True Up 2009: Tracking Estimate Corrections and True Up of 2002-2008 Savings and Generation

May 6, 2009

Introduction

This report presents the 2009 adjustments to reports of Energy Trust-funded energy savings and renewable energy generation for the calendar years 2002-2008. The True Up analysis, which occurs annually, reports the best available current energy savings and generation figures for Energy Trust-funded programs.

This report summarizes **what Energy Trust knows as of *January 31, 2009, about 2002-2008 savings.*** Energy Trust staff are still evaluating 2003 through 2008 savings for some programs, and it is expected that there will be further refinements to 2003-2008 next year.[1]

Summary

The 2009 True Up resulted in a 2.9% decrease in electric savings, to 188 average megawatts, and a 1.3% decrease in natural gas savings to 9.3 million annual therms. Renewable generation remained the same at 97 average megawatts. This resulted in modestly significant changes to the Business Energy Solutions Existing Buildings, Business Energy Solutions New Buildings, and Business Energy Solutions Production Efficiency programs' electric efficiency savings. These changes are the result of higher free-rider rates found in the evaluations completed in 2008.

There were minimal adjustments to savings in the Home Energy Solutions – Existing Homes and Multifamily Home Energy Solutions programs, due to inconclusive impact evaluation results from the evaluations completed in 2008. Evaluation staff continues to work on evaluating the savings from these programs and expects that the results will be included in the 2010 True Up.

Background

Working Savings/Generation are the estimates of savings that are practical for data entry by program personnel as they are approving individual projects. These savings are based upon estimates of the typical savings or generation for prescriptive measures, and on site-specific engineering calculations for custom measures. Prior years' True Up adjustments may be incorporated into estimates of working savings and generation for prescriptive measures, but transmission and distribution line loss savings are not included. In addition, there are no adjustments for free riders (customers who would have installed the measures without the program) or spillover (customers who are influenced by the program but did not take the incentive). These issues are addressed in developing reportable savings.

[1] Savings for most programs are evaluated and finalized through 2006. However, Energy Trust is still working to evaluate the multifamily retrofit program starting in 2003. While initial reports are complete, different methods have produced a range of results, making it difficult to draw conclusions. We are working to draw lessons about methodology for this most difficult of subjects for impact evaluation.

Reportable Savings/Generation are the estimates of savings that will be used for public reporting of Energy Trust results. This includes transmission and delivery loss savings, market effects (free riders and spillover), True Up adjustments (as described below), and any other corrections required to the original working values. These values are updated annually based on new information described through the "True Up" process.

The ***True Up*** adjusts Working Savings/Generation estimates in different programs for different reasons. These fall into the following categories:

1. *Corrections*. Occasionally, through Energy Trust's routine quality assurance processes, transaction errors are discovered in the database, which require corrections. Individual transaction errors (e.g. typos that affect savings) are usually corrected immediately, and generic transaction errors (e.g. wrong deemed savings value for a measure) are easily fixed once per year during the True Up.

2. *New Data***.** Projections are updated based upon improved measure simulations and new data on measure performance.

3. *Anticipated Evaluation Results***.** Experience shows that evaluated estimates of savings and generation are often lower than reportable estimates. Reportable estimates are often based on typical savings for prescriptive measures or "as installed" engineering analysis for custom measures. Impact evaluation uses energy use data and/or improved data on post-installation operation to improve on reportable estimates. However, impact evaluations cannot be completed until well after programs finish a year's activity, because of the need to utilize post-installation energy use data. Based on Board direction in the July, 2004 retreat, staff is attempting to anticipate these effects in reporting savings for programs where there is not yet an evaluation available. These adjustments are based on the results of evaluations for the same program in prior years, where available. For programs that have no prior evaluation, results for similar programs elsewhere are used.

4. *Evaluations***.** When finalized, evaluations provide the most reliable representation of realized savings, and can replace the refined projections based on #2 and #3. Evaluation results may change Energy Trust savings estimates for a single year or all prior years, depending upon which other evaluations have already been performed for prior years, and whether results seem applicable to prior years (similar measures, participants, and circumstances).

Results

For the years 2002-2008, the 2008 True Up resulted in a 2.9% decrease in electric savings to 188 average megawatts, and a 1.3% decrease in natural gas savings to 9.3 million annual therms. Renewable generation remained the same at 97 average megawatts. Adjustments to 2008 were incorporated in the 2008 annual report, as this summary does not modify the 2008 reported results, but only those from prior years. In the adjustments reported, the True Up incorporated modestly significant changes to the following programs:

1. New Program Evaluation Results
    a. Business Energy Solutions – Existing Buildings
    b. Business Energy Solutions – New Buildings
    c. Business Energy Solutions – Production Efficiency
2. Technology specific
    a. Tankless Water Heaters
    b. Heat Pump Commissioning
3. New Data
    a. Northwest Energy Efficiency Alliance

Overall, changes were slightly larger than in prior years because of higher free-rider assumptions in the commercial and industrial programs. The first impact evaluation for Multifamily Home Energy Solutions and the second impact for the Home Energy Solutions – Existing Homes will be completed in 2009, so these evaluations did not impact this True Up.

To summarize, for 2002-2008 electric savings for all programs combined, there were no changes due to error corrections, a .3% increase due to new data, a 1.6% decrease due to anticipated evaluation factors, and a 1.6% decrease due to evaluations. There were no changes to the Transmission and Distribution line-loss estimates in the 2009 True Up or to renewable generation estimates. For 2002-2008 gas savings for all programs combined, there were no net changes due to error corrections, no changes due to new data, a .3% decrease due to anticipated evaluation factors, and a 1% decrease due to evaluations.

Table 11A summarizes the revisions for the years 2002-2008 by sector. Tables' 11B-11H shows the revisions to each sector by year. Appendix A provides revisions by program and year. Discussion of changes follows immediately below.

