 6 oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, custom propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Fuel switch, custom wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Refrigeration																			
Efficient blower fan	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigeration compressor, discus	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigeration compressor, scroll	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Commercial freezer	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Commercial icemaker	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigeration Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Refrigeration compressor	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Commercial refrigerator	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Improve refrigeration controls	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigerator covers	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigeration door heater controls	0.94	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigeration zero energy doors	0.94	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy star freezer	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy star freezer, early replacement	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy star refrigerator, early replacement	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Energy star refrigerator	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.90	1.00	1.00	1.00	0.34	0.90	0.90	1.00
Energy Star CEE Tier 1 refrigerator, incremental cos	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	0.90	1.00	1.00	1.00	0.34	0.90	0.90	1.00
Refrigeration floating head pressure controls	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Refrigeration fan motor controls	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Defrost Control on Refrigeration	0.94	0.95	0.94	0.95	1.00	0.95	0.98	1.00	1.00	0.95	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Refrigerator economizer	0.94	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Plate cooler	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Remove refrigerator/freezer	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Top-third refrigerator	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Vending miser	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom refrigeration	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Space Heat Efficiency																			
Balance distribution	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Clean and tune furnace/boiler	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Space Heat Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Improved space heating controls	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Duct air sealing and insulation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Energy Star heating system	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Furnace fan motor	1.00	1.00	1.00	1.00	1.00	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	0.95	0.95	1.00
Pipe insulation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Setback thermostat	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
VGS Base Rebate	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
WEC Base Rebate	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Mutlizone heating controls	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom space heat efficiency	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Space Heat Fuel Switch																			
Fuel switch, boiler, fuel oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, boiler, natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, boiler, propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, boiler, wood	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, furnace, fuel oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, furnace, natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, furnace, propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, furnace, wood	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, space heater, fuel oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, space heater, kerosene	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, space heater, natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, space heater, propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Fuel switch, space heater, wood	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Indirect heat from DHW system, fuel oil	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Indirect heat from DHW system, natural gas	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00
Indirect heat from DHW system, propane	0.79	0.00	0.84	1.06	1.05	0.00	0.98	0.85	0.85	0.00	0.85	0.50	1.00	1.00	1.00	0.00	0.00	0.80	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Space Heat Replacement																			
Replace boiler, fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace boiler, natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace boiler, propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace boiler, wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace furnace, fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace furnace, natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace furnace, propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace furnace, wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace space heater, fuel oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace space heater, kerosene	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace space heater, natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace space heater, propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Replace space heater, wood	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Category: Service																			
Residential energy audit	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Appliance package bonus	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Vermont Star Home bonus	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Vermont Energy Star Home bonus	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Modular Home Thermal Bypass Inspection Incentiv	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Home energy rating, as built (ABHER)	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Home energy rating, full	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Home energy rating	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Vermont Advantage rating (82.0-85.9)	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Vermont Star rating (86.0+)	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Advance special incentive payment	0.89	0.98	0.95	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.02	1.00	0.98	0.98	1.00	1.02	0.90	1.00
Withheld special incentive payment	0.89	0.98	0.95	1.20	1.25	0.98	0.98	1.00	1.00	0.98	0.90	1.02	1.00	0.98	0.98	1.00	1.02	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Thermal Shell																			
Airsealing	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Energy code compliance	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Comprehensive heating system and shell improvem	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Door improvements	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Attic/ceiling/wall insulation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	1.00	1.00
Insulate and airseal	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Whole-building insulation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Foundation insulation, exterior	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Foundation insulation, interior	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Pasive solar design	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 82 plus attach	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 86 plus attach	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 90 plus attach	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 82 plus detach	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 86 plus detach	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 90 plus detach	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 82 plus multi	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 86 plus multi	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 82 plus mixed	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Rating based space heating savings, 86 plus mixed	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Vermont Star home (OBSOLETE)	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Vermont Advantage home (OBSOLETE)	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Window improvements	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Custom thermal shell	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Ventilation																			
Balanced ventilator, makeup heat electric	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Balanced ventilator, makeup heat oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Balanced ventilator, makeup heat natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Balanced ventilator, makeup heat none	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Balanced ventilator, makeup heat propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Ceiling fan	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Ventilation Commissioning	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Demand controlled ventilation	0.89	0.95	0.94	1.20	1.25	0.95	0.98	1.00	1.00	0.95	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
HRV ventilator, makeup heat electric	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
HRV ventilator, makeup heat oil	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
HRV ventilator, makeup heat natural gas	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
HRV ventilator, makeup heat none	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
HRV ventilator, makeup heat propane	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Mechanical ventilation, unspecified	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Exhaust fan, ceiling	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Exhaust fan, inline	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Exhaust fan, variable speed	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Exhaust fan, wall	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Custom ventilation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.05	1.00	1.00	1.00	1.00	1.05	0.90	1.00
Category: Water conservation																			
Toilet diverter	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Water leak reduction	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Low flow toilet	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Custom water conservation	0.89	1.00	0.94	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00

Measure	C&I RETR	C&I PRES	C&I CUST	C&I A250	C&I NC	C&I UPST	C&I LPLUS	FARM REPL	FARM NC	FARM PRES	MRMF RETR	MRMF NC	LIMF RETR	LIMF REHB	LIMF NC	EP ALL	RNC ALL	REB RETR	REB LISF
Category: Other																			
Master meter conversion	0.89	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Temporary measure code, to be reassigned	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Transformer, efficient	0.89	0.99	0.98	1.20	1.25	0.99	0.98	1.00	1.00	0.99	0.90	1.00	1.00	1.00	1.00	1.00	1.00	0.90	1.00
Other uncategorized efficiency	0.99	1.00	0.99	1.20	1.25	1.00	0.98	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00