FirstEnergy

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January 15, 2010

VIA OVERNIGHT FEDERAL EXPRESS

RECEIVED
JAN 15 2010
PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

James J. McNulty, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

Re: Joint Petition for Consolidation of Proceedings and Approval of Energy Efficiency and Conservation Plans of Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company
Docket Nos. M-2009-2092222, M-2009-2112952, M-2009-2112956

Dear Secretary McNulty:

On behalf of Metropolitan Edison Company ("Met-Ed"), Pennsylvania Electric Company ("Penelec") and Pennsylvania Power Company ("Penn Power"), enclosed for filing please find an original plus twelve (12) copies of each of the following documents:

- Corrected, black-lined pages to be inserted in place of the same pages that were included in Met-Ed's corrected, Modified Energy Efficiency and Conservation Plan filed on December 23, 2009.

- Corrected, black-lined pages to be inserted in place of the same pages that were included in Penelec's corrected, Modified Energy Efficiency and Conservation Plan filed on December 23, 2009.

- Corrected, black-lined pages to be inserted in place of the same pages that were included in Penn Power's corrected, Modified Energy Efficiency and Conservation Plan filed on December 23, 2009.

- Letter from Mr. John E. Paganie, Vice President, Customer Service and Energy Efficiency, explaining the submission of the corrected, black-lined pages described above.

Copies of the filing have been served in accordance with the attached Certificate of Service. Please date stamp the extra copy and return it in the postage-prepaid envelope provided.

January 15, 2010

Please contact me if you have any questions.

Very truly yours,

Kathy J. Kolich
Senior Attorney

dlm
Enclosures

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SECRETARY'S BUREAU

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John E. Paganie
Vice President

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To the Public Utility Commission of Pennsylvania:

Based on the December 31, 2009 Office of Small Business Advocate ("OSBA") comments regarding the redlining of certain documents submitted in the above referenced dockets, Metropolitan Edison Company ("Met-Ed"), Pennsylvania Electric Company ("Penelec") and Pennsylvania Power Company ("Penn Power") ("the Companies") again reviewed the black-lined versions of their Modified Energy Efficiency and Conservation ("EE&C") Plans previously filed on December 23, 2009, which compared the Companies' September 21, 2009 and December 2, 2009 filings. Due to the fact that there was no automatic comparison mechanism for the tables included in the EE&C Plans, the black-lining of these tables that was conducted for the December 23, 2009 filing had to be done manually. Upon further review of the December 23, 2009 black-lined versions submitted to the Commission, it was discovered that the formatting between the two filings was different, thus resulting in certain words and values being displayed differently in the two documents. The Companies were unaware of this anomaly and, because these documents had already been reviewed, there were changes that went undetected in the December 23, 2009 black-lined versions of the Plans that were submitted to the Commission.

Also during this review, the Companies discovered that Tables 5, 6A, 6B and 6C in the body of the Penelec filing had minor differences from the same tables which were correctly presented in Appendix G. This was not discovered during the proceeding by the Companies or by any party and was only detected during this latest review. While the black-lined version submitted on December 23, 2009 reflected the changes based on a comparison of the same pages included in Penelec's September and December plans, minor differences from Appendix G did not flow through to these tables that had already been copied into the body of the document.

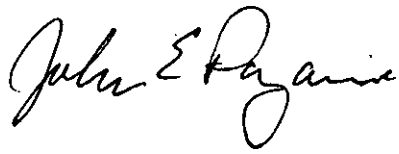
As a result of the above, the Companies are enclosing corrected black-lined pages that were affected by these discrepancies. The attached pages, which reflect all changes – both those already identified in the December 23rd filing as well as those discussed above -- should be

inserted in place of the same pages that were included in the December 23rd filing. Also, in order to distinguish the corrected numbers in the aforementioned tables from the black-lined changes between the two Penelec documents, the corrected numbers are designated by a circle.

Inasmuch as all Penelec Plan calculations, including cost recovery and other table value derivatives, were based on the correct data reflected in Penelec's Appendix G, the results set forth in Penelec's Plan as filed on December 23rd are correct. Moreover, as the attached pages indicate, the changes that were inadvertently omitted from all three of the Companies' Plans in the December 23rd filing are insignificant and do not affect the end results set forth in any of these plans. In light of this, as well as the fact that the aggressive goals and time requirements of Act 129 are quickly approaching, the Companies respectfully ask this honorable Commission to approve the Companies' Modified Plans as filed on December 23, 2009 (and further corrected herein) at its January 28, 2010 Public Meeting.

The Companies apologize for any confusion that the above events may have caused the Commission or any of the parties and, after a thorough review of the Plans, they assure the Commission that all changes between the September 21, 2009 and December 2, 2009 filings have now been detected and identified for the parties.

Very truly yours,



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JAN 15 2010

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

METROPOLITAN EDISON COMPANY
Docket No. M-2009-2092222

REPLACEMENT PAGES FOR
ENERGY EFFICIENCY AND CONSERVATION PLAN

PUC Table 2: Summary of Portfolio Energy and Demand Savings

Table 2: Summary of Portfolio Energy and Demand Savings

Summary of Portfolio Energy and Demand Savings Program Year is June 1 – May 31								
	Program Year 2010		Program Year 2011		Program Year 2012		Program Year 2013	
MWh Saved for Consumption Reductions kW Saved for Peak Load Reductions	MWh Saved	kW Saved	MWh Saved	kW Saved	MWh Saved	kW Saved	MWh Saved	kW Saved
Baseline[1]	14,865,036	2,644,000	14,865,036	2,644,000	14,865,036	2,644,000	14,865,036	2,644,000
Residential Sector *(exclusive of Low- Income)* - Cumulative Projected Portfolio Savings[2]	~~16,020~~16,253	~~7,175~~ 9,085	~~92,760~~ 93,353	~~38,949~~ 40,777	~~169,477~~ 170,433	~~70,168~~ 72,203	~~237,994~~ 238,950	~~82,509~~ 84,545
Residential Low-Income Sector - Cumulative Projected ~~Portfolio Savings~~[2]	~~1,020~~ 1,068	~~92~~ 96	~~5,676~~ 5,842	~~521~~ 532	~~10,347~~ 10,636	~~950~~ 970	~~15,023~~ 15,437	~~1,380~~ 1,409
Commercial/Industrial Small Sector - Cumulative Projected Portfolio Savings[2]	7,859	2,951	45,596	16,209	83,332	29,466	121,051	42,722
Commercial/Industrial Large Sector - Cumulative Net Weather Adjusted Savings[2]	1,878	599	11,768	3,592	21,658	6,585	31,548	9,579
Governmental/Non-Profit Sector - Cumulative Projected Portfolio Savings[2]	3,478	865	21,403	5,125	39,300	9,364	51,255	12,689
~~Original Warm Savings~~	~~295~~	~~32~~	~~709~~	~~77~~	~~1,045~~	~~114~~	~~1,057~~	~~115~~
PJM Peak Demand				10,000		10,000		
EE&C Plan Total - Cumulative Projected Savings	~~30,550~~ 30,536	~~11,714~~ 13,595	~~177,911~~ 177,962	~~74,473~~ 76,235	~~325,159~~ 325,360	~~126,648~~ 128,590	~~457,929~~ 458,243	~~148,993~~ 150,943
Percent Reduction From Baseline (MWh)	0.2%	0.54%	1.2%	2.98%	2.2%	4.98%	3.1%	6%
Commission Identified Goal			148,650				445,951	118,980
Percent Savings Due to Portfolio Above or Below Commission Goal			20%				3%	68%

1 Commission approved Consumption Forecast and Peak Demand Forecast per Section H of the January 15 Implementation Order. (Template Section 10A & 10B)

2 Adjusted for weather and extraordinary load as applicable.

3 KW savings depicted for 2013 as 1% above goal are due to savings accumulated from energy efficiency programs that run beyond the summer period of 2012 (June 1 – September 30)

Table 4: Program Summaries

	Program Name	Program Market	Program Two Sentence Summary	Program Years Operated	Net Lifetime MWh Savings	Net Peak Demand kW Savings	Percentage of Portfolio and Total Lifetime MWh savings %
Commercial/ Industrial Small Portfolio Programs	Energy Audit	Small C&I	Provides two levels of energy audit services 1) a simple walk-through audit for small business with non-complex loads, and 2) a more comprehensive assessment for medium to large non-residential customers to help identify existing end uses of energy and find specific ways in which energy savings can be achieved.	4	141,574	6,418	3.54%
	Equipment Rebate	Small C&I	Provides for the implementation of cost effective, high efficiency non-standard measures through the authorized Conservation Service Provider (CSP) contractor network for local, state and federal buildings, as well as for institutional customers.	4	1,012,858	36,306	24.73%
	~~Multiple Family~~	~~Small C&I~~	~~This program will be delivered in cooperation PHFA, and will target low-income communities. The program seeks to motivate property owner/manager and landlords toward installing energy efficiency measures. Costs associated with Residential accounts will be tracked through the Residential multifamily program. Costs associated with non-residential accounts will be tracked through the C/I multifamily program.~~	4	~~11,216~~	~~237~~	~~0.3%~~
	Totals for C/I Small Sector				~~1,165,648~~ 1,154,432	~~42,961~~ 42,724	~~27.9%~~ 28.1%
Commercial/ Industrial Large Portfolio Programs	Equipment Rebate	Large C&I	Provides for the implementation of cost effective, high efficiency non-standard measures through the authorized Conservation Service Provider (CSP) contractor network for local, state and federal buildings, as well as for institutional customers.	4	303,364	9,385	7.43%
	Industrial Motors and VSD	Large C&I	This program is designed to encourage the company's commercial and industrial customers to: 1. Upgrade their existing motors to NEMA Premium® motors when switching out old motors due to breakdowns and or programmed replacements 2. Install variable speed drives on motors that do not always operate at the same speed.	4	89,703	193	2.12%
	Totals for C/I Large Sector				393,067	9,579	9.46%
Governmental/ Non-Profit Portfolio Programs	Governmental & Institutional	Gov't	This program involves a feasibility study to identify energy savings opportunity to expedite the Federal and municipal agencies taking action. Provides for the implementation of cost effective, high efficiency standard and non-standard measures through a Conservation Service Provider (CSP) for local, state and federal buildings, as well as for institutional customers.	4	~~494,579~~ 505,795	~~12,452~~ 12,689	~~11.8%~~ 12.3%
	Totals for Gov't/NP Sector Programs				~~494,579~~ 505,795	~~12,452~~ 12,689	~~11.8%~~ 12.3%
	Total for Plan				~~4,182,317~~ 4,101,250	~~149,558~~ 150,945	100.0%

Other Expenditures					-
Other Expenditures Subtotal	790,000	3.~~80%~~71%	3.7~~80~~%		-
					-
EDC TOTAL	~~20,773,864~~ 21,302,118	**100.00%**	**100.00%**	**100.00%**	~~0%~~

1) Portions of Governmental is served as part of C&I Small and C&I Large rate classes

PUC Table 7A: TRC Benefits Table – Residential

Residential			TRC Benefits By Program Per Year ($000)											
										Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Capacity Annual Benefits	Capacity Annual Gen/T&D	Energy Annual Benefits	Energy Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Demand Reduction	2010	~~1.43~~	~~1,841,857~~	~~2,641,935~~	~~2,405,425~~	See footnote 1	~~236,510~~	See footnote 2	~~3,464~~	~~30,368~~	~~169~~	~~16,829~~
		1.53	2,803,098	4,294,891	3,731,911		562,980		5,374	32,404	402	27,894
	2011	~~1.74~~	~~6,373,701~~	~~11,087,543~~	~~10,135,635~~		~~951,908~~		~~17,194~~	~~30,368~~	~~824~~	~~16,829~~
		1.75	6,611,111	11,549,467	10,074,566		1,474,901		19,022	32,404	1,417	27,894
	2012	~~2.13~~	~~5,321,180~~	~~11,332,256~~	~~10,392,216~~		~~940,039~~		~~30,368~~	~~30,368~~	~~1,455~~	~~16,829~~
		2.02	5,964,296	12,038,390	10,556,679		1,481,711		32,404	32,404	2,411	27,894
	2013	0.00	-	-	-		-		~~30,368~~	~~30,368~~	~~1,455~~	~~16,829~~
									32,404	32,404	2,411	27,894
Home Energy Audits	2010	~~5.58~~	~~457,786~~	~~2,554,190~~	~~137,389~~		~~2,416,801~~		300	4,742	3,577	~~445,092~~
		5.52	461,133	2,544,874	137,006		2,407,868					444,282
	2011	~~6.08~~	~~2,136,415~~	~~12,982,609~~	~~734,829~~		~~12,247,779~~		1,781	4,742	20,967	~~445,092~~
		6.07	2,136,583	12,963,659	734,055		12,229,605					444,282
	2012	~~6.31~~	~~2,136,415~~	~~13,488,456~~	~~802,690~~		~~12,685,766~~		3,261	4,742	38,357	~~445,092~~
		6.30	2,136,583	13,468,663	801,900		12,666,763					444,282
	2013	~~6.53~~	~~2,136,415~~	~~13,942,772~~	~~841,958~~		~~13,100,815~~		4,742	4,742	55,747	~~445,092~~
		6.52	2,136,583	13,923,107	841,152		13,081,956					444,282
Appliance Turn-In	2010	~~6.10~~	~~469,195~~	2,860,665	272,410		2,588,256		596	9,528	4,143	469,921
		6.06	471,820									
	2011	6.54	~~2,293,998~~	15,001,887	1,478,510		13,523,377		3,573	9,528	24,859	469,921
			2,294,129									
	2012	6.83	~~2,293,998~~	15,663,327	1,615,297		14,048,031		6,551	9,528	45,575	469,921
			2,294,129									
	2013	7.07	~~2,293,998~~	16,210,703	1,694,379		14,516,323		9,528	9,528	66,291	469,921
			2,294,129									
EE HVAC	2010	~~1.20~~	~~1,190,259~~	1,425,038	485,780		939,258		836	~~13,374~~	1,174	~~184,136~~
		1.19	1,194,639							13,379		187,223
	2011	~~1.27~~	~~5,902,527~~	~~7,501,032~~	~~2,601,680~~		~~4,899,352~~		~~5,015~~	~~13,374~~	~~7,045~~	~~184,136~~
		1.28	5,940,336	7,582,547	2,603,140		4,979,407		5,017	13,379	7,122	187,223
	2012	~~1.33~~	~~5,902,527~~	~~7,849,753~~	~~2,801,016~~		~~5,048,737~~		~~9,195~~	~~13,374~~	~~12,917~~	~~184,136~~
		1.34	5,940,336	7,933,619	2,802,567		5,131,052		9,198	13,379	13,071	187,223
	2013	~~1.37~~	~~5,902,527~~	~~8,110,477~~	~~2,918,227~~		~~5,192,250~~		~~13,374~~	~~13,374~~	~~18,788~~	~~184,136~~
		1.38	5,940,336	8,196,605	2,919,833		5,276,773		13,379	13,379	19,019	187,223