New Program Evaluation Results

Savings were generally calculated as
Reported savings
x engineering adjustment x
(1-% free riders + %participant spillover + % nonparticipant spillover)

Business Energy Solutions – Existing Buildings Evaluation

Evaluations of 2006-2007 were completed for this program in 2008[2]. The 2009 True Up incorporates the results of these evaluations as evaluation factors for 2006-7 and as an anticipated evaluation factor for 2008[3]. The average evaluation factors[4] for the years 2006 and 2007 were applied directly to 2006-2007. The savings weighted average of the evaluation factors from the 2005, 2006, and 2007 evaluations were then used as the anticipated evaluation factor for 2008[5]. Table 1 summarizes which evaluations have been applied to each program year. Tables 2A and 2B show in detail the various components of the 2006 and 2007 evaluations for gas and electric. Finally, the old and new evaluation factors are shown in the Table 3 along with the impact on each year.

Table 1: BES – Existing Buildings Evaluations

Program	Year	Source	Type of adjustment	Notes
BE	2003	2003 Evaluation	Evaluation factor	Closed in 2007 True Up
BE	2004	2004 Evaluation	Evaluation factor	Closed in 2008 True UP
BE	2005	2005 evaluation	Evaluation factor	Closed in 2008 True UP
BE	2006	Average of 2006-2006 evaluation	Evaluation factor	
BE	2007	Average of 2006-2006 evaluation	Evaluation factor	
BE	2008	Average of 2005-2007 evaluations	Anticipated Eval factor	

Table 2A: 2006-2007 BES-EB Evaluation Factors - Electric

Realization Rate	Net-To-Gross-Ratio (market effects)			RPT ADJ Factor
Engineering adjustment	Free-riders	Participant spillover	Non-Participant Spillover	Evaluation Factor
98%	42%	1%	7%	65%

[2] These evaluations were based on site visits and site metering.
[3] 2003-5 were adjusted with the results of the 2003 and 2004-2005 evaluations in prior True Ups.
[4] The evaluation factor consists of an engineering factor and market effects factor. The market effects factor is made up of free riders and spillover.
[5] Planning and evaluation staff agreed that a 3 year savings weighted average of the most recent three years evaluated would be used as the anticipated evaluation factor where appropriate.

Table 2B: 2006-2007 BES-EB Evaluation Factors - Gas

Realization Rate	Net-To-Gross-Ratio (market effects)			RPT ADJ Factor
Engineering adjustment	Free-riders	Participant spillover	Non-Participant Spillover	Evaluation Factor
97%	34%	1%	7%	71%

Table 3: 2006-2007 BES-Existing Buildings Evaluation Impacts

Year	Old Factor Electric	New Factor Electric	Change in Savings (aMW)	Old Factor – Gas	New Factor Gas	Change in Savings (therms)
2006	0.87	0.65	(.9)	0.74	0.71	(27,404)
2007	0.87	0.65	(.7)	0.74	0.71	(15,457)
2008	0.87	0.76	(.6)	0.74	0.72	(26,157)
		Total	**(2.2)**		**Total**	**(69,018)**

Business Energy Solutions – New Buildings

An evaluation of activity in this program in 2006 was completed in 2008. Energy Trust applied the results of the 2006 evaluation directly to 2006. The savings weighted average of the evaluation factors from the 2005-2006 evaluations were used as the anticipated evaluation factors for 2007-2008[6]. The evaluation factors and anticipated evaluation factors for the gas portion of this program did not change as a result of the 2006 evaluation. Table 4 summarizes which evaluations have been applied to each program year. Table 5A and 5B show in detail the various components of the 2006 evaluation that are used to calculate the evaluation factor for this year. Finally, the old and new evaluation factors are shown in the Table 6 along with the impact on each year.

Table 4: BES – New Buildings Evaluations

Year	Source	Type of adjustment	Notes
2004	2004 Evaluation	Evaluation factor	This program started in 2004, Closed in 2008 True Up
2005	2005 Evaluation	Evaluation factor	Closed in 2008 True Up
2006	2006 Evaluation	Evaluation factor	
2007	2005-2006 Evaluations	Anticipated Eval factor	Left 2004 out of anticipated Evaluation factor calculation
2008	2005-2006 Evaluations	Anticipated Eval factor	Left 2004 out of anticipated Evaluation factor calculation

[6] Due to the low level of activity in 2004, and the fact that this was a start up year, it did not seem appropriate to include 2004 in the anticipated evaluation factor calculation.

Table 5A: 2006 BES – NB Evaluation Factors - Electric

Realization Rate	Net-To-Gross-Ratio			RPT ADJ Factor
Engineering adjustment	Free-riders	Participant spillover	Non-Participant Spillover	Evaluation Factor
102%	41%	1%	0%	61%

Table 5B: 2006 BES - NB Evaluation Factors - Gas

Realization Rate	Net-To-Gross-Ratio			RPT ADJ Factor
Engineering adjustment	Free-riders	Participant spillover	Non-Participant Spillover	Evaluation Factor
105%	34%	1%	0%	70%

Table 6: 2006 BES - NB Evaluation Impacts

Year	Old Factor Electric	New Factor Electric	Change in savings (kWh)	Old Factor gas	New Factor Gas	Change in savings (therms)
2006	0.79	0.61	(.5)	0.70	0.70	NC
2007	0.79	0.66	(.4)	0.70	0.70	NC
2008	0.79	0.66	(.5)	0.70	0.70	NC
		Total	**(1.5)**		**Total**	**NC**

Business Energy Solutions – Production Efficiency

An evaluation of activity in the program for 2006 was completed in 2008. These results are used in place of the draft results of the 2006 evaluation which was used in 2008 True Up. The only substantial difference between the draft 2006 evaluation and the final 2006 evaluation was the way in which free-riders were counted.

Energy Trust applied the results of the 2006 evaluation directly to 2006. The savings weighted average of the evaluation factors from the 2004-2006 evaluations were used as the anticipated evaluation factors for 2007-2008. Table 7 summarizes which evaluations have been applied to each program year. Table 8A shows in detail the various components of the 2006 evaluation. Finally, the old and new evaluation factors are shown in the Table 9 along with the impact on each year.

Table 7: Business Energy Solutions – Production Efficiency Evaluations

Year	Source	Type of adjustment	Notes
2003	2003-2005 PE Evaluation	Evaluation factor	For each year, Energy Trust used the average of all projects types (mega and non-mega) and all years as the evaluation factor. Closed in the 2008 True Up
2004	2003-2005 PE Evaluation	Evaluation factor	
2005	2003-2005 PE Evaluation	Evaluation factor	
2006	2006 PE Evaluation	Evaluation factor	This evaluation was a draft at the time of the 2008 True Up and is updated here.
2007	2004-20066 Evaluations	Anticipated Eval factor	
2008	2004-2006 Evaluations	Anticipated Eval factor	PE used the BE Gas anticipated Evaluation factor for 2008.

Table 8A: 2006 BES – Production Efficiency Evaluation Factors - Electric

Realization Rate	Net-To-Gross-Ratio (market effects)				RPT Adj Factor
Engineering adjustment	Free riders	Participant spillover	Program (study) Spillover	Non-Participant Spillover	Evaluation Factor
102%	18%	1.0%	1.0%		85%

Table 9: 2006 BES – Production Efficiency Evaluation Impacts

Year	Old Factor Electric	New Factor Electric	Change in Savings (aMW)	Old Factor gas	New Factor Gas	Change in Savings (therms)
2006	0.96	0.85	(.9)	N/A	N/A	NC
2007	0.96	0.86	(.6)	N/A	N/A	NC
2008	0.96	0.86	(.9)	0.74	0.72	390
		Total	**(2.4)**		**Total**	**390**

Technology Specific Evaluation Results

Tankless Water Heaters

Based on multiple billing analysis evaluations completed in 2008, Energy Trust adjusted the deemed savings estimate for residential tankless water heaters from 102 annual therms to 65 annual therms. The result of this adjustment was a decrease in residential gas savings of 15,840 therms in 2007 and 33,230 therms in 2008, for a total decrease of just over 49,000 therms. This represents about a 2% decrease in all residential gas savings for the two years impacted.

Heat Pump Commissioning

In 2008, Energy Trust completed an evaluation of the heat pump commissioning pilot that was implemented in 2007. As part of this pilot, existing heat pumps were checked to ensure proper refrigerant charge and flow, and in some cases, cut out and rewiring of the heat strip was performed. The evaluation was unable to detect any savings associated with this pilot. As a

result, the 279,150 kWh (.03 aMW) that had been claimed for this pilot were removed from Energy Trust reportable savings. This represents about a 1% decrease in the Home Energy Solutions savings in 2007.

New Data

Northwest Energy Efficiency Alliance (NEEA)
Since 2005, NEEA has made several enhancements to improve the consistency and reliability of its tracking systems, completed several evaluations, and begun a long-term monitoring process that periodically reports on specific programs. These enhancements have significantly improved both the historical assessment of energy savings, and the projection of expected savings. NEEA is making greater efforts to accurately measure net market effects, including consideration of baseline activity (energy savings that would occur in the absence of NEEA programs) and the impacts of utility incentive programs.

In the 2009 True Up, Energy Trust updated the savings claimed through NEEA's market transformation programs for the years 2005-2007[7] based upon updated savings estimates provided by NEEA. As in the past, Energy Trust takes the regional savings estimates that NEEA provides, and allocates savings to Energy Trust based upon the portion of residential households, commercial loads, and industrial loads that are in Energy Trust service territory, the values of which are 22%, 24%, and 10%, respectively. NEEA's final reporting on their annual savings happens after the True Up is completed, and as a result, reconciliation of final 2008 NEEA estimates will occur next year.

Table 10: 2009 True Up Impact on NEEA program (2005-2007)

	Old Reportable (aMW)	New Reportable (aMW)	Change (aMW)	% change
Commercial				
2005	1.0	0.3	-0.7	-69%
2006	1.1	0.7	-0.4	-36%
2007	0.3	0.8	0.5	156%
Total Comm	*2.4*	*1.8*	*-0.6*	*-25%*
Industrial				
2005	0.03	0.3	0.3	866%
2006	1.1	0.4	-0.7	-63%
2007	1.3	0.3	-1.0	-80%
Total Ind	*2.4*	*0.9*	*-1.5*	*-61%*
Residential				
2005	7.7	5.2	-2.5	-32%
2006	5.1	7.2	2.1	42%
2007	6.0	9.0	3.0	50%
Total Res	*18.8*	*21.5*	*2.7*	*14%*
Total	**23.6**	**24.2**	**0.6**	**3%**

[7] NEEA indicated that there were no additional changes to program years 2002-2004. These years were updated in prior True Ups.

Results Summary – 2009 True Up Impacts by Sector by Year

In the following tables, the difference between "old reportable" and "new reportable" serves as the updates provided in the 2009 True Up from prior reportable estimates. In the following tables, Annual kWh and Annual Therms indicate that the measure saves or generates one kWh or therm for each year of its life. An Average Megawatt means that loads are reduced by an average of one Megawatt during each year of the measure's life. In the summary table, zero change may not imply that there were no corrections, only that the corrections may not be significant enough to show due to rounding.

TABLE 11A: SUMMARY FOR 2002 – 2008

	Old Reportable	New Reportable	% Change
	Electric- Average Megawatts		
Elec. Efficiency	**193.6**	**188.1**	**-2.9%**
Residential	71.51	74.2	3.7%
Commercial	49.1	45.0	-8.3%
Industrial	73.0	68.8	-5.8%
Renewables	**97.1**	**97.1**	**0.0%**
	Gas- Million Annual Therms		
Gas Efficiency	**9.4**	**9.3**	**-1.3%**
Residential	5.1	5.1	-1.0%
Commercial	4.2	4.2	-1.6%
Industrial	.02	.02	-3.2%

TABLE 11B: 2008 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Conservative Goal	% of Goal Achieved
	Electric- Average Megawatts				
Elec. Efficiency	**34.17**	**32.11**	**-6.0%**	**26.68**	**120%**
Residential	14.92	14.92	-0.01%	12.07	124%
Commercial	8.94	7.79	-12.8%	6.51	120%
Industrial	10.32	9.40	-8.9%	8.10	116%
Renewables	**33.30**	**33.30**	**0.00%**	**8.84**	**377%**
	Gas- Million Annual Therms				
Gas Efficiency	**2.63**	**2.57**	**-2.3%**	**1.71**	**148%**
Residential	1.386	1.353	-2.4%	1.00	135%
Commercial	1.233	1.207	-2.1%	0.71	171%
Industrial	0.013	0.013	-3.0%	0.03	43%