EE Products	2010	~~3.03~~	~~1,084,847~~	3,273,333	416,321	2,857,013	714	~~10,893~~	4,617	~~533,087~~
		3.01	1,085,986					10,888		530,000
	2011	~~3.16~~	~~5,396,483~~	~~17,065,508~~	~~2,129,826~~	~~14,935,681~~	~~4,107~~	~~10,893~~	~~27,634~~	~~533,087~~
		3.17	5,358,950	16,983,993	2,128,367	14,855,626	4,105	10,888	27,557	530,000
	2012	~~3.29~~	~~5,396,483~~	~~17,751,441~~	~~2,293,025~~	~~15,458,416~~	~~7,500~~	~~10,893~~	~~50,651~~	~~533,087~~
		3.30	5,358,950	17,667,576	2,291,475	15,376,101	7,496	10,888	50,497	530,000
	2013	3.41	~~5,396,483~~	~~18,375,854~~	~~2,389,624~~	~~15,986,231~~	~~10,893~~	~~10,893~~	~~73,668~~	~~533,087~~
			5,358,950	18,289,726	2,388,018	15,901,708	10,888	10,888	73,437	530,000
New Construction	2010	~~2.35~~	~~927,633~~	2,180,593	797,285	1,383,309	1,037	12,442	1,376	220,440
		2.34	930,258							
	2011	2.48	~~5,044,758~~	12,497,906	4,638,612	7,859,294	6,739	12,442	8,944	220,440
			5,044,890							
	2012	2.58	~~5,044,758~~	13,008,739	4,927,590	8,081,148	12,442	12,442	16,512	220,440
			5,044,890							
	2013	0.00	~~525~~	-	-	-	12,442	12,442	16,512	220,440
			656							
Whole Building	2010	1.10	~~840,985~~	925,119	155,904	769,216	221	1,051	879	45,946
			843,658							
	2011	1.16	~~1,038,401~~	1,204,381	206,886	997,496	498	1,051	1,978	45,946
			1,038,535							
	2012	1.20	~~1,038,401~~	1,247,076	220,671	1,026,405	775	1,051	3,077	45,946
			1,038,535							
	2013	1.24	~~1,038,401~~	1,282,701	228,965	1,053,736	1,051	1,051	4,175	45,946
			1,038,535							
Multiple Family	2010	~~3.52~~	~~14,277~~	50,268	2,858	47,411	7	111	85	8,461
		3.24	15,527							
	2011	5.66	~~46,634~~	264,081	15,621	248,460	42	111	509	8,461
			46,696							
	2012	~~5.00~~	~~46,634~~	275,057	17,176	257,881	76	111	934	8,461
		5.89	46,696							
	2013	~~6.13~~	~~46,634~~	285,788	18,062	267,726	111	111	1,358	8,461
		6.12	46,696							
Total		~~2.94~~	~~79,055,137~~	~~232,340,490~~	~~57,776,867~~	~~174,564,623~~	~~82,509~~	~~82,509~~	~~237,994~~	~~1,923,013~~
		2.91	80,917,649	235,093,781	59,202,993	175,890,788	84,545	84,545	238,950	1,934,167

1: Generation, Transmission and Distribution Capacity costs are combined in a sum of avoided capacity costs. These costs are then NPV back to the year the measure unit was installed. The combined avoided capacity costs can not be identified by component therefore the total avoided capacity costs for Generation, Transmission and Distribution are displayed here.

2: The on and off peak energy costs are combined in a sum of avoided energy costs. These costs are then NPV back to the year the measure unit was installed. The combined avoided energy costs can not be identified by component therefore the total avoided energy costs for on and off peak energy costs are displayed here.

PUC Table 7B: TRC Benefits Table - Residential Low-Income

Residential Low-Income				TRC Benefits By Program Per Year ($000)									
						Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Warm Plus	2010	~~0.49~~	~~425,508~~	~~208,999~~	~~13,133~~	See footnote 1 on PUC Table 7A	~~195,866~~	See footnote 2 on PUC Table 7A	~~21~~	~~238~~	~~258~~	~~25,410~~
		0.52	441,552	229,719	14,122		215,597		24	268	307	27,251
	2011	~~0.67~~	~~1,031,202~~	~~689,538~~	~~43,579~~		~~645,959~~		~~92~~	~~238~~	~~1,144~~	~~25,410~~
		0.70	1,057,523	743,372	46,316		697,056		104	268	1,310	27,251
	2012	~~0.68~~	~~1,070,556~~	~~730,431~~	~~48,059~~		~~682,372~~		~~165~~	~~238~~	~~2,044~~	~~25,410~~
		0.72	1,097,927	789,221	51,288		737,933		186	268	2,334	27,251
	2013	~~0.70~~	~~1,082,303~~	~~759,820~~	~~50,421~~		~~709,399~~		~~238~~	~~238~~	~~2,950~~	~~25,410~~
		0.74	1,109,988	821,782	53,895		767,887		268	268	3,363	27,251
Residential Audits	2010	~~0.81~~	~~227,921~~	185,201	9,954	See footnote 1 on PUC Table 7A	175,248	See footnote 2 on PUC Table 7A	22	344	260	32,337
		0.67	276,914									
	2011	6.13	~~153,861~~	943,351	53,327		890,024		129	344	1,526	32,337
			153,962									
	2012	6.37	~~153,861~~	980,088	58,256		921,832		237	344	2,791	32,337
			153,962									
	2013	6.58	~~153,861~~	1,013,155	61,108		952,047		344	344	4,056	32,337
			153,962									
Appliance Turn-In	2010	~~1.00~~	~~207,084~~	206,574	19,184	See footnote 1 on PUC Table 7A	187,390	See footnote 2 on PUC Table 7A	41	657	299	34,034
		0.82	251,549									
	2011	~~7.40~~	~~146,380~~	1,082,830	103,963		978,867		246	657	1,793	34,034
		7.39	146,446									
	2012	7.72	~~146,380~~	1,130,201	113,418		1,016,783		452	657	3,286	34,034
			146,446									
	2013	7.99	~~146,380~~	1,169,513	118,907		1,050,606		657	657	4,780	34,034
			146,446									
Energy Efficient Products	2010	~~6.90~~	~~16,891~~	116,601	3,598	See footnote 1 on PUC Table 7A	113,004	See footnote 2 on PUC Table 7A	9	139	202	20,167
		6.72	17,362									
	2011	~~8.15~~	~~75,113~~	611,872	19,666		592,206		52	139	1,214	20,167
		8.14	75,137									
	2012	8.47	~~75,113~~	636,283	21,624		614,659		96	139	2,226	20,167
			75,137									
	2013	8.80	~~75,113~~	660,864	22,740		638,125		139	139	3,237	20,167
			75,137									
~~Original Warm Savings~~	~~2010~~		~~Original Warm Program Costs and Benefits are not included in the Plan, only the Savings.~~						~~32~~		~~295~~	
	~~2011~~								~~109~~		~~1,004~~	
	~~2012~~								~~223~~		~~2,049~~	
	~~2013~~								~~339~~	~~N/A~~	~~3,105~~	~~N/A~~
Total		~~2.14~~	~~5,187,526~~	~~11,125,324~~	~~760,937~~		~~10,364,386~~		~~1,380~~	~~1,380~~	~~18,129~~	~~111,948~~
		2.10	5,379,450	11,320,628	771,365		10,549,263		1,409	1,409	15,437	113,789

PUC Table 7C: TRC Benefits Table - Commercial/Industrial Small

Commercial/Industrial Small					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Energy Audit	*2010*	~~2.58~~	~~329,172~~	850,249	165,620	See footnote 1 on PUC Table 7A	684,629	See footnote 2 on PUC Table 7A	401	6,418	1,420	141,574
		2.55	333,079									
	2011	3.04	~~1,484,257~~	4,511,013	905,351		3,605,662		2,407	6,418	8,522	141,574
			1,484,452									
	2012	3.20	~~1,484,257~~	4,748,350	995,488		3,752,863		4,413	6,418	15,623	141,574
			1,484,452									
	2013	3.34	~~1,484,257~~	4,952,888	1,046,849		3,906,039		6,418	6,418	22,725	141,574
			1,484,452									
Equipment Rebate	*2010*	~~2.67~~	~~2,308,210~~	6,152,015	~~1,500,638~~		~~4,651,377~~		2,550	36,306	6,439	1,012,858
		2.65	2,323,315		1,577,665		4,574,350					
	2011	2.77	~~11,004,151~~	30,434,573	~~7,113,267~~		~~23,321,306~~		13,802	36,306	37,074	1,012,858
			11,004,906		7,526,395		22,908,178					
	2012	2.88	~~11,004,151~~	31,688,842	~~7,631,017~~		~~24,057,825~~		25,054	36,306	67,709	1,012,858
			11,004,906		8,076,853		23,611,989					
	2013	2.97	~~11,004,151~~	32,690,557	~~7,942,343~~		~~24,748,214~~		36,306	36,306	98,327	1,012,858
			11,004,906		8,407,770		24,282,787					
~~Multiple Family~~	~~*2010*~~	~~1.02~~	~~62,787~~	~~64,194~~	~~11,405~~		~~52,789~~		~~15~~	~~237~~	~~53~~	~~11,216~~
	~~*2011*~~	~~7.14~~	~~46,634~~	~~332,977~~	~~60,322~~		~~272,656~~		~~89~~	~~237~~	~~315~~	~~11,216~~
	~~*2012*~~	~~7.39~~	~~46,634~~	~~344,432~~	~~64,079~~		~~280,352~~		~~163~~	~~237~~	~~578~~	~~11,216~~
	~~*2013*~~	~~7.60~~	~~46,634~~	~~354,222~~	~~66,350~~		~~287,873~~		~~237~~	~~237~~	~~840~~	~~11,216~~
Total		~~2.91~~	~~40,305,293~~	~~117,124,312~~	~~27,502,727~~		~~89,621,585~~		~~42,961~~	~~42,961~~	~~121,892~~	~~1,165,648~~
		2.89	40,124,468	116,028,487	28,701,989		87,326,498		42,724	42,724	121,051	1,154,432

PUC Table 7D: TRC Benefits Table - Commercial/Industrial Large

Commercial/Industrial Large				TRC Benefits By Program Per Year ($000)								
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Equipment Rebate	*2010*	~~1.1805~~	~~1,213,362~~	1,432,384	437,093	See footnote 1 on PUC Table 7A	995,292	See footnote 2 on PUC Table 7A	587	9,385	1,458	303,364
		1.18	1,215,029									
	2011	~~1.2175~~	~~6,423,233~~	7,820,504	2,313,735		5,506,769		3,520	9,385	9,248	303,364
		1.22	6,423,317									
	2012	~~1.2673~~	~~6,423,233~~	8,139,862	2,461,443		5,678,419		6,453	9,385	17,039	303,364
		1.27	6,423,317									
	2013	~~1.3065~~	~~6,423,233~~	8,391,733	2,550,591		5,841,141		9,385	9,385	24,829	303,364
		1.31	6,423,317									
Industrial Motors and VSD	*2010*	~~1.7848~~	~~174,612~~	311,640	9,279		302,361		12	193	420	89,703
		1.68	185,237									
	2011	~~2.4443~~	~~662,683~~	1,619,773	49,077		1,570,696		72	193	2,520	89,703
		2.44	663,214									
	2012	~~2.5233~~	~~662,683~~	1,672,178	52,135		1,620,044		133	193	4,620	89,703
		2.52	663,214									
	2013	~~2.5972~~	~~662,683~~	1,721,132	53,982		1,667,151		193	193	6,719	89,703
		2.60	663,214									
Total		1.37	~~22,645,722~~	**31,109,205**	**7,927,334**		**23,181,872**		**9,579**	**9,579**	**31,548**	**393,067**
			22,659,857									