TABLE 11C: 2007 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Conservative Goal	% of Goal Achieved
	Electric- Average Megawatts				
Elec. Efficiency	**35.23**	**35.90**	**1.9%**	**24.60**	**146%**
Residential	12.81	15.79	23.3%	8.90	177%
Commercial	6.14	5.47	-10.9%	4.60	119%
Industrial	16.28	14.63	-10.1%	11.10	132%
Renewables	**46.93**	**46.93**	**0.0%**	**114.90**	**41%**
	Gas- Million Annual Therms				
Gas Efficiency	**2.25**	**2.22**	**-1.4%**	**2.42**	**92%**
Residential	1.108	1.092	-1.4%	1.45	75%
Commercial	1.137	1.121	-1.7%	0.97	115%
Industrial	0.003	0.003	-4.0%	N/A	N/A

TABLE 11D: 2006 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Conservative Goal	% of Goal Achieved
	Electric- Average Megawatts				
Elec. Efficiency	**26.38**	**25.15**	**-4.7%**	**16.15**	**156%**
Residential	10.01	12.15	21.3%	6.38	190%
Commercial	6.98	5.20	-25.4%	3.68	141%
Industrial	9.40	7.80	-17.0%	6.09	128%
Renewables	**1.99**	**1.99**	**0.0%**	**32.98**	**6%**
	Gas- Million Annual Therms				
Gas Efficiency	**2.39**	**2.36**	**-1.2%**	**2.56**	**92%**
Residential	1.051	1.051	0.0%	1.12	94%
Commercial	1.334	1.307	-2.1%	1.43	91%

TABLE 11E: 2005 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Conservative Goal	% of Goal Achieved
	Electric- Average Megawatts				
Elec. Efficiency	**39.79**	**36.91**	**-7.3%**	**32.00**	**115%**
Residential	11.64	9.18	-21.1%	5.60	164%
Commercial	8.24	7.55	-8.3%	6.00	126%
Industrial	19.92	20.18	1.3%	20.20	100%
Renewables	**0.46**	**0.46**	**0.0%**	**26.60**	**2%**
	Gas- Million Annual Therms				
Gas Efficiency	**1.29**	**1.29**	**0.0%**	**1.30**	**100%**
Residential	0.86	0.86	0.0%	0.90	95%
Commercial	0.44	0.44	0.0%	0.40	110%

TABLE 11F: 2004 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Projection	% of Goal Achieved
	Electric- Average Megawatts				
Elec. Efficiency	**26.91**	**26.91**	**0.0%**	**30**	**90%**
Residential	9.69	9.69	0.0%	4	242%
Commercial	7.38	7.38	0.0%	6.4	115%
Industrial	9.83	9.83	0.0%	19	52%
Renewables	**0.09**	**0.09**	**0.0%**	**22**	**0.40%**
	Gas- Million Annual Therms				
Gas Efficiency	**0.66**	**0.66**	**0.0%**	**2.3**	**29%**
Residential	0.58	0.58	0.0%	0.9	65%
Commercial	0.08	0.08	0.0%	1.4	5%

TABLE 11G: 2003 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Projection	% of Goal Achieved
	Electric- Average Megawatts				
Elec. Efficiency	**16.06**	**16.06**	**0.0%**	**33**	**49%**
Residential	6.73	6.73	0.0%	7.5	90%
Commercial	5.76	5.76	0.0%	13	44%
Industrial	3.57	3.57	0.0%	13	27%
Renewables	**14.29**	**14.29**	**0.0%**	**18**	**79%**
	Gas- Million Annual Therms				
Gas Efficiency	**0.15**	**0.15**	**0.0%**	**None**	
Residential	0.15	0.15	**0.0%**	None	
Commercial	0.0024	0.0024	**0.0%**	None	

TABLE 11H: 2002 SUMMARY

	Old Reportable	New Reportable	% Change	Action Plan Projection
	Electric- Average Megawatts			
Elec. Efficiency	**15.04**	**15.04**	**0.0%**	**None**
Residential	5.72	5.72	0.0%	None
Commercial	5.89	5.89	0.0%	None
Industrial	3.43	3.43	0.0%	None
Renewables	**0.002**	**0.002**	**0.0%**	**None**

Appendix A: Detailed 2009 True Up Impacts

4/22/2009

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

1

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2002									
Efficiency									
Commercial									
GLED	Green LED Traffic Lights Pilot	**1,631,982.00**	**1,631,982.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NCI	NEEA Commercial Market	**6,676,750.00**	**6,676,750.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
REST	Restaurant Pilot Program	**33,000.00**	**33,000.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTE	Utility Transition - Commercial	**39,238,166.00**	**39,238,166.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTN	Utility Transition - Commercial New	**3,997,452.00**	**3,997,452.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Commercial	**51,577,350.00**	**51,577,350.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
Industrial									
NIP	NEEA Industrial Market	**4,304,670.00**	**4,304,670.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTI	Utility Transition - Industrial Process	**25,759,290.00**	**25,759,290.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Industrial	**30,063,960.00**	**30,063,960.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
Residential									
MOB	Mobile Home Duct Sealing Pilot	**561,834.00**	**561,834.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NR	NEEA Residential Market	**41,635,950.00**	**41,635,950.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTR	Utility Transition - Residential	**7,903,091.00**	**7,903,091.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Residential	**50,100,875.00**	**50,100,875.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Efficiency Total	**131,742,185.00**	**131,742,185.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
Renewables									
Renewables									
OP	Open Solicitation	**21,500.00**	**21,500.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables	**21,500.00**	**21,500.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables Total	**21,500.00**	**21,500.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
2002 Efficiency & Renewables	kWh	131,763,685.00	131,763,685.00	0	0.00%	0.00	0.00	0.00	0.00%
	aMW	15.04	15.04	0.00	0.00%				

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2003									
Efficiency									
Commercial									
BE	Existing Buildings	**9,190,336.00**	**9,190,336.00**	**0.00**	0.00	**2,422.50**	**2,422.50**	**0.00**	0.00
BTO	Operations and Maintenance	**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
GLED	Green LED Traffic Lights Pilot	**75,115.00**	**75,115.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
LED	LED Traffic Signal Program	**933,381.00**	**933,381.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NCI	NEEA Commercial Market	**9,303,024.00**	**9,303,024.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
REST	Restaurant Pilot Program	**264,000.00**	**264,000.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SELP	Small Scale Energy Loan Pilot	**242,838.00**	**242,838.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTE	Utility Transition - Commercial	**24,317,616.00**	**24,317,616.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTN	Utility Transition - Commercial New	**6,115,768.00**	**6,115,768.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Commercial	**50,442,078.00**	**50,442,078.00**	**0.00**	0.00	**2,422.50**	**2,422.50**	**0.00**	0.00
Industrial									
NIP	NEEA Industrial Market	**816,948.00**	**816,948.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
PEF	Production Efficiency	**386,877.00**	**386,877.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTI	Utility Transition - Industrial Process	**30,096,039.00**	**30,096,039.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Industrial	**31,299,864.00**	**31,299,864.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
Residential									
DYS	Double Your Savings	**1,214,206.00**	**1,214,206.00**	**0.00**	0.00	**13,593.00**	**13,593.00**	**0.00**	0.00
HES	Existing Single Family	**4,057,567.00**	**4,057,567.00**	**0.00**	0.00	**134,810.38**	**134,810.38**	**0.00**	0.00
MHS	Existing Multifamily	**2,587,839.00**	**2,587,839.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
MOB	Mobile Home Duct Sealing Pilot	**19,750.00**	**19,750.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NR	NEEA Residential Market	**49,004,520.00**	**49,004,520.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTR	Utility Transition - Residential	**2,085,396.00**	**2,085,396.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Residential	**58,969,278.00**	**58,969,278.00**	**0.00**	0.00	**148,403.38**	**148,403.38**	**0.00**	0.00
	Efficiency Total	**140,711,220.00**	**140,711,220.00**	**0.00**	0.00	**150,825.88**	**150,825.88**	**0.00**	0.00
Renewables									
Renewables									
OP	Open Solicitation	**124,777.00**	**124,777.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
REN	Utility Scale	**124,830,000.00**	**124,830,000.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLE	Solar Electric (Photovoltaic)	**251,294.00**	**251,294.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables	**125,206,071.00**	**125,206,071.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables Total	**125,206,071.00**	**125,206,071.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
2003 Efficiency & Renewables	kWh	265,917,291.00	265,917,291.00	0	0.00%	150,825.88	150,825.88	0.00	0.00%
	aMW	30.36	30.36	0.00	0.00%				

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2004									
Efficiency									
Commercial									
BE	Existing Buildings	**35,973,336.00**	**35,973,336.00**	**0.00**	0.00	**44,963.78**	**44,963.78**	**0.00**	0.00
BTO	Operations and Maintenance	**1,136,674.00**	**1,136,674.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
LED	LED Traffic Signal Program	**2,943,875.00**	**2,943,875.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NBE	New Buildings	**603,732.00**	**603,732.00**	**0.00**	0.00	**24,971.97**	**24,971.97**	**0.00**	0.00
NCI	NEEA Commercial Market	**10,019,136.00**	**10,019,136.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLWC	Solar Water Heating - Commercial	**19,635.00**	**19,635.00**	**0.00**	0.00	**5,777.00**	**5,777.00**	**0.00**	0.00
UTE	Utility Transition - Commercial	**11,608,322.00**	**11,608,322.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTN	Utility Transition - Commercial New	**2,363,549.00**	**2,363,549.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Commercial	**64,668,259.00**	**64,668,259.00**	**0.00**	0.00	**75,712.75**	**75,712.75**	**0.00**	0.00
Industrial									
NIP	NEEA Industrial Market	**720,996.00**	**720,996.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
PEF	Production Efficiency	**83,056,009.00**	**83,056,009.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
UTI	Utility Transition - Industrial Process	**2,358,808.00**	**2,358,808.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Industrial	**86,135,813.00**	**86,135,813.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
Residential									
EHP	Products	**2,971,431.00**	**2,971,431.00**	**0.00**	0.00	**27,963.30**	**27,963.30**	**0.00**	0.00
ENH	New Homes	**5,378.00**	**5,378.00**	**0.00**	0.00	**2,230.00**	**2,230.00**	**0.00**	0.00
HES	Existing Single Family	**4,646,922.00**	**4,646,922.00**	**0.00**	0.00	**523,347.52**	**523,347.52**	**0.00**	0.00
MHS	Existing Multifamily	**8,776,466.00**	**8,776,466.00**	**0.00**	0.00	**23,269.37**	**23,269.37**	**0.00**	0.00
NR	NEEA Residential Market	**68,097,180.00**	**68,097,180.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SHO	SHOW	**19,401.00**	**19,401.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLWR	Solar Water Heating - Residential	**52,737.00**	**52,737.00**	**0.00**	0.00	**5,223.00**	**5,223.00**	**0.00**	0.00
UTR	Utility Transition - Residential	**329,318.00**	**329,318.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Residential	**84,898,833.00**	**84,898,833.00**	**0.00**	0.00	**582,033.19**	**582,033.19**	**0.00**	0.00
	Efficiency Total	**235,702,905.00**	**235,702,905.00**	**0.00**	0.00	**657,745.94**	**657,745.94**	**0.00**	0.00
Renewables									
Renewables									
OP	Open Solicitation	**266,960.00**	**266,960.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLE	Solar Electric (Photovoltaic)	**518,677.00**	**518,677.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables	**785,637.00**	**785,637.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables Total	**785,637.00**	**785,637.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
2004 Efficiency & Renewables	kWh	236,488,542.00	236,488,542.00	0	0.00%	657,745.94	657,745.94	0.00	0.00%
	aMW	27.00	27.00	0.00	0.00%				