PUC Table 7E: TRC Benefits Table - Governmental/Non-Profit

Governmental/Non-Profit					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual % Gen/T&D	Annual Benefits	Annual % On/Off Peak	Annual	Lifetime	Annual	Lifetime
Governmental & Institutional	2010	~~1.9986~~	~~1,401,798~~	~~2,801,610~~	~~508,161~~	See footnote 1 on PUC Table 7A	~~2,293,458~~	See footnote 2 on PUC Table 7A	~~850~~	~~12,452~~	~~3,425~~	~~494,579~~
		1.93	1,484,221	2,865,813	534,973		2,330,840		865	12,689	3,478	505,795
	2011	~~2.1253~~	~~7,100,236~~	~~15,089,950~~	~~2,712,335~~		~~12,377,624~~		~~5,036~~	~~12,452~~	~~21,088~~	~~494,579~~
		2.09	7,390,404	15,422,937	2,855,287		12,567,650		5,125	12,689	21,403	505,795
	2012	~~2.2131~~	~~7,067,456~~	~~15,640,809~~	~~2,892,254~~		~~12,748,555~~		~~9,201~~	~~12,452~~	~~38,722~~	~~494,579~~
		2.17	7,357,623	15,985,241	3,045,506		12,939,735		9,364	12,689	39,300	505,795
	2013	~~2.2034~~	~~5,048,052~~	~~11,122,884~~	~~2,318,883~~		~~8,804,000~~		~~12,451~~	~~12,452~~	~~50,415~~	~~494,579~~
		2.15	5,338,219	11,477,106	2,478,324		8,998,783		12,689	12,689	51,255	505,795
Total		~~2.17~~	~~20,617,542~~	~~44,655,371~~	~~8,431,634~~		~~36,223,637~~		~~12,451~~	~~12,452~~	~~50,415~~	~~494,579~~
		2.12	21,570,467	45,751,096	8,914,089		36,837,008		12,689	12,689	51,255	505,795

	Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
1	DLC-CAC	Demand	Res	~~36~~120	~~0.720~~1.600	13	~~TRM~~Smart Grid Installation Estimate
2	DLC-Pool Pumps	Demand	Res	~~38~~120	~~1.470~~2.350	13	Smart Grid Installation for CAC +TRM
3	DLC-Water Heat	Demand	Res	~~38~~120	~~1.070~~1.950	13	Smart Grid Installation for CAC +TRM
4	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	Res	337	0.044	7	Sum of Other Measures Listed
5	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	Res	337	0.044	7	Sum of Other Measures Listed
6	Schools Childern Education-No Savings	1-Res Audits	Res	166	0.009	6	4 CFLs from TRM
7	Refrigerator/Freezer recycling	2-RES App Turn-In	Res	1,728	0.238	8	TRM
8	Room Air Conditioners	2-RES App Turn-In	Res	108	0.072	5	TRM + Energy Star Calcuator
9	ASHP - SEER 15	3-RES EE HVAC	Res	1,944	0.297	12	TRM
10	CAC - SEER 15	3-RES EE HVAC	Res	343	0.297	15	TRM
11	CAC - Maintenance	3-RES EE HVAC	Res	334	0.290	7	TRM
12	Furnace Fans	3-RES EE HVAC	Res	367	0.000	15	ACEEE PA Report
13	EE Ground Source Heat Pump	3-RES EE HVAC	Res	4,574	0.106	15	TRM
14	Solar Water Heating	4-Res-EE P	Res	2,371	0.481	15	DSMore MI Database
15	HP Water Heater	4-Res-EE P	Res	2,371	0.481	15	DSMore MI Database
16	EE Water Heater	4-Res-EE P	Res	319	0.065	15	Manufacturer Supplied
17	Programable Thermostat_Heat	1-Res Audits	Res	466	0.000	15	DEER with Electric Heat
18	Programable Thermostat_CAC	4-Res-EE P	Res	39	0.066	15	DEER with CAC
19	CFL bulbs regular-15	1-Res Audits	Res	166	0.009	~~6.4~~	TRM
20	CFL bulbs regular-15	4-Res-EE P	Res	166	0.009	~~6.4~~	TRM
21	CFL bulbs regular - Outside - 15	4-Res-EE P	Res	80	0.000	~~6.4~~	TRM but Estimate of Hours from Survey
22	CFL bulbs regular - 19	4-Res-EE P	Res	52	0.003	~~6.4~~	TRM
23	Clothes Washer Energy Star, Electric Waterheater, El	4-Res-EE P	Res	258	0.015	11	TRM with Electric Heat
24	Dehumidifiers	4-Res-EE P	Res	117	0.010	12	TRM
25	Freezers Energy Star-Chest Freezer	4-Res-EE P	Res	52	0.011	13	TRM
26	Holiday Lights	4-Res-EE P	Res	64	0.000	10	DSMore MI Database
27	LED Night Light	1-Res Audits	Res	44	0.000	12	DSMore MI Database
28	Pump and Motor Single Speed	4-Res-EE P	Res	694	0.357	10	DSMore MI Database
29	Refrigerators-Freezers Energy Star - Side by Side	4-Res-EE P	Res	95	0.013	13	TRM
30	Refrigerators-Freezers Energy Star - Top Freezer	4-Res-EE P	Res	90	0.013	13	TRM
31	Room Air Conditioners	4-Res-EE P	Res	88	0.059	10	TRM
32	Smart Strip plug outlet	4-Res-EE P	Res	184	0.013	5	DSMore MI Database
33	Torchiere Floor Lamps	4-Res-EE P	Res	105	0.006	10	TRM
34	Residential New Construction - 15%	5-RES New Con	Res	1,225	0.923	15	ACEEE PA Report
35	Residential New Construction - 30%	5-RES New Con	Res	2,449	1.845	15	ACEEE PA Report
36	Ceiling Fans	6-Res Whole	Res	180	0.020	10	ACEEE PA Report
37	Estar Windows	6-Res Whole	Res	700	0.038	15	ACEEE PA Report
38	Duct sealing 20 leakage base	6-Res Whole	Res	669	0.580	15	ACEEE PA Report
39	Low Flow Showerheads	6-Res Whole	Res	250	0.028	10	ACEEE PA Report
40	Kitchen Aerator	6-Res Whole	Res	114	0.024	9	DEER with Electric Heat

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	41	Bathroom Aerator	6-Res Whole	Res	57	0.012	9	DEER with Electric Heat
	42	Pipe Wrap	6-Res Whole	Res	325	0.037	13	DEER with Electric Heat
	43	Roof Insulation	6-Res Whole	Res	703	0.079	15	ACEEE PA Report
	44	Whole Building	6-Res Whole	Res	0	0.000	10	
	45	Low Income Warm Program Through Act129	7-Low Income	LI RES	725	0.080	15	07' WARM Program M&V Average Savings
	46	*Low Income Warm Program Through Act129 (Addit)*	*7-Low Income*	*LI RES*	*184*	*0.013*	*5*	*DSMore MI Database*
46	47	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits LI	LI RES	337	0.044	7.266667	Sum of Other Measures Listed
47	48	Schools Childern Education-No Savings	1-Res Audits LI	LI RES	166	0.009	6.4	4 CFLs from TRM
48	49	Refrigerator/Freezer recycling	2-RES App Turn-In LI	LI RES	1,728	0.238	8	TRM
49	50	Programable Thermostat_Heat	1-Res Audits LI	LI RES	466	0.000	15	DEER with Electric Heat
50	51	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits LI	LI RES	$166	$0.009	6.4	TRM
51	52	CFL bulbs regular-15 -Free No Water HeatMailed At	4-Res-EE P LI	LI RES	166	0.009	6.4	TRM
52	53	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P LI	LI RES	80	0.000	6.4	TRM but Estimate of Hours from Survey
53	54	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P LI	LI RES	52	0.003	6.4	TRM
54	55	LED Night Light	1-Res Audits LI	LI RES	44	0.000	12	DSMore MI Database
55	56	Low Income Lighting-Warm Light	7-Low Income	LI RES	69	0.000	6.4	4 CFLs using 1 hour a day.
	57	Low Income Lighting-Warm SmartStrip	7-Low Income	LI RES	184	0.013	5	DSMore MI Database
56	58	Low Income Lighting-Low Usage	7-Low Income	LI RES	206	0.017	6.4	4 CFLs
57	59	Multiple Family - CFL Lighting	8-Multiple Family	Res	206	0.017	6.4	4 CFLs
58	60	Multiple Family - T8-Lighting	2-Governmental Programs	Gov	127	0.036	15	TRM
59	61	Commercial, Industrial Audit - Sm&Md	1-C/I Audits	SM C&I	0	0.000	0	
60	62	Commercial, Industrial Audit - Large	1-C/I Audits	LG C&I	0	0.000	0	
61	63	Commercial CFL Program	1-C/I Audits	SM C&I	198	0.056	6.4	1 CFL using ACEEE Estimate of Comm Hours
62	64	Commercial, Industrial Audit - Gov	1-C/I Audits	Gov	0	0.000	0	
63	65	Exterior HID replacement above 175W to 250W HID	2-Governmental Programs	Gov	409	0.000	12	DSMore MI Database
64	66	HPT8 4ft 4 lamp, T12 to HPT8	2-Governmental Programs	Gov	127	0.036	15	TRM
65	67	LED Exit Signs Electronic Fixtures (RetrofitOnly)	2-Governmental Programs	Gov	158	0.018	10	TRM
66	68	Occupancy Sensors under 500 W	2-Governmental Programs	Gov	397	0.099	10	DSMore MI Database
67	69	LED Auto Traffic Signals	2-Governmental Programs	Gov	535	0.061	10	TRM 8"
68	70	LED Pedestrian Signals	2-Governmental Programs	Gov	946	0.108	10	TRM
69	71	Street Lighting - 175 Mercury to 100 HPS	2-Governmental Programs	Gov	329	0.000	10	=(175-100)*365*12/1000
70	72	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton	2-Governmental Programs	Gov	11,891	8.576	15	TRM
71	73	Water-Cooled Centrifugal Chiller < 150 ton0.56 kW/t	2-Governmental Programs	Gov	13,285	9.581	15	TRM
72	74	AC <65,000 1 Ph	3-C/I Equip	SM C&I	452	0.406	15	TRM
73	75	AC 65,000 - 135,000	3-C/I Equip	SM C&I	587	0.795	15	TRM
74	76	AC 240,000 - 760,000	3-C/I Equip	SM C&I	2,098	2.741	15	TRM
75	77	Clothes Washer CEE Tier1, Electric Water heater, Ele	3-C/I Equip	SM C&I	633	0.666	10	DSMore MI Database
76	78	Demand-controlled ventilation (DCV)	3-C/I Equip	SM C&I	8,000	1.340	15	ACEEE PA Report
77	79	Efficient Refrigeration Condenser	3-C/I Equip	SM C&I	120	0.118	15	DSMore MI Database
78	80	ENERGY STAR Commercial Solid Door Freezers_lcs	3-C/I Equip	SM C&I	520	0.059	12	DSMore MI Database
79	81	ENERGY STAR Commercial Solid Door Freezers 20	3-C/I Equip	SM C&I	507	0.058	12	DSMore MI Database
80	82	ENERGY STAR Commercial Solid Door Refrigerator	3-C/I Equip	SM C&I	905	0.103	12	DSMore MI Database
81	83	ENERGY STAR Commercial Solid Door Refrigerator	3-C/I Equip	SM C&I	1,069	0.122	12	DSMore MI Database
82	84	ENERGY STAR Ice Machines less than 500 lbs	3-C/I Equip	SM C&I	1,652	0.189	12	DSMore MI Database