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2005									
Efficiency									
Commercial									
BE	Existing Buildings	**52,589,208.00**	**52,589,208.00**	**0.00**	0.00	**400,845.36**	**400,845.36**	**0.00**	0.00
BTO	Operations and Maintenance	**723,338.00**	**723,338.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
LED	LED Traffic Signal Program	**2,821,605.00**	**2,821,605.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NBE	New Buildings	**7,304,329.00**	**7,304,329.00**	**0.00**	0.00	**33,749.40**	**33,749.40**	**0.00**	0.00
NCI	NEEA Commercial Market	**8,669,411.00**	**2,687,519.00**	**-5,981,892.00**	-69.00	**0.00**	**0.00**	**0.00**	0.00
SLWC	Solar Water Heating - Commercial	**35,189.00**	**35,189.00**	**0.00**	0.00	**3,874.00**	**3,874.00**	**0.00**	0.00
	Commercial	**72,143,080.00**	**66,161,188.00**	**-5,981,892.00**	-8.29	**438,468.76**	**438,468.76**	**0.00**	0.00
Industrial									
IR	Irrigation	**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NIP	NEEA Industrial Market	**257,795.00**	**2,490,301.00**	**2,232,506.00**	866.00	**0.00**	**0.00**	**0.00**	0.00
PEF	Production Efficiency	**174,255,336.00**	**174,255,336.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Industrial	**174,513,131.00**	**176,745,637.00**	**2,232,506.00**	1.28	**0.00**	**0.00**	**0.00**	0.00
Residential									
EHP	Products	**15,650,504.00**	**15,650,504.00**	**0.00**	0.00	**108,859.12**	**108,859.12**	**0.00**	0.00
EMH	New Manufactured Homes	**35,841.00**	**35,841.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
ENH	New Homes	**1,014,586.00**	**1,014,586.00**	**0.00**	0.00	**91,989.70**	**91,989.70**	**0.00**	0.00
HES	Existing Single Family	**3,546,403.00**	**3,546,403.00**	**0.00**	0.00	**573,441.57**	**573,441.57**	**0.00**	0.00
MHS	Existing Multifamily	**14,149,224.00**	**14,149,224.00**	**0.00**	0.00	**66,572.07**	**66,572.07**	**0.00**	0.00
NR	NEEA Residential Market	**67,213,910.00**	**45,705,460.00**	**-21,508,450.00**	-32.00	**0.00**	**0.00**	**0.00**	0.00
SHO	SHOW	**185,310.00**	**185,310.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLWR	Solar Water Heating - Residential	**146,615.00**	**146,615.00**	**0.00**	0.00	**14,810.00**	**14,810.00**	**0.00**	0.00
	Residential	**101,942,393.00**	**80,433,943.00**	**-21,508,450.00**	-21.10	**855,672.46**	**855,672.46**	**0.00**	0.00
	Efficiency Total	**348,598,604.00**	**323,340,768.00**	**-25,257,836.00**	-7.25	**1,294,141.22**	**1,294,141.22**	**0.00**	0.00
Renewables									
Renewables									
BIO	Biopower	**3,556,300.00**	**3,556,300.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
OP	Open Solicitation	**12,746.00**	**12,746.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLE	Solar Electric (Photovoltaic)	**484,246.00**	**484,246.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SMW	Wind	**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables	**4,053,292.00**	**4,053,292.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables Total	**4,053,292.00**	**4,053,292.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
2005 Efficiency & Renewables	kWh	352,651,896.00	327,394,060.00	-25,257,836	-7.16%	1,294,141.22	1,294,141.22	0.00	0.00%
	aMW	40.26	37.37	-2.88	-7.16%				

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

Efficiency & Renewables

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2006									
Efficiency									
Commercial									
BE	Existing Buildings	**30,094,264.00**	**22,570,969.00**	**-7,523,295.00**	-25.00	**685,062.32**	**657,658.05**	**-27,404.27**	-4.00
BTO	Operations and Maintenance	**1,642,624.00**	**1,642,624.00**	**0.00**	0.00	**40,178.70**	**40,178.70**	**0.00**	0.00
NBE	New Buildings	**19,624,341.00**	**15,110,760.00**	**-4,513,581.00**	-23.00	**604,741.65**	**604,741.65**	**0.00**	0.00
NCI	NEEA Commercial Market	**9,753,468.00**	**6,242,219.00**	**-3,511,249.00**	-36.00	**0.00**	**0.00**	**0.00**	0.00
SLB	Existing Buildings Solar WH	**0.00**	**0.00**	**0.00**	0.00	**4,189.50**	**4,189.50**	**0.00**	0.00
	Commercial	**61,114,697.00**	**45,566,572.00**	**-15,548,125.00**	-25.44	**1,334,172.17**	**1,306,767.90**	**-27,404.27**	-2.05
Industrial									
IR	Irrigation	**53,710.00**	**53,710.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NIP	NEEA Industrial Market	**9,466,283.00**	**3,502,525.00**	**-5,963,758.00**	-63.00	**0.00**	**0.00**	**0.00**	0.00
PEF	Production Efficiency	**72,793,848.00**	**64,786,517.00**	**-8,007,331.00**	-11.00	**0.00**	**0.00**	**0.00**	0.00
	Industrial	**82,313,841.00**	**68,342,752.00**	**-13,971,089.00**	-16.97	**0.00**	**0.00**	**0.00**	0.00
Residential									
EHP	Products	**23,781,599.00**	**23,781,599.00**	**0.00**	0.00	**152,498.98**	**152,498.98**	**0.00**	0.00
EMH	New Manufactured Homes	**1,166,176.00**	**1,166,176.00**	**0.00**	0.00	**3,277.00**	**3,277.00**	**0.00**	0.00
ENH	New Homes	**3,200,116.00**	**3,200,116.00**	**0.00**	0.00	**233,221.80**	**233,221.80**	**0.00**	0.00
HES	Existing Single Family	**5,960,461.00**	**5,960,461.00**	**0.00**	0.00	**585,089.60**	**585,089.60**	**0.00**	0.00
HPF	Existing Single Family Home	**7,494.00**	**7,494.00**	**0.00**	0.00	**2,596.19**	**2,596.19**	**0.00**	0.00
MHS	Existing Multifamily	**8,551,943.00**	**8,551,943.00**	**0.00**	0.00	**47,806.84**	**47,806.84**	**0.00**	0.00
NR	NEEA Residential Market	**44,543,636.00**	**63,251,964.00**	**18,708,328.00**	42.00	**0.00**	**0.00**	**0.00**	0.00
SHO	SHOW	**243,405.00**	**243,405.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLF	New Homes Solar WH	**0.00**	**0.00**	**0.00**	0.00	**322.00**	**322.00**	**0.00**	0.00
SLH	Existing Homes Solar WH	**229,785.00**	**229,785.00**	**0.00**	0.00	**26,447.80**	**26,447.80**	**0.00**	0.00
SLWR	Solar Water Heating - Residential	**34.00**	**34.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Residential	**87,684,649.00**	**106,392,977.00**	**18,708,328.00**	21.34	**1,051,260.21**	**1,051,260.21**	**0.00**	0.00
	Efficiency Total	**231,113,187.00**	**220,302,301.00**	**-10,810,886.00**	-4.68	**2,385,432.38**	**2,358,028.11**	**-27,404.27**	-1.15
Renewables									
Renewables									
BIO	Biopower	**16,714,080.00**	**16,714,080.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
OP	Open Solicitation	**49,641.00**	**49,641.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLE	Solar Electric (Photovoltaic)	**700,219.00**	**700,219.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SMW	Wind	**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables	**17,463,940.00**	**17,463,940.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	Renewables Total	**17,463,940.00**	**17,463,940.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
2006	kWh	248,577,127.00	237,766,241.00	-10,810,886	-4.35%	2,385,432.38	2,358,028.11	-27,404.27	-1.15%
	aMW	28.38	27.14	-1.23	-4.35%				