~~83~~ 85	ENERGY STAR Ice Machines 500 to 1000 lbs	3-C/I Equip	SM C&I	2,695	0.308	12	DSMore MI Database
~~84~~ 86	ENERGY STAR Ice Machines more than 1000 lbs	3-C/I Equip	SM C&I	6,048	0.690	12	DSMore MI Database
~~85~~ 87	ENERGY STAR Steam Cookers 3 Pan	3-C/I Equip	SM C&I	11,188	2.550	12	DSMore MI Database
~~86~~ 88	Exterior HID replacement above 175W to 250W HID	3-C/I Equip	SM C&I	409	0.000	12	DSMore MI Database
~~87~~ 89	EE Water Heater	3-C/I Equip	SM C&I	319	0.065	15	Manufacturer Supplied
~~88~~ 90	HP Water Heater (Base Usage 22831)	3-C/I Equip	SM C&I	14,200	2.880	15	ACEEE PA Report
~~89~~ 91	HPT8 4ft 4 lamp, T12 to HPT8	3-C/I Equip	SM C&I	127	0.036	15	TRM
~~90~~ 92	LED Exit Signs Electronic Fixtures (RetrofitOnly)	3-C/I Equip	SM C&I	158	0.018	10	TRM
~~91~~ 93	Occupancy Sensors under 500 W	3-C/I Equip	SM C&I	397	0.099	10	DSMore MI Database
~~92~~ 94	Plug Load Occupancy Sensors Document Stations	3-C/I Equip	SM C&I	803	0.055	5	DSMore MI Database
~~93~~ 95	Commercial Smart Strip plug outlet	3-C/I Equip	SM C&I	184	0.013	5	DSMore MI Database
~~94~~ 96	Pre Rinse Sprayers	3-C/I Equip	SM C&I	1,396	0.116	5	DSMore MI Database
~~95~~ 97	Refrigerant charging correction	3-C/I Equip	SM C&I	712	1.014	10	DSMore MI Database
~~96~~ 98	Refrigeration Commissioning	3-C/I Equip	SM C&I	375	0.043	3	DSMore MI Database
~~97~~ 99	Strip curtains for walk-ins - freezer	3-C/I Equip	SM C&I	613	0.070	4	DSMore MI Database
~~98~~ 100	Vending Equipment Controller	3-C/I Equip	SM C&I	800	0.210	5	DSMore MI Database
~~99~~ 101	Window Film	3-C/I Equip	SM C&I	256	0.147	10	DSMore MI Database
~~100~~ 102	Setback/Setup	3-C/I Equip	SM C&I	842	-0.007	9	DSMore MI Database
~~101~~ 103	Demand-controlled ventilation (DCV)	4-C/I Equip	LG C&I	8,000	1.340	15	ACEEE PA Report
~~102~~ 104	Exterior HID replacement above 175W to 250W HID	4-C/I Equip	LG C&I	409	0.000	12	DSMore MI Database
~~103~~ 105	HPT8 4ft 4 lamp, T12 to HPT8	4-C/I Equip	LG C&I	127	0.036	15	TRM
~~104~~ 106	Occupancy Sensors under 500 W	4-C/I Equip	LG C&I	397	0.099	10	DSMore MI Database
~~105~~ 107	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton	4-C/I Equip	LG C&I	11,891	8.576	15	TRM
~~106~~ 108	Water-Cooled Centrifugal Chiller < 150 ton0.56 kW/t	4-C/I Equip	LG C&I	13,285	9.581	15	TRM
~~107~~ 109	Window Film	4-C/I Equip	LG C&I	12,802	7.344	15	DSMore MI Database
~~108~~ 110	Motors 1 HP 1200	5-IND MOTOR	LG C&I	97	0.007	15	TRM
~~109~~ 111	Motors 5 HP 1200	5-IND MOTOR	LG C&I	329	0.025	15	TRM
~~110~~ 112	Motors 10 HP 1200	5-IND MOTOR	LG C&I	467	0.036	15	TRM
~~111~~ 113	Motors 20 HP 1200	5-IND MOTOR	LG C&I	857	0.065	15	TRM
~~112~~ 114	Motors 1 HP 3600	5-IND MOTOR	LG C&I	66	0.005	15	TRM
~~113~~ 115	Motors 5 HP 3600	5-IND MOTOR	LG C&I	174	0.013	15	TRM
~~114~~ 116	Motors 10 HP 3600	5-IND MOTOR	LG C&I	324~~.9314~~5	0.0247~~23~~5	15	TRM
~~115~~ 117	Motors 20 HP 3600	5-IND MOTOR	LG C&I	501~~.6837~~2	0.038~~172~~	15	TRM
~~116~~ 118	Water Pumps with VFD's	5-IND MOTOR	LG C&I	1,360	0.024~~027~~	15	TRM
~~117~~ 119	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	1,653	0.029~~203~~	15	TRM
~~118~~ 120	Air Compressors with VFD's	5-IND MOTOR	LG C&I	774	0.013~~674~~4	15	TRM
~~119~~ 121	Water Pumps with VFD's	5-IND MOTOR	LG C&I	6,800	0.120~~133~~	15	TRM
~~120~~ 122	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	8,265	0.146~~015~~	15	TRM
~~121~~ 123	Air Compressors with VFD's	5-IND MOTOR	LG C&I	3,870	0.068~~37~~	15	TRM
~~122~~ 124	Water Pumps with VFD's	5-IND MOTOR	LG C&I	13,600	0.240~~267~~	15	TRM
~~123~~ 125	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	16,530	0.292~~03~~	15	TRM
~~124~~ 126	Air Compressors with VFD's	5-IND MOTOR	LG C&I	7,740	0.136~~74~~7	15	TRM

	Measure Name	Program	~~Rate Class~~	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
1	DLC-CAC	Demand	~~Res~~	4,052~~2,959~~	~~15,200~~7,338	~~14,626~~7,148	0	Res*Sat*Survey-Reduced by SmartGrid
2	DLC-Pool Pumps	Demand	~~Res~~	~~105~~18	~~700~~98	~~540~~77	0	Res*Sat*Survey-Reduced by SmartGrid
3	DLC-Pool Pumps	Demand	~~Res~~	63	~~225~~90	~~374~~150	0	Res*Sat*Survey-Reduced by SmartGrid
4	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits	~~Res~~	4,790	23,950	23,950	23,950	Res*Sat*Survey * 93.2%
5	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	~~Res~~	25	125	125	125	Res*Sat*Survey
6	Schools Childern Education-No Savings	1-Res Audits	~~Res~~	699	1,398	1,398	1,398	Estimate of Activity * 93.2%
7	Refrigerator/Freezer recycling	2-RES App Turn-In	~~Res~~	2,109	10,545	10,545	10,545	Res*Sat*Survey * 93.2%
8	Room Air Conditioners	2-RES App Turn-In	~~Res~~	400	2,000	2,000	2,000	Budgetary Limits
9	ASHP - SEER 15	3-RES EE HVAC	~~Res~~	111	554	554	554	10% of CAC
10	CAC - SEER 16	3-RES EE HVAC	~~Res~~	1,108	5,538	5,538	5,538	Res*Sat*Survey - Minus 10%
11	CAC - Maintenance	3-RES EE HVAC	~~Res~~	1,316	6,581	6,581	6,581	Res*Sat*Survey
12	Furnace Fans	3-RES EE HVAC	~~Res~~	26	132	132	132	Budgetary Limits
13	EE Ground Source Heat Pump	4-Res-EE P	~~Res~~	0	15	15	15	Budgetary Limits
14	Solar Water Heating	4-Res-EE P	~~Res~~	0	15	15	15	Budgetary Limits
15	HP Water Heater	4-Res-EE P	~~Res~~	0	50	50	50	Budgetary Limits
16	EE Water Heater	4-Res-EE P	~~Res~~	1,356	6,782	6,782	6,782	Res*Sat*Survey
17	Programable Thermostat_Heat	4-Res-EE P	~~Res~~	1,172	5,858	5,858	5,858	Res*Sat*Survey * 93.2%
18	Programable Thermostat_CAC	4-Res-EE P	~~Res~~	1,538	7,691	7,691	7,691	Res*Sat*Survey
19	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits	~~Res~~	5,235	26,174	26,174	26,174	Res*Sat*Survey * 93.2%
20	CFL bulbs regular-15 -Free No Water Heat Mailed At Request	4-Res-EE P	~~Res~~	2,749	13,747	13,747	13,747	Res*Sat*Survey * 93.2%
21	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P	~~Res~~	6,405	32,027	32,027	32,027	Res*Sat*Survey * 93.2%
22	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P	~~Res~~	29,125	145,625	145,625	145,625	Res*Sat*Survey * 93.2%
23	Clothes Washer Energy Star, Electric Water heater, Electric Dryer	4-Res-EE P	~~Res~~	40	200	200	200	Budgetary Limits
24	Dehumidifiers	4-Res-EE P	~~Res~~	40	200	200	200	Budgetary Limits
25	Freezers Energy Star-Chest Freezer	4-Res-EE P	~~Res~~	40	200	200	200	Budgetary Limits
26	Holiday Lights	4-Res-EE P	~~Res~~	504	2,518	2,518	2,518	Res*Sat*Survey
27	LED Night Light	4-Res-EE P	~~Res~~	699	1,398	1,398	1,398	Free to School Audits * 93.2%
28	Pump and Motor Single Speed	4-Res-EE P	~~Res~~	293	1,465	1,465	1,465	Res*Sat*Survey
29	Refrigerators-Freezers Energy Star - Side by Side	4-Res-EE P	~~Res~~	40	200	200	200	Budgetary Limits
30	Refrigerators-Freezers Energy Star - Top Freezer	4-Res-EE P	~~Res~~	40	200	200	200	Budgetary Limits
31	Room Air Conditioners	4-Res-EE P	~~Res~~	3,230	12,919	12,919	12,919	Res*Sat*Survey
32	Smart Strip plug outlet	4-Res-EE P	~~Res~~	3,231	16,157	16,157	16,157	(Res*Sat*Survey)*25%
33	Torchiere Floor Lamps	4-Res-EE P	~~Res~~	100	500	500	500	Budgetary Limits
34	Residential New Construction - 15%	5-RES New Con	~~Res~~	333	1,833	1,833	0	Budgetary Limits
35	Residential New Construction - 30%	5-RES New Con	~~Res~~	333	1,833	1,833	0	Budgetary Limits
36	Ceiling Fans	6-Res Whole	~~Res~~	120	150	150	150	Budgetary Limits
37	Estar Windows	6-Res Whole	~~Res~~	120	150	150	150	Budgetary Limits
38	Duct sealing 20 leakage base	6-Res Whole	~~Res~~	200	250	250	250	Budgetary Limits
39	Low Flow Showerheads	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
40	Kitchen Aerator	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
41	Bathroom Aerator	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
42	Pipe Wrap	6-Res Whole	~~Res~~	200	250	250	250	Budgetary Limits
43	Roof Insulation	6-Res Whole	~~Res~~	200	250	250	250	Budgetary Limits
44	Whole Building	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
45	Low Income Warm Program Through Act129	7-Low Income	~~LI RES~~	142	346	360	364	WARM Forecast * 25%
46	Low Income Warm Program Through Act129 (Additional SmartStrips)	7-Low Income		47	114	119	120	WARM Forecast * 25% * 1/3
47 ~~46~~	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits LI	~~LI RES~~	349	1,747	1,747	1,747	Res*Sat*Survey * 6.8%
48 ~~47~~	Schools Childern Education-No Savings	1-Res Audits LI	~~LI RES~~	51	102	102	102	Estimate of Activity * 6.8%
49 ~~48~~	Refrigerator/Freezer recycling	2-RES App Turn-In LI	~~LI RES~~	154	769	769	769	Res*Sat*Survey * 6.8%
50 ~~49~~	Programable Thermostat_Heat	1-Res Audits LI	~~LI RES~~	85	427	427	427	Res*Sat*Survey * 6.8%
51 ~~50~~	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits LI	~~LI RES~~	382	1,910	1,910	1,910	Res*Sat*Survey * 6.8%
52 ~~51~~	CFL bulbs regular-15 -Free No Water Heat Mailed At Request	4-Res-EE P LI	~~LI RES~~	201	1,003	1,003	1,003	Res*Sat*Survey * 6.8%
53 ~~52~~	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P LI	~~LI RES~~	467	2,337	2,337	2,337	Res*Sat*Survey * 6.8%
54 ~~53~~	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P LI	~~LI RES~~	2,125	10,625	10,625	10,625	Res*Sat*Survey * 6.8%
55 ~~54~~	LED Night Light	1-Res Audits LI	~~LI RES~~	51	102	102	102	Free to School Audits * 6.8%
56 ~~55~~	Low Income Lighting-Warm Light	7-Low Income	~~LI RES~~	567	1,385	1,441	1,458	WARM Forecast
57	Low Income Lighting-Warm SmartStrip	7-Low Income		187	457	475	481	WARM Forecast * 1/3
58 ~~56~~	Low Income Lighting-Low Usage	7-Low Income	~~LI RES~~	429	2,143	2,143	2,143	Low Income - Low Usage Count