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2007									
Efficiency									
Commercial									
BE	Existing Buildings	**25,477,161.00**	**19,108,264.00**	**-6,368,897.00**	-25.00	**386,420.95**	**370,963.98**	**-15,456.97**	-4.00
BTO	Operations and Maintenance	**2,995,144.00**	**2,995,144.00**	**0.00**	0.00	**207,604.00**	**207,604.00**	**0.00**	0.00
NBE	New Buildings	**22,655,792.00**	**19,030,848.00**	**-3,624,944.00**	-16.00	**537,601.38**	**537,601.38**	**0.00**	0.00
NCI	NEEA Commercial Market	**2,642,763.00**	**6,765,474.00**	**4,122,711.00**	156.00	**0.00**	**0.00**	**0.00**	0.00
SLB	Existing Buildings Solar WH	**58,073.00**	**58,073.00**	**0.00**	0.00	**4,806.00**	**4,806.00**	**0.00**	0.00
SLN	New Buildings Solar WH	**0.00**	**0.00**	**0.00**	0.00	**519.00**	**519.00**	**0.00**	0.00
	Commercial	**53,828,933.00**	**47,957,803.00**	**-5,871,130.00**	-10.91	**1,136,951.33**	**1,121,494.36**	**-15,456.97**	-1.36
Industrial									
IR	Irrigation	**214,060.00**	**214,060.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NIP	NEEA Industrial Market	**11,431,747.00**	**2,286,349.00**	**-9,145,398.00**	-80.00	**0.00**	**0.00**	**0.00**	0.00
PEF	Production Efficiency	**130,963,498.00**	**125,650,684.00**	**-5,312,814.00**	-4.06	**3,102.08**	**2,978.00**	**-124.08**	-4.00
	Industrial	**142,609,305.00**	**128,151,093.00**	**-14,458,212.00**	-10.14	**3,102.08**	**2,978.00**	**-124.08**	-4.00
Residential									
EHP	Products	**38,044,407.00**	**38,044,407.00**	**0.00**	0.00	**53,799.42**	**53,799.42**	**0.00**	0.00
EMH	New Manufactured Homes	**682,894.00**	**682,894.00**	**0.00**	0.00	**4,901.00**	**4,901.00**	**0.00**	0.00
ENH	New Homes	**1,345,042.00**	**1,345,042.00**	**0.00**	0.00	**277,731.40**	**274,620.40**	**-3,111.00**	-1.12
HES	Existing Single Family	**10,214,829.00**	**9,980,809.00**	**-234,020.00**	-2.29	**696,487.30**	**683,806.66**	**-12,680.64**	-1.82
HPF	Existing Single Family Home	**26,134.00**	**26,134.00**	**0.00**	0.00	**15,238.83**	**15,212.19**	**-26.64**	-0.17
LIR	Low Income Refrigerator Pilot	**250,774.00**	**250,774.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
MHS	Existing Multifamily	**7,601,088.00**	**7,601,088.00**	**0.00**	0.00	**29,164.66**	**29,142.66**	**-22.00**	-0.08
NEX	Home Energy Analyzer (NEXUS)	**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NR	NEEA Residential Market	**52,785,439.00**	**79,178,161.00**	**26,392,722.00**	50.00	**0.00**	**0.00**	**0.00**	0.00
SHO	SHOW	**355,595.00**	**355,595.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLF	New Homes Solar WH	**98,837.00**	**98,837.00**	**0.00**	0.00	**156.00**	**156.00**	**0.00**	0.00
SLH	Existing Homes Solar WH	**283,786.00**	**283,786.00**	**0.00**	0.00	**30,030.90**	**30,030.90**	**0.00**	0.00
XMH	Existing Manufactured Homes	**514,147.00**	**488,174.00**	**-25,973.00**	-5.05	**665.36**	**665.36**	**0.00**	0.00
	Residential	**112,202,972.00**	**138,335,701.00**	**26,132,729.00**	23.29	**1,108,174.87**	**1,092,334.59**	**-15,840.28**	-1.43
	Efficiency Total	**308,641,210.00**	**314,444,597.00**	**5,803,387.00**	1.88	**2,248,228.28**	**2,216,806.95**	**-31,421.33**	-1.40

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL			Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
Renewables										
Renewables										
BIO	Biopower		**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
OP	Open Solicitation		**49,500.00**	**49,500.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
REN	Utility Scale		**409,741,992.00**	**409,741,992.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLE	Solar Electric (Photovoltaic)		**1,289,233.00**	**1,289,233.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SMW	Wind		**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
		Renewables	**411,080,725.00**	**411,080,725.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
		Renewables Total	**411,080,725.00**	**411,080,725.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	2007 Efficiency & Renewables	kWh	719,721,935.00	725,525,322.00	5,803,387	0.81%	2,248,228.28	2,216,806.95	-31,421.33	-1.40%
		aMW	82.16	82.82	0.66	0.81%				

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL		Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
2008									
Efficiency									
Commercial									
BE	Existing Buildings	**40,681,717.00**	**35,393,130.00**	**-5,288,587.00**	-13.00	**871,904.79**	**845,747.83**	**-26,156.96**	-3.00
BTO	Operations and Maintenance	**4,556,374.00**	**4,556,374.00**	**0.00**	0.00	**26,230.00**	**26,230.00**	**0.00**	0.00
NBE	New Buildings	**29,661,284.00**	**24,915,489.00**	**-4,745,795.00**	-16.00	**327,074.33**	**327,074.33**	**0.00**	0.00
NCI	NEEA Commercial Market	**3,323,221.00**	**3,323,221.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLB	Existing Buildings Solar WH	**7,461.00**	**7,461.00**	**0.00**	0.00	**7,309.00**	**7,309.00**	**0.00**	0.00
SLN	New Buildings Solar WH	**49,509.00**	**49,509.00**	**0.00**	0.00	**955.00**	**955.00**	**0.00**	0.00
	Commercial	**78,279,566.00**	**68,245,184.00**	**-10,034,382.00**	-12.82	**1,233,473.12**	**1,207,316.16**	**-26,156.96**	-2.12
Industrial									
NIP	NEEA Industrial Market	**10,007,118.00**	**10,007,118.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
PEF	Production Efficiency	**33,413,174.00**	**30,071,925.00**	**-3,341,249.00**	-10.00	**12,990.06**	**12,600.35**	**-389.71**	-3.00
PEL	Production Efficiency, Large	**46,942,224.00**	**42,248,022.00**	**-4,694,202.00**	-10.00	**0.00**	**0.00**	**0.00**	0.00
	Industrial	**90,362,516.00**	**82,327,065.00**	**-8,035,451.00**	-8.89	**12,990.06**	**12,600.35**	**-389.71**	-3.00
Residential									
EHP	Products	**47,811,265.00**	**47,811,265.00**	**0.00**	0.00	**52,456.17**	**52,456.17**	**0.00**	0.00
EMH	New Manufactured Homes	**1,225,601.00**	**1,225,601.00**	**0.00**	0.00	**3,851.00**	**3,851.00**	**0.00**	0.00
ENH	New Homes	**1,331,973.00**	**1,331,973.00**	**0.00**	0.00	**268,783.43**	**259,718.43**	**-9,065.00**	-3.37
HES	Existing Single Family	**14,548,154.00**	**14,535,225.00**	**-12,929.00**	-0.09	**870,373.99**	**846,291.43**	**-24,082.56**	-2.77
HPF	Existing Single Family Home	**92,995.00**	**92,068.00**	**-927.00**	-1.00	**35,527.94**	**35,456.54**	**-71.40**	-0.20
HPP	Efficient Home Products Pilot	**108,240.00**	**108,240.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
LIR	Low Income Refrigerator Pilot	**85,705.00**	**85,705.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
MHS	Existing Multifamily	**11,435,218.00**	**11,435,218.00**	**0.00**	0.00	**52,085.67**	**52,074.67**	**-11.00**	-0.02
NEX	Home Energy Analyzer (NEXUS)	**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
NMF	New Multifamily	**131,134.00**	**131,134.00**	**0.00**	0.00	**2,778.00**	**2,778.00**	**0.00**	0.00
NR	NEEA Residential Market	**50,217,031.00**	**50,217,031.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SFP	Existing Single Family Pilots	**2,213,177.00**	**2,213,177.00**	**0.00**	0.00	**78,520.00**	**78,520.00**	**0.00**	0.00
SHO	SHOW	**229,764.00**	**229,764.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLF	New Homes Solar WH	**47,723.00**	**47,723.00**	**0.00**	0.00	**1,666.85**	**1,666.85**	**0.00**	0.00
SLH	Existing Homes Solar WH	**317,826.00**	**317,826.00**	**0.00**	0.00	**17,755.00**	**17,755.00**	**0.00**	0.00
XMH	Existing Manufactured Homes	**917,148.00**	**911,841.00**	**-5,307.00**	-0.58	**2,646.86**	**2,646.86**	**0.00**	0.00
	Residential	**130,712,954.00**	**130,693,791.00**	**-19,163.00**	-0.01	**1,386,444.91**	**1,353,214.95**	**-33,229.96**	-2.40
	Efficiency Total	**299,355,036.00**	**281,266,040.00**	**-18,088,996.00**	-6.04	**2,632,908.09**	**2,573,131.46**	**-59,776.63**	-2.27

2008 True-up Results by Year by Provider and Program
Excluding Out of Service Providers

ALL			Unadjusted Savings/Generation (annual kWh)	Adjusted Savings/ Generation (annual kWh)	Change (annual kWh)	Change (%)	Unadjusted Savings/ Generation (annual therm)	Adjusted Savings/ Generation (annual therm)	Change (annual therm)	Change (%)
Renewables										
Renewables										
BIO	Biopower		**23,548,451.00**	**23,548,451.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
OP	Open Solicitation		**873,620.00**	**873,620.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
REN	Utility Scale		**263,676,000.00**	**263,676,000.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SLE	Solar Electric (Photovoltaic)		**3,597,865.00**	**3,597,865.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
SMW	Wind		**0.00**	**0.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
VSW	Small Wind		**32,010.00**	**32,010.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
		Renewables	**291,727,946.00**	**291,727,946.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
		Renewables Total	**291,727,946.00**	**291,727,946.00**	**0.00**	0.00	**0.00**	**0.00**	**0.00**	0.00
	2008 Efficiency & Renewables	kWh	591,082,982.00	572,993,986.00	-18,088,996	-3.06%	2,632,908.09	2,573,131.46	-59,776.63	-2.27%
		aMW	67.48	65.41	-2.06	-3.06%				
	Efficiency		1,695,864,347.00	1,647,510,016.00	-48,354,331.00		9,369,281.79	9,250,679.56	-118,602.23	
	Renewables		850,339,111.00	850,339,111.00	0.00		0.00	0.00	0.00	
	2002-2008 Total	kWh	2,546,203,458.00	2,497,849,127.00	-48,354,331.00	-1.90%	9,369,281.79	9,250,679.56	-118,602.23	-1.27%
		aMW	290.66	285.14	-5.52	-1.90%				