59	~~57~~	Multiple Family - CFL Lighting	8-Multiple Family	~~Res~~	367	1,833	1,833	1,833	PAHA Provided
60	~~58~~	Multiple Family - T8-Lighting	8-Multiple Family	~~SM-C&I~~	367	1,833	1,833	1,833	PAHA Provided
61	~~59~~	Commercial, Industrial Audit - Sm&Md	1-C/I Audits	~~SM-C&I~~	150	750	750	750	Budgetary Limits
62	~~60~~	Commercial, Industrial Audit - Large	1-C/I Audits	~~LG-C&I~~	15	75	75	75	Budgetary Limits
63	~~61~~	Commercial CFL Program	1-C/I Audits	~~SM-C&I~~	6,375	31,877	31,877	31,877	Comm*Survey
64	~~62~~	Commercial, Industrial Audit - Gov	1-C/I Audits	~~Gov~~	10	10	10	10	Budgetary Limits
65	~~63~~	Exterior HID replacement above 175W to 250W HID retrofit	2-Governmental Programs	~~Gov~~	37	203	203	0	Base on Fed Sales
66	~~64~~	HPT8 4ft 4 lamp, T12 to HPT8	2-Governmental Programs	~~Gov~~	753	4,142	4,142	0	Base on Fed Sales
67	~~65~~	LED Exit Signs Electronic Fixtures (Retrofit Only)	2-Governmental Programs	~~Gov~~	83	458	458	0	Base on Fed Sales
68	~~66~~	Occupancy Sensors under 500 W	2-Governmental Programs	~~Gov~~	83	458	458	0	Base on Fed Sales
69	~~67~~	LED Auto Traffic Signals	2-Governmental Programs	~~Gov~~	1,000	5,500	5,500	0	Intersection Estimate
70	~~68~~	LED Pedestrian Signals	2-Governmental Programs	~~Gov~~	250	1,375	1,375	0	Intersection Estimate
71	~~69~~	Street Lighting - 175 Mercury to 100 HPS	2-Governmental Programs	~~Gov~~	1,176	5,881	5,881	5,881	Street Light Count
72	~~70~~	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	2-Governmental Programs	~~Gov~~	0	8	7	0	Fed Large User Counts
73	~~71~~	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	2-Governmental Programs	~~Gov~~	0	8	7	0	Fed Large User Counts
74	~~72~~	AC <65,000 1 Ph	3-C/I Equip	~~SM-C&I~~	100	500	500	500	Budgetary Limits
75	~~73~~	AC 65,000 - 135,000	3-C/I Equip	~~SM-C&I~~	40	200	200	200	Budgetary Limits
76	~~74~~	AC 240,000 - 760,000	3-C/I Equip	~~SM-C&I~~	40	200	200	200	Budgetary Limits
77	~~75~~	Clothes Washer CEE Tier1, Electric Water heater, Electric Dryer	3-C/I Equip	~~SM-C&I~~	40	200	200	200	Budgetary Limits
78	~~76~~	Demand-controlled ventilation (DCV)	3-C/I Equip	~~SM-C&I~~	25	125	125	125	Budgetary Limits
79	~~77~~	Efficient Refrigeration Condenser	3-C/I Equip	~~SM-C&I~~	40	200	200	200	Budgetary Limits
80	~~78~~	ENERGY STAR Commercial Solid Door Freezers less than 20ft3	3-C/I Equip	~~SM-C&I~~	25	125	125	125	Budgetary Limits
81	~~79~~	ENERGY STAR Commercial Solid Door Freezers 20 to 48 ft3	3-C/I Equip	~~SM-C&I~~	25	125	125	125	Budgetary Limits
82	~~80~~	ENERGY STAR Commercial Solid Door Refrigerators less than 20ft3	3-C/I Equip	~~SM-C&I~~	25	125	125	125	Budgetary Limits
83	~~81~~	ENERGY STAR Commercial Solid Door Refrigerators 20 to 48 ft3	3-C/I Equip	~~SM-C&I~~	25	125	125	125	Budgetary Limits
84	~~82~~	ENERGY STAR Ice Machines less than 500 lbs	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
85	~~83~~	ENERGY STAR Ice Machines 500 to 1000 lbs	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
86	~~84~~	ENERGY STAR Ice Machines more than 1000 lbs	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
87	~~85~~	ENERGY STAR Steam Cookers 3 Pan	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
88	~~86~~	Exterior HID replacement above 175W to 250W HID retrofit	3-C/I Equip	~~SM-C&I~~	478	2,390	2,390	2,390	Comm*Survey
89	~~87~~	EE Water Heater (Base Usage 22831)	3-C/I Equip	~~SM-C&I~~	222	1,112	1,112	1,112	Comm*Survey Minus 10%
90	~~88~~	HP Water Heater (Base Usage 22831)	3-C/I Equip	~~SM-C&I~~	25	125	125	125	10% of Water Heating
91	~~89~~	HPT8 4ft 4 lamp, T12 to HPT8	3-C/I Equip	~~SM-C&I~~	9,769	48,845	48,845	48,845	Comm*Survey*Square Foot Estimate
92	~~90~~	LED Exit Signs Electronic Fixtures (Retrofit Only)	3-C/I Equip	~~SM-C&I~~	8,078.1	40,390.7	40,390.7	40,390.7	Comm*Survey
93	~~91~~	Occupancy Sensors under 500 W	3-C/I Equip	~~SM-C&I~~	1,414	7,071	7,071	7,071	Comm*Survey
94	~~92~~	Plug Load Occupancy Sensors Document Stations	3-C/I Equip	~~SM-C&I~~	354	1,061	1,061	1,061	Comm*Survey
95	~~93~~	Smart Strip plug outlet	3-C/I Equip	~~SM-C&I~~	1,616	8,079	8,079	8,079	Comm*Survey
96	~~94~~	Pre Rinse Sprayers	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
97	~~95~~	Refrigerant charging correction	3-C/I Equip	~~SM-C&I~~	1,538	6,151	6,151	6,151	Comm*Survey
98	~~96~~	Refrigeration Commissioning	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
99	~~97~~	Strip curtains for walk-ins - freezer	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
100	~~98~~	Vending Equipment Controller	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
101	~~99~~	Window Film	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
102	~~100~~	Setback/Setup	3-C/I Equip	~~SM-C&I~~	50	250	250	250	Budgetary Limits
103	~~101~~	Demand-controlled ventilation (DCV)	4-C/I Equip	~~LG-C&I~~	1	4	4	4	Budgetary Limits
104	~~102~~	Exterior HID replacement above 175W to 250W HID retrofit	4-C/I Equip	~~LG-C&I~~	254	2,595	2,595	2,595	Comm*Survey
105	~~103~~	HPT8 4ft 4 lamp, T12 to HPT8	4-C/I Equip	~~LG-C&I~~	5,190	25,951	25,951	25,951	Comm*Survey*Square Foot Estimate
106	~~104~~	Occupancy Sensors under 500 W	4-C/I Equip	~~LG-C&I~~	751	3,757	3,757	3,757	Comm*Survey
107	~~105~~	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	4-C/I Equip	~~LG-C&I~~	20	100	100	100	Budgetary Limits
108	~~106~~	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	4-C/I Equip	~~LG-C&I~~	5	25	25	25	Budgetary Limits
109	~~107~~	Window Film	4-C/I Equip	~~LG-C&I~~	20	100	100	100	Budgetary Limits
110	~~108~~	Motors 1 HP 1200	5-IND MOTOR	~~LG-C&I~~	75	375	375	375	Using NJ Experience for Motor Program
111	~~109~~	Motors 5 HP 1200	5-IND MOTOR	~~LG-C&I~~	50	250	250	250	Using NJ Experience for Motor Program
112	~~110~~	Motors 10 HP 1200	5-IND MOTOR	~~LG-C&I~~	25	125	125	125	Using NJ Experience for Motor Program

113	~~111~~ Motors 20 HP 1200	5-IND MOTOR	~~LG C&I~~	10	50	50	50	Using NJ Experience for Motor Program
114	~~112~~ Motors 1 HP 3600	5-IND MOTOR	~~LG C&I~~	75	375	375	375	Using NJ Experience for Motor Program
115	~~113~~ Motors 5 HP 3600	5-IND MOTOR	~~LG C&I~~	50	250	250	250	Using NJ Experience for Motor Program
116	~~114~~ Motors 10 HP 3600	5-IND MOTOR	~~LG C&I~~	25	125	125	125	Using NJ Experience for Motor Program
117	~~115~~ Motors 20 HP 3600	5-IND MOTOR	~~LG C&I~~	10	50	50	50	Using NJ Experience for Motor Program
118	~~116~~ Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
119	~~117~~ HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
120	~~118~~ *Air Compressors with VFD's*	*5-IND MOTOR*	~~LG C&I~~	5	25	25	25	*Using NJ Experience for Motor Program*
121	~~119~~ Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
122	~~120~~ HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
123	~~121~~ Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
124	~~122~~ Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
125	~~123~~ HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
126	~~124~~ Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program

Calculation of Metropolitan Edison Company's Energy Efficiency and Conservation ("EEC") Charge ("EEC-C") Rates
Effective February 1, 2010 ~~November 1, 2009~~

Line No.	Description	Met-Ed Residential Customer Class (1)	Met-Ed Non-profit Customer Class (2)	Met-Ed Commercial Customer Class ~~(2)~~ (3)	Met-Ed Street Lighting Customer Class (4)	Met-Ed Industrial Customer Class ~~(3)~~ (5)	Met-Ed Total ~~(4)~~ (6)
1	2% of Met-Ed's Annual Revenues for 12 Months Ended 12/31/2006 for Maximum Annual Cost Recovery						$ 24,866,894 (A)
2	~~Revenue Adjustment Factor (48 Months / 43 Months)~~ ~~2% of Met-Ed's Annual Revenues for 12 Months Ended 12/31/2006 for Maximum Annual Cost Recovery for 48 months ending May 31, 2013 (Line 1 x 4 years)~~						~~1.116279~~ ~~$ 99,467,576~~
3	~~Maximum Annual Costs Recovery as Adjusted (Line 1 X Line 2)~~ Met-Ed's Estimated EEC Program Costs for 48 Months Ending May 31, 2013 (PUC Table 5)	$ 58,676,942	$ 308,227	$ 13,554,699	$ 3,639,122	$ 5,869,483	~~$ 27,758,392~~ $ 82,048,473
4	~~Met-Ed's Estimated EEC Program Costs for 43 Months Ending May 31, 2013~~ PJM Peak Demand Program (PUC Table 3)	~~$ 56,622,507~~ $ -	$ -	~~$ 17,473,080~~ $ -	$ -	~~$ 8,999,869~~ $ 3,160,000	~~$ 83,095,456~~ $ 3,160,000
5	~~Percentage of Customer Class' Program Costs to Total Company Program Costs~~ Met-Ed's Common Costs Allocated to Applicable Customer Sector (PUC Table 6b)	~~68.14%~~ $ 2,861,963	$ 14,100	~~21.03%~~ $ 620,065	$ 166,473	~~10.83%~~ $ 413,057	~~100.00%~~ $ 4,075,658
6	~~Allocation of Annual Maximum Cost Recovery (Line 3, Column 4 X Line 5)~~	~~$ 18,914,568~~		~~$ 5,837,590~~		~~$ 3,006,234~~	~~$ 27,758,392~~
	Met-Ed's Estimated PJM Economic Load Response Program Costs	$ -	$ -	$ -	$ -	$ 13,158	$ 13,158
7	Met-Ed Subtotal subject to 2% cap (Sum Lines 3-6)	$ 61,538,905	$ 322,327	$ 14,174,764	$ 3,805,595	$ 9,455,698	$ 89,297,289
8	Met-Ed's Share of Statewide Evaluator Costs	$ 706,171	$ 3,479	$ 152,997	$ 41,076	$ 101,919	$ 1,005,642
9	Total EEC Costs for 48 months Ending May 31, 2013 (Sum Line 7 + 8)	$ 62,245,076	$ 325,806	$ 14,327,761	$ 3,846,671	$ 9,557,617	$ 90,302,931
10	Total EEC Costs on Annualized Basis (Line 9 / 40 months x 12 months)	$ 18,673,523	$ 97,742	$ 4,298,328	$ 1,154,001	$ 2,867,285	$ 27,090,879
~~7~~ 11	Customer Class Projected 2010 Kilowatt-Hours ("kWh") Delivered or Peak Load Contribution Kilowatt ("kW")	~~5,963,190,731~~ kWhs 5,826,777,288	87,175,162 kWhs	~~2,941,863,109~~ kWhs 2,963,550,940	34,380,000 kWhs	~~5,768,372,921~~ kWhs 10,348,632 kWs	~~14,673,435,761~~ kWhs
~~8~~ 12	EEC-C Rates Before Pa Gross Receipts Tax Gross-Up Factor (Line 106 / Line ~~117~~)	~~$ 0.00317~~ per kWh $ 0.00320	$ 0.00112 per kWh	~~$ 0.00198~~ per kWh $ 0.00145	$ 0.03357 per kWh	~~$ 0.00052~~ ~~per kWh~~ $ 0.27707 per kW	
~~9~~ 13	Pa Gross Receipts Tax Gross-Up Factor [1 / (1-T) with T = 5.90% Pa Gross Receipts Tax in Base Rates]	1.062699	1.062699	1.062699	1.062699	1.062699	
~~10~~ 14	**Proposed EEC-C Rates Effective February~~November~~ 1, 200~~9~~10 (Line 128 X Line 139)**	~~$ 0.00337~~ per kWh $ 0.00340	$ 0.00119 per kWh	~~$ 0.00210~~ per kWh $ 0.00154	$ 0.03567 per kWh	~~$ 0.00055~~ ~~per kWh~~ $ 0.29 per kW	

(A) Pennsylvania's Act 129 of 2008 states that the maximum annual cost recovery for Energy Efficiency and Conservation Programs cannot exceed 2% of the electric distribution company's total annual revenue as of December 31, 2006.

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Docket No. M-2009-2112952

REPLACEMENT PAGES FOR ENERGY EFFICIENCY AND CONSERVATION PLAN

PUC Table 2: Summary of Portfolio Energy and Demand Savings

Summary of Portfolio Energy and Demand Savings Program Year is June 1 – May 31								
MWh Saved for Consumption Reductions kW Saved for Peak Load Reductions	Program Year 2010		Program Year 2011		Program Year 2012		Program Year 2013	
	MWh Saved	kW Saved	MWh Saved	kW Saved	MWh Saved	kW Saved	MWh Saved	kW Saved
Baseline[1]	*14,399,289*	*2,395,000*	*14,399,289*	*2,395,000*	*14,399,289*	*2,395,000*	*14,399,289*	*2,395,000*
Residential Sector *(exclusive of Low- Income)* - Cumulative Projected Portfolio Savings[2]	13,548 ~~13,602~~	3,507 ~~3,523~~	78,091 ~~78,418~~	29,165 ~~29,257~~	142,610 ~~143,209~~	54,219 ~~54,388~~	201,769 ~~202,639~~	62,636 ~~62,881~~
Residential Low-Income Sector - Cumulative Projected Portfolio Savings[2]	~~1,539~~ 1,614	~~148~~ 153	~~8,329~~ 8,587	~~776~~ 795	~~15,154~~ 15,604	~~1,410~~ 1,441	~~22,013~~ 22,664	~~2,047~~ 2,093
Commercial/Industrial Small Sector - Cumulative Projected Portfolio Savings[2]	8,304	2,794	48,498	15,681	88,692	28,569	128,869	41,455
Commercial/Industrial Large Sector - Cumulative Net Weather Adjusted Savings[2]	2,424	607	14,614	3,642	26,803	6,677	38,992	9,712
Governmental/Non-Profit Sector - Cumulative Projected Portfolio Savings[2]	~~3,777~~ 3,832	~~844~~ 859	~~23,214~~ 23,541	~~5,090~~ 5,182	~~42,632~~ 43,230	~~9,316~~ 9,485	~~54,753~~ 55,623	~~12,500~~ 12,746
~~Original Warm Savings~~	~~632~~	~~108~~	~~1,516~~	~~258~~	~~2,247~~	~~383~~	~~2,343~~	~~400~~
PJM Peak Demand				10,000		10,000		
EE&C Plan Total - Cumulative Projected Savings	~~30,279~~ 29,722	~~8,023~~ 7,920	~~174,588~~ 173,331	~~64,706~~ 64,466	~~318,737~~ 316,940	~~110,744~~ 110,392	~~449,609~~ 447,917	~~128,996~~ 128,642
Percent Reduction From Baseline (MWh)	0.2%	0.3%	1.2 %	2.7%	2.2%	4.6%	3.1%	5%
Commission Identified Goal			143,993				431,979	107,775
Percent Savings Due to Portfolio Above or Below Commission Goal			20~~1~~%				4%	~~3~~ 2%

1 Commission approved Consumption Forecast and Peak Demand Forecast per Section H of the January 15 Implementation Order. (Template Section 10A & 10B)

2 Adjusted for weather and extraordinary load as applicable.

3 KW savings depicted for 2013 as 1% above goal are due to savings accumulated from energy efficiency programs that run beyond the summer period of 2012 (June 1 – September 30)

2.2. Plan data: Costs, Cost-effectiveness and Savings by program, sector and portfolio

See PUC Tables 1-4

2.3. Budget and Parity Analysis

PUC Table 5: Budget and Parity Analysis

Customer Class	Average Annualized Budget	% of Total EDC Budget	% of Total Budget Allocating Government & Other	% of Total Customer Revenue	Difference
Residential	~~10,284,513~~ 10,219,975	~~55.13%~~54.51 %			0
Residential Low Income	~~1,686,404~~ 1,758,175	9.04%38%			0
Residential Subtotal	~~11,970,917~~ 11,978,150	~~64.17%~~63.89 %	~~64.17%~~63.89 %	~~43.7%~~43.5 %	20%
					-
C&I Small	~~2,719,638~~ 2,829,109	~~14.58%~~15.09 %	~~21.3%~~18.7%	~~23~~26.9%	-82%
C&I Large	~~1,314,090~~ 1,309,826	~~7.04%~~6.99%	~~14.5%~~9.1%	28.53~~2.7%~~	~~18%~~19%
C&I Subtotal	~~4,033,728~~ 4,138,935	~~21.62%~~22.08 %	~~35.8%~~27.9%	~~56.3%~~55.4 %	~~20%~~27%
					-
~~Governmental/Non-Profit~~Gov Street Lighting	~~1,860,505~~ 690,644	~~9.97%~~3.68%	3.68%	0.63%	3.06%
~~Governmental/Non-Profit Subtotal~~	~~1,860,505~~	~~9.97%~~	-	-	-
-					-
					-
					-
~~Residential/C&I/Governmental/Non-Profit Subtotal~~	~~17,865,151~~	~~95.77%~~	-	-	-
GS/Public Service, MS	60,838	0.32%	0.32%	0.48%	-0.16%
Gov Multi-Family	71,068	0.38%	NA	NA	NA
Gov Small C&I	614,799	3.28%	NA	NA	NA
Gov Large C&I	403,303	2.15%	NA	NA	NA
Governmental/Non-Profit Subtotal	1,840,652	9.82%	4.0%	1.1%	3%
					-
~~Other Expenditures~~					-
~~Other Expenditures Subtotal~~		~~4.23%~~	-		-

Large Commercial & Industrial			
EE&C Program	Cost Elements ($)		
	Total Incentives	*Operations Costs*	*Total Budget (2010-2013)*
Equipment Rebates	3,910,105	~~625,154~~627,070	~~4,535,259~~4,537,175
Industrial Motors and VSD	580,320	~~109,592~~121,811	~~689,912~~702,131
PJM Demand Response	3,160,000		3,160,000
Totals	**7,650,425**	**~~734,745~~748,881**	**~~8,385,171~~8,399,306**

Governmental/Non-Profit			
EE&C Program	Cost Elements ($)		
	Total Incentives	*Operations Costs*	*Total Budget (2010-2013)*
~~Governmental & Institutional~~ Street Lighting	~~4,231,161~~713,850	~~2,826,031~~2,048,725	~~7,057,192~~2,762,575
~~Totals~~GS/Public Service, MS	**~~4,231,161~~**189,274	**~~2,826,031~~**54,079	**~~7,057,192~~243,353**
Multiple Family	212,676	71,598	284,273
Governmental & Institutional	3,328,036	744,371	4,072,408
Totals	**4,443,836**	**2,918,773**	**7,362,609**

Consultant Costs and Employee Expenses for Plan Development	$296,312	Sum of Appendix D 1-4 Lines 149-152 Totals	$189,317	$55,555	$39,562	$11,877
Online Audit Tool Costs	$147,105	Residential	$147,105	$0	$0	$0
Measurement and Verification Tracking and Reporting Software	$756,540	Sum of Appendix D 1-4 Lines 149-152 Totals	$483,362	$141,842	$101,010	$30,325
Enhanced Measurement and Verification Requirements	$2,759,184	Sum of Appendix D 1-4 Lines 149-152 Totals	$1,762,875	$517,314	$368,396	$110,599
External Legal Fees	$52,538	Sum of Appendix D 1-4 Lines 149-152 Totals	$33,567	$9,850	$7,015	$2,106
Totals	**$4,011,679**	-	**$2,616,227**	**$724,561**	**$515,984**	**$154,907**

Table 6C: Summary of Portfolio EE&C Costs

~~Portfolio~~	~~Total Sector Portfolio-specific Costs~~	~~Total Common Costs~~	~~Total of All Costs~~
~~Residential (Including Low-Income)~~Portfolio	Total Sector Portfolio-specific Costs	Total Common Costs	Total of All Costs
Residential (Including Low-Income)	$47,912,600	$2,616,227	$50,528,827
Commercial/Industrial -- Small	~~$47,600,832~~$14,059,905	~~$1,582,636~~$724,561	~~$49,183,468~~$14,784,466
Commercial/Industrial -- ~~Small~~Large	~~$17,036,865~~$10,012,518	~~$513,766~~$515,984	~~$17,550,631~~$10,528,502
~~Commercial/Industrial -- Large~~Governmental/Non-profit	~~$9,982,906~~$3,005,928	~~$301,104~~$154,907	~~$10,284,010~~$3,160,835
~~Governmental/Non-profit~~	~~Governmental is served as part of C&I Small and C&I Large rate classes~~		
~~**Totals**~~	~~**$74,620,602**~~	~~**$2,397,506**~~	~~**$77,018,109**~~
Totals	**$74,990,951**	**$4,011,679**	**$79,002,630**

7.4 *Provide and describe tariffs and a Section 1307 cost recovery mechanism. Provide all calculations and supporting cost documentation.* ~~*Is this section numbered correctly?*~~

Consistent with Act 129, the Company's tariff will contain a Section 1307 cost recovery mechanism for the recovery of energy efficiency and conservation program costs. Under the Company's proposal, the EEC-C rates requested in this proceeding would remain in effect for the duration of the EE&C Program. However, upon determination that the EEC-C rates would result in material over or under-collections of recoverable costs incurred or expected to be incurred during the program period (~~November~~July 1, 2009 through May 31, 2013), the Company may request that the Commission approve interim revisions to the EEC-C rates to be effective thirty days from the date of filing. An interim change in the EEC-C rates may address a re-allocation of program expenses between customer classes.

The Company is submitting the following as Appendix H:

PUC Table 7A: TRC Benefits Table – Residential

Residential					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Demand Reduction	2010	~~*1.43*~~	~~524,628~~	750,110	~~2,405,425~~	See footnote 1	~~(1,655,314)~~	See footnote 2	978	27,729	47	15,405
		1.42	528,565		679,447		70,664					
	2011	*1.75*	6,350,568	11,130,140	~~10,135,635~~		~~994,505~~		14,656	27,729	701	15,405
					10,096,446		1,033,695					
	2012	*2.15*	5,282,556	11,334,614	~~10,392,216~~		~~942,397~~		27,729	27,729	1,331	15,405
					10,313,109		1,021,504					
	2013	*0.00*	-	-	-		-		27,729	27,729	1,331	15,405
Home Energy Audits	2010	~~*5.47*~~	~~414,360~~	2,264,529	~~137,389~~		~~2,127,139~~		305	4,762	3,243	355,176
		5.42	417,707		139,898		2,124,630					
	2011	*6.05*	~~1,838,774~~	11,125,795	~~734,829~~		~~10,390,966~~		1,791	4,762	18,504	355,176
			1,838,941		738,341		10,387,454					
	2012	*6.30*	~~1,838,774~~	11,576,736	~~802,690~~		~~10,774,046~~		3,276	4,762	33,764	355,176
			1,838,941		806,456		10,770,280					
	2013	*6.51*	~~1,838,774~~	11,976,953	~~841,958~~		~~11,134,996~~		4,762	4,762	49,025	355,176
			1,838,941		845,879		11,131,074					
Appliance Turn-In	2010	~~*6.08*~~	~~315,727~~	1,919,906	~~272,410~~		~~1,647,496~~		392	6,264	2,692	305,608
		6.03	318,352		178,487		1,741,419					
	2011	*6.59*	~~1,526,660~~	10,058,834	~~1,478,510~~		~~8,580,324~~		2,349	6,264	16,152	305,608
			1,526,791		968,986		9,089,848					
	2012	*6.87*	~~1,526,660~~	10,495,445	~~1,615,297~~		~~8,880,148~~		4,307	6,264	29,612	305,608
			1,526,791		1,058,881		9,436,564					
	2013	*7.11*	~~1,526,660~~	10,857,988	~~1,694,379~~		~~9,163,609~~		6,264	6,264	43,072	305,608
			1,526,791		1,110,819		9,747,169					
EE HVAC	2010	*0.98*	~~458,445~~	450,847	~~485,780~~		~~(34,934)~~		301	4,829	321	55,020
			461,291		178,851		271,995					
	2011	*1.08*	~~2,273,454~~	2,459,203	~~2,603,140~~		~~(143,937)~~		1,810	4,829	2,007	55,020
			2,273,596		958,333		1,500,870					
	2012	*1.13*	~~2,273,454~~	2,575,922	~~2,802,567~~		~~(226,645)~~		3,320	4,829	3,693	55,020
			2,273,596		1,030,612		1,545,310					
	2013	*1.17*	~~2,273,454~~	2,661,433	~~2,919,833~~		~~(258,400)~~		4,829	4,829	5,379	55,020
			2,273,596		1,073,202		1,588,231					

EE Products	2010	~~3.23~~	~~1,157,246~~	3,738,156	~~416,321~~	~~3,321,835~~	654	10,109	5,418	608,168
		3.22	1,159,919		362,353	3,375,802				
	2011	3.39	~~5,808,022~~	19,700,318	~~2,128,367~~	~~17,571,951~~	3,806	10,109	32,632	608,168
			5,808,155		1,886,155	17,814,163				
	2012	3.53	~~5,808,022~~	20,477,242	~~2,291,475~~	~~18,185,768~~	6,958	10,109	59,846	608,168
			5,808,155		2,036,228	18,441,014				
	2013	3.65	~~5,808,022~~	21,205,219	~~2,388,018~~	~~18,817,201~~	10,109	10,109	87,060	608,168
			5,808,155		2,124,604	19,080,615				
New Construction	2010	~~2.39~~	~~583,708~~	1,392,246	~~797,285~~	~~594,961~~	648	7,776	860	137,775
		2.37	586,333		498,303	893,943				
	2011	2.53	~~3,153,171~~	7,975,661	~~4,638,612~~	~~3,337,049~~	4,212	7,776	5,590	137,775
			3,153,302		2,899,133	5,076,529				
	2012	2.63	~~3,153,171~~	8,298,223	~~4,927,590~~	~~3,370,633~~	7,776	7,776	10,320	137,775
			3,153,302		3,079,744	5,218,479				
	2013	0.00	~~525~~	-	-	-	7,776	7,776	10,320	137,775
			656							
Whole Building	2010	1.13	~~840,985~~	951,234	155,904	795,330	221	1,051	879	45,946
			843,658							
	2011	1.19	~~1,038,401~~	1,237,595	206,886	1,030,709	498	1,051	1,978	45,946
			1,038,535							
	2012	1.23	~~1,038,401~~	1,280,947	220,671	1,060,276	775	1,051	3,077	45,946
			1,038,535							
	2013	1.27	~~1,038,401~~	1,317,278	228,965	1,088,314	1,051	1,051	4,175	45,946
			1,038,535							
Multiple Family	2010	~~3.68~~	~~14,608~~	53,782	~~2,858~~	~~50,924~~	7	115	88	8,764
		3.39	15,858		2,960	50,822				
	2011	5.84	~~48,292~~	282,236	~~15,621~~	~~266,615~~	43	115	528	8,764
			48,354		16,179	266,057				
	2012	6.08	~~48,292~~	293,768	~~17,176~~	~~276,592~~	79	115	967	8,764
			48,354		17,790	275,978				
	2013	~~6.32~~	~~48,292~~	305,066	~~18,062~~	~~287,004~~	115	115	1,407	8,764
		6.31	48,354		18,708	286,358				
Total		**3.18**	~~**59,850,505**~~	**190,147,425**	~~**57,775,867**~~	~~**132,371,558**~~	**62,636**	**62,636**	**201,769**	**1,531,861**
			59,875,188		**43,932,330**	**146,215,095**				

1: Generation, Transmission and Distribution Capacity costs are combined in a sum of avoided capacity costs. These costs are then NPV back to the year the measure unit was installed. The combined avoided capacity costs can not be identified by component therefore the total avoided capacity costs for Generation, Transmission and Distribution are displayed here.

2: The on and off peak energy costs are combined in a sum of avoided energy costs. These costs are then NPV back to the year the measure unit was installed. The combined avoided energy costs can not be identified by component therefore the total avoided energy costs for on and off peak energy costs are displayed here.

PUC Table 7B: TRC Benefits Table - Residential Low-Income

Residential Low-Income					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Warm Plus	*2010*	~~*0.77*~~	~~547,692~~	~~421,638~~	~~13,133~~	See footnote 1 on PUC Table 7A	~~408,505~~	See footnote 2 on PUC Table 7A	~~55~~	~~565~~	~~468~~	~~47,527~~
		0.80	569,614	454,889	39,022		415,867		60	611	543	50,423
	2011	~~*0.98*~~	~~1,346,688~~	~~1,324,386~~	~~43,579~~		~~1,280,807~~		~~220~~	~~565~~	~~2,005~~	~~47,527~~
		1.02	1,387,430	1,410,760	116,175		1,294,585		238	611	2,263	50,423
	2012	~~*1.00*~~	~~1,405,341~~	~~1,411,490~~	~~48,059~~		~~1,363,431~~		~~390~~	~~565~~	~~3,577~~	~~47,527~~
		1.04	1,447,965	1,506,285	129,126		1,377,159		422	611	4,028	50,423
	2013	~~*1.02*~~	~~1,461,551~~	~~1,496,511~~	~~50,421~~		~~1,446,089~~		~~565~~	~~565~~	~~5,184~~	~~47,527~~
		1.06	1,505,977	1,599,415	138,672		1,460,743		611	611	5,835	50,423
Residential Audits	*2010*	~~*0.72*~~	~~342,130~~	246,042	~~9,954~~	See footnote 1 on PUC Table 7A	~~236,089~~	See footnote 2 on PUC Table 7A	33	521	355	38,735
		0.59	416,827		15,226		230,816					
	2011	*6.11*	~~198,800~~	1,214,457	~~53,327~~		~~1,161,130~~		196	521	2,027	38,735
			198,898		80,616		1,133,841					
	2012	~~*6.36*~~	~~198,800~~	1,263,658	~~58,256~~		~~1,205,401~~		358	521	3,699	38,735
		6.35	198,898		88,065		1,175,592					
	2013	~~*6.58*~~	~~198,800~~	1,307,519	~~61,108~~		~~1,246,410~~		521	521	5,370	38,735
		6.57	198,898		92,375		1,215,143					
Appliance Turn-In	*2010*	~~*0.76*~~	~~275,426~~	209,000	~~19,184~~	See footnote 1 on PUC Table 7A	~~189,816~~	See footnote 2 on PUC Table 7A	40	645	293	33,385
		0.62	337,116		18,819		190,182					
	2011	*7.62*	~~143,593~~	1,094,514	~~103,963~~		~~990,552~~		242	645	1,758	33,385
			143,643		101,980		992,535					
	2012	*7.95*	~~143,593~~	1,141,601	~~113,418~~		~~1,028,183~~		443	645	3,224	33,385
			143,643		111,255		1,030,346					
	2013	*8.22*	~~143,593~~	1,180,844	~~118,907~~		~~1,061,937~~		645	645	4,689	33,385
			143,643		116,639		1,064,205					
Energy Efficient Products	*2010*	~~*7.19*~~	~~35,161~~	252,753	~~3,598~~	See footnote 1 on PUC Table 7A	~~249,155~~	See footnote 2 on PUC Table 7A	20	317	423	42,176
		7.09	35,633		8,170		244,582					
	2011	*7.96*	~~166,464~~	1,325,065	~~19,666~~		~~1,305,399~~		119	317	2,539	42,176
			166,487		44,663		1,280,402					
	2012	*8.27*	~~166,464~~	1,377,258	~~21,624~~		~~1,355,634~~		218	317	4,654	42,176
			166,487		49,109		1,328,149					
	2013	*8.59*	~~166,464~~	1,429,744	~~22,740~~		~~1,407,005~~		317	317	6,770	42,176
			166,487		51,643		1,378,101					
~~**Original Warm Savings**~~	~~*2010*~~	~~Original Warm Program Costs and Benefits are not included in the Plan, only the Savings~~							~~108~~	~~1,149~~	~~632~~	~~101,060~~
	~~*2011*~~								~~366~~	~~1,149~~	~~2,147~~	~~101,060~~
	~~*2012*~~								~~749~~	~~1,149~~	~~4,395~~	~~101,060~~
	~~*2013*~~								~~1,149~~	~~1,149~~	~~6,737~~	~~101,060~~
Total		~~3.41~~	~~6,940,562~~	~~16,696,479~~	~~760,937~~		~~15,935,543~~		~~2,047~~	~~2,047~~	~~28,750~~	~~262,883~~
		2.35	7,227,648	17,013,804	1,201,555		15,812,249		2,093	2,093	22,664	164,719

PUC Table 7C: TRC Benefits Table - Commercial/Industrial Small

Commercial/Industrial Small					TRC Benefits By Program Per Year ($000)							
				Program	Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Energy Audit	*2010*	*4.24*	~~324,316~~	1,375,343	~~165,620~~	See footnote 1 on PUC Table 7A	~~1,209,723~~	See footnote 2 on PUC Table 7A	667	10,678	2,363	235,522
		4.19	328,223		275,525		1,099,818					
	2011	*4.37*	~~1,670,576~~	7,305,866	~~905,351~~		~~6,400,515~~		4,004	10,678	14,177	235,522
			1,670,771		1,506,140		5,799,726					
	2012	*4.61*	~~1,670,576~~	7,696,948	~~995,488~~		~~6,701,460~~		7,341	10,678	25,991	235,522
			1,670,771		1,656,092		6,040,856					
	2013	*4.81*	~~1,670,576~~	8,033,055	~~1,046,849~~		~~6,986,206~~		10,678	10,678	37,804	235,522
			1,670,771		1,741,536		6,291,519					
Equipment Rebate	*2010*	~~*2.03*~~	~~2,703,759~~	5,501,037	~~1,500,638~~		~~4,000,399~~		2,126	30,779	5,941	961,866
		2.02	2,718,864		1,348,116		4,152,921					
	2011	*2.11*	~~13,012,972~~	27,465,866	~~7,113,267~~		~~20,352,598~~		11,677	30,779	34,321	961,866
			13,013,727		6,546,440		20,919,425					
	2012	2.20	~~13,012,972~~	28,581,252	~~7,631,017~~		~~20,950,236~~		21,228	30,779	62,702	961,866
			13,013,727		7,016,081		21,565,172					
	2013	*2.27*	~~13,012,972~~	29,476,653	~~7,942,343~~		~~21,534,310~~		30,779	30,779	91,064	961,866
			13,013,727		7,298,926		22,177,727					
~~**Multiple Family**~~	~~*2010*~~	~~*1.05*~~	~~64,853~~	~~68,346~~	~~11,405~~		~~56,942~~		~~15~~	~~246~~	~~54~~	~~11,617~~
	~~*2011*~~	~~*7.34*~~	~~48,292~~	~~354,337~~	~~60,322~~		~~294,015~~		~~92~~	~~246~~	~~326~~	~~11,617~~
	~~*2012*~~	~~*7.59*~~	~~48,292~~	~~366,390~~	~~64,079~~		~~302,311~~		~~169~~	~~246~~	~~598~~	~~11,617~~
	~~*2013*~~	~~*7.80*~~	~~48,292~~	~~376,733~~	~~66,350~~		~~310,383~~		~~246~~	~~246~~	~~870~~	~~11,617~~
Total		~~**2.47**~~	~~**47,288,447**~~	~~**116,601,827**~~	~~**27,502,727**~~		~~**89,099,100**~~		~~**41,702**~~	~~**41,702**~~	~~**129,739**~~	~~**1,209,005**~~
		2.45	**47,100,582**	**115,436,021**	**27,388,854**		**88,047,166**		**41,457**	**41,457**	**128,869**	**1,197,388**

PUC Table 7D: TRC Benefits Table - Commercial/Industrial Large

Commercial/Industrial Large				TRC Benefits By Program Per Year ($000)								
									Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Capacity Annual Benefits	Capacity Annual Gen/T&D	Energy Annual Benefits	Energy Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Equipment Rebate	*2010*	~~*1.1347*~~	~~1,322,522~~	1,500,613	~~437,093~~		~~1,063,521~~		587	9,384	1,736	324,653
		1.13	1,324,189		423,515		1,077,098					
	2011	~~*1.1917*~~	~~6,634,231~~	7,906,335	~~2,313,735~~		~~5,592,600~~		3,519	9,384	10,485	324,653
		1.19	6,634,314		2,244,716		5,661,619					
	2012	~~*1.2415*~~	~~6,634,231~~	8,236,626	~~2,461,443~~		~~5,775,183~~		6,452	9,384	19,234	324,653
		1.24	6,634,314		2,391,528		5,845,098					
	2013	~~*1.281*~~	~~6,634,231~~	8,498,352	~~2,550,591~~	See footnote 1 on PUC Table 7A	~~5,947,761~~	See footnote 2 on PUC Table 7A	9,384	9,384	27,983	324,653
		1.28	6,634,314		2,480,053		6,018,299					
Industrial Motors and VSD	*2010*	~~*1.8978*~~	~~256,845~~	487,445	~~9,279~~		~~478,166~~		21	329	688	146,970
		1.82	267,470		15,790		471,655					
	2011	~~*2.3617*~~	~~1,073,849~~	2,536,141	~~49,077~~		~~2,487,064~~		123	329	4,128	146,970
		2.36	1,074,380		83,514		2,452,627					
	2012	~~*2.4396*~~	~~1,073,849~~	2,619,779	~~52,135~~		~~2,567,644~~		226	329	7,569	146,970
		2.44	1,074,380		88,717		2,531,061					
	2013	~~*2.512*~~	~~1,073,849~~	2,697,519	~~53,982~~		~~2,643,538~~		329	329	11,009	146,970
		2.51	1,074,380		91,860		2,605,659					
Total		**1.40**	~~**24,703,606**~~	**34,482,811**	~~**7,927,334**~~		~~**26,555,477**~~		**9,712**	**9,712**	**38,992**	**471,623**
			24,717,741		**7,819,694**		**26,663,117**					

PUC Table 7E: TRC Benefits Table - Governmental/Non-Profit

Governmental/Non-Profit					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Governmental & Institutional	*2010*	~~*1.9341*~~	~~1,497,906~~	~~2,897,156~~	~~508,161~~		~~2,388,994~~		~~844~~	~~12,501~~	~~3,777~~	~~527,915~~
		1.87	1,582,395	2,965,502	521,012	See footnote 1 on PUC Table 7A	2,444,490	See footnote 2 on PUC Table 7A	859	12,747	3,832	539,532
	2011	~~*2.0775*~~	~~7,535,158~~	~~15,653,951~~	~~2,712,335~~		~~12,941,616~~		~~5,090~~	~~12,501~~	~~23,214~~	~~527,915~~
		2.04	7,835,654	16,008,288	2,840,072		13,168,216		5,182	12,747	23,541	539,532
	2012	~~*2.165*~~	~~7,502,377~~	~~16,242,918~~	~~2,892,254~~		~~13,350,664~~		~~9,316~~	~~12,501~~	~~42,632~~	~~527,915~~
		2.13	7,802,874	16,609,308	3,032,406		13,576,902		9,485	12,747	43,230	539,532
	2013	~~*2.0493*~~	~~5,316,563~~	~~10,895,399~~	~~2,318,883~~		~~8,576,516~~		~~12,500~~	~~12,501~~	~~54,753~~	~~527,915~~
		2.01	5,617,059	11,272,132	2,391,327		8,880,805		12,746	12,747	55,623	539,532
Total		~~**2.09**~~	~~**21,852,004**~~	~~**45,689,424**~~	~~**8,431,634**~~		~~**37,257,790**~~		~~**12,500**~~	~~**12,501**~~	~~**54,753**~~	~~**527,915**~~
		2.05	**22,837,983**	**46,855,230**	**8,784,818**		**38,070,412**		**12,746**	**12,747**	**55,623**	**539,532**

	Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
1	DLC-CAC	Demand	Res	36	0.720	13	TRM
2	DLC-Pool Pumps	Demand	Res	38	1.470	13	TRM
3	DLC-Water Heat	Demand	Res	38	1.070	13	TRM
4	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	Res	337	0.044	7	Sum of Other Measures Listed
5	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	Res	337	0.044	7	Sum of Other Measures Listed
6	Schools Childern Education-No Savings	1-Res Audits	Res	166	0.009	6	4 CFLs from TRM
7	Refrigerator/Freezer recycling	2-RES App Turn-In	Res	1,728	0.238	8	TRM
8	Room Air Conditioners	2-RES App Turn-In	Res	73	0.072	5	TRM + Energy Star Calcuator
9	ASHP - SEER 15	3-RES EE HVAC	Res	1,972	0.297	12	TRM
10	CAC - SEER 15	3-RES EE HVAC	Res	231	0.297	15	TRM
11	CAC - Maintenance	3-RES EE HVAC	Res	225	0.290	7	TRM
12	Furnace Fans	3-RES EE HVAC	Res	367	0.000	15	ACEEE PA Report
13	EE Ground Source Heat Pump	3-RES EE HVAC	Res	4,711	0.106	15	TRM
14	Solar Water Heating	4-Res-EE P	Res	2,371	0.481	15	DSMore MI Database
15	HP Water Heater	4-Res-EE P	Res	2,371	0.481	15	DSMore MI Database
16	EE Water Heater	4-Res-EE P	Res	319	0.065	15	Manufacturer Supplied
17	Programable Thermostat_Heat	1-Res Audits	Res	466	0.000	15	DEER with Electric Heat
18	Programable Thermostat_CAC	4-Res-EE P	Res	39	0.066	15	DEER with CAC
19	CFL bulbs regular-15	1-Res Audits	Res	166	0.009	6.4	TRM
20	CFL bulbs regular-15	4-Res-EE P	Res	166	0.009	6.4	TRM
21	CFL bulbs regular - Outside - 15	4-Res-EE P	Res	80	0.000	6.4	TRM but Estimate of Hours from Survey
22	CFL bulbs regular - 19	4-Res-EE P	Res	52	0.003	6.4	TRM
23	Clothes Washer Energy Star, Electric Water heater, El	4-Res-EE P	Res	258	0.015	11	TRM with Electric Heat
24	Dehumidifiers	4-Res-EE P	Res	117	0.010	12	TRM
25	Freezers Energy Star-Chest Freezer	4-Res-EE P	Res	52	0.011	13	TRM
26	Holiday Lights	4-Res-EE P	Res	64	0.000	10	DSMore MI Database
27	LED Night Light	1-Res Audits	Res	44	0.000	12	DSMore MI Database
28	Pump and Motor Single Speed	4-Res-EE P	Res	694	0.357	10	DSMore MI Database
29	Refrigerators-Freezers Energy Star - Side by Side	4-Res-EE P	Res	95	0.013	13	TRM
30	Refrigerators-Freezers Energy Star - Top Freezer	4-Res-EE P	Res	90	0.013	13	TRM
31	Room Air Conditioners	4-Res-EE P	Res	59	0.059	10	TRM
32	Smart Strip plug outlet	4-Res-EE P	Res	184	0.013	5	DSMore MI Database
33	Torchiere Floor Lamps	4-Res-EE P	Res	105	0.006	10	TRM
34	Residential New Construction - 15%	5-RES New Con	Res	1,225	0.923	15	ACEEE PA Report
35	Residential New Construction - 30%	5-RES New Con	Res	2,449	1.845	15	ACEEE PA Report
36	Ceiling Fans	6-Res Whole	Res	180	0.020	10	ACEEE PA Report
37	Estar Windows	6-Res Whole	Res	700	0.038	15	ACEEE PA Report
38	Duct sealing 20 leakage base	6-Res Whole	Res	669	0.580	15	ACEEE PA Report
39	Low Flow Showerheads	6-Res Whole	Res	250	0.028	10	ACEEE PA Report
40	Kitchen Aerator	6-Res Whole	Res	114	0.024	9	DEER with Electric Heat
41	Bathroom Aerator	6-Res Whole	Res	57	0.012	9	DEER with Electric Heat
42	Pipe Wrap	6-Res Whole	Res	325	0.037	13	DEER with Electric Heat
43	Roof Insulation	6-Res Whole	Res	703	0.079	15	ACEEE PA Report
44	Whole Building	6-Res Whole	Res	-0	0.000	10	
45	Low Income Warm Program Through Act129	7-Low Income	LI RES	998	0.170	15	07' WARM Program M&V Average Savings

		Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
	46	Low Income Warm Program Through Act129 (Additi	7-Low Income	LI RES	184	0.013	5	DSMore MI Database
46	47	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits LI	LI RES	337	0.044	7.266667	Sum of Other Measures Listed
47	48	Schools Childern Education-No Savings	1-Res Audits LI	LI RES	166	0.009	6.4	4 CFLs from TRM
48	49	Refrigerator/Freezer recycling	2-RES App Turn-In LI	LI RES	1,728	0.238	8	TRM
49	50	Programable Thermostat_Heat	1-Res Audits LI	LI RES	466	-0	15	DEER with Electric Heat
50	51	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits LI	LI RES	$166	$0.009	6.4	TRM
51	52	CFL bulbs regular-15 -Free No Water HeatMailed At	4-Res-EE P LI	LI RES	166	0.009	6.4	TRM
52	53	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P LI	LI RES	80	0.000	6.4	TRM but Estimate of Hours from Survey
53	54	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P LI	LI RES	52	0.003	6.4	TRM
54	55	LED Night Light	1-Res Audits LI	LI RES	44	0.000	12	DSMore MI Database
55	56	Low Income Lighting-WarmLight	7-Low Income	LI RES	69	0.000	6.4	4 CFLs using 1 hour a day.
	57	Low Income Lighting-Warm SmartStrip	7-Low Income	LI RES	184	0.013	5	DSMore MI Database
56	58	Low Income Lighting-Low Usage	7-Low Income	LI RES	206	0.017	6.4	4 CFLs
57	59	Multiple Family - CFL Lighting	8-Multiple Family	Res	206	0.017	6.4	4 CFLs
58	60	Multiple Family - T8-Lighting	2-Governmental Programs	Gov	127	0.036	15	TRM
59	61	Commercial, Industrial Audit - Sm&Md	1-C/I Audits	SM C&I	-0	0.000	0	
60	62	Commercial, Industrial Audit - Large	1-C/I Audits	LG C&I	-0	0.000	0	
61	63	Commercial CFL Program	1-C/I Audits	SM C&I	198	0.056	6.4	1 CFL using ACEEE Estimate of Comm Hou
62	64	Commercial, Industrial Audit - Gov	1-C/I Audits	Gov	-0	0.000	0	
63	65	Exterior HID replacement above 175W to 250W HID	2-Governmental Programs	Gov	409	0.000	12	DSMore MI Database
64	66	HPT8 4ft 4 lamp, T12 to HPT8	2-Governmental Programs	Gov	127	0.036	15	TRM
65	67	LED Exit Signs Electronic Fixtures (RetrofitOnly)	2-Governmental Programs	Gov	158	0.018	10	TRM
66	68	Occupancy Sensors under 500 W	2-Governmental Programs	Gov	397	0.099	10	DSMore MI Database
67	69	LED Auto Traffic Signals	2-Governmental Programs	Gov	535	0.061	10	TRM 8"
68	70	LED Pedestrian Signals	2-Governmental Programs	Gov	946	0.108	10	TRM
69	71	Street Lighting - 175 Mercury to 100 HPS	2-Governmental Programs	Gov	329	0.000	10	=(175-100)*365*12/1000
70	72	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton	2-Governmental Programs	Gov	7,997	8.576	15	TRM
71	73	Water-Cooled Centrifugal Chiller < 150 ton0.56 kW/t	2-Governmental Programs	Gov	8,934	9.581	15	TRM
72	74	AC <65,000 1 Ph	3-C/I Equip	SM C&I	304	0.406	15	TRM
73	75	AC 65,000 - 135,000	3-C/I Equip	SM C&I	395	0.795	15	TRM
74	76	AC 240,000 - 760,000	3-C/I Equip	SM C&I	1,376	2.741	15	TRM
75	77	Clothes Washer CEE Tier1, Electric Water heater, Ele	3-C/I Equip	SM C&I	633	0.666	10	DSMore MI Database
76	78	Demand-controlled ventilation (DCV)	3-C/I Equip	SM C&I	8,000	1.340	15	ACEEE PA Report
77	79	Efficient Refrigeration Condenser	3-C/I Equip	SM C&I	120	0.118	15	DSMore MI Database
78	80	ENERGY STAR Commercial Solid Door Freezers less	3-C/I Equip	SM C&I	520	0.059	12	DSMore MI Database
79	81	ENERGY STAR Commercial Solid Door Freezers 20	3-C/I Equip	SM C&I	507	0.058	12	DSMore MI Database
80	82	ENERGY STAR Commercial Solid Door Refrigerator	3-C/I Equip	SM C&I	905	0.103	12	DSMore MI Database
81	83	ENERGY STAR Commercial Solid Door Refrigerator	3-C/I Equip	SM C&I	1,069	0.122	12	DSMore MI Database
82	84	ENERGY STAR Ice Machines less than 500 lbs	3-C/I Equip	SM C&I	1,652	0.189	12	DSMore MI Database
83	85	ENERGY STAR Ice Machines 500 to 1000 lbs	3-C/I Equip	SM C&I	2,695	0.308	12	DSMore MI Database
84	86	ENERGY STAR Ice Machines more than 1000 lbs	3-C/I Equip	SM C&I	6,048	0.690	12	DSMore MI Database
85	87	ENERGY STAR Steam Cookers 3 Pan	3-C/I Equip	SM C&I	11,188	2.550	12	DSMore MI Database
86	88	Exterior HID replacement above 175W to 250W HID	3-C/I Equip	SM C&I	409	0.000	12	DSMore MI Database
87	89	EE Water Heater	3-C/I Equip	SM C&I	319	0.065	15	Manufacturer Supplied
88	90	HP Water Heater (Base Usage 22831)	3-C/I Equip	SM C&I	14,200	2.880	15	ACEEE PA Report

		Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
~~89~~	91	HPT8 4ft 4 lamp, T12 to HPT8	3-C/I Equip	SM C&I	127	0.036	15	TRM
~~90~~	92	LED Exit Signs Electronic Fixtures (RetrofitOnly)	3-C/I Equip	SM C&I	158	0.018	10	TRM
~~91~~	93	Occupancy Sensors under 500 W	3-C/I Equip	SM C&I	397	0.099	10	DSMore MI Database
~~92~~	94	Plug Load Occupancy Sensors Document Stations	3-C/I Equip	SM C&I	803	0.055	5	DSMore MI Database
~~93~~	95	Commercial Smart Strip plug outlet	3-C/I Equip	SM C&I	184	0.013	5	DSMore MI Database
~~94~~	96	Pre Rinse Sprayers	3-C/I Equip	SM C&I	1,396	0.116	5	DSMore MI Database
~~95~~	97	Refrigerant charging correction	3-C/I Equip	SM C&I	712	1.014	10	DSMore MI Database
~~96~~	98	Refrigeration Commissioning	3-C/I Equip	SM C&I	375	0.043	3	DSMore MI Database
~~97~~	99	Strip curtains for walk-ins - freezer	3-C/I Equip	SM C&I	613	0.070	4	DSMore MI Database
~~98~~	100	Vending Equipment Controller	3-C/I Equip	SM C&I	800	0.210	5	DSMore MI Database
~~99~~	101	Window Film	3-C/I Equip	SM C&I	256	0.147	10	DSMore MI Database
~~100~~	102	Setback/Setup	3-C/I Equip	SM C&I	842	-0.007	9	DSMore MI Database
~~101~~	103	Demand-controlled ventilation (DCV)	4-C/I Equip	LG C&I	8,000	1.340	15	ACEEE PA Report
~~102~~	104	Exterior HID replacement above 175W to 250W HID	4-C/I Equip	LG C&I	409	0.000	12	DSMore MI Database
~~103~~	105	HPT8 4ft 4 lamp, T12 to HPT8	4-C/I Equip	LG C&I	127	0.036	15	TRM
~~104~~	106	Occupancy Sensors under 500 W	4-C/I Equip	LG C&I	397	0.099	10	DSMore MI Database
~~105~~	107	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton	4-C/I Equip	LG C&I	7,997	8.576	15	TRM
~~106~~	108	Water-Cooled Centrifugal Chiller < 150 ton0.56 kW/t	4-C/I Equip	LG C&I	8,934	9.581	15	TRM
~~107~~	109	Window Film	4-C/I Equip	LG C&I	12,802	7.344	15	DSMore MI Database
~~108~~	110	Motors 1 HP 1200	5-IND MOTOR	LG C&I	97	0.007	15	TRM
~~109~~	111	Motors 5 HP 1200	5-IND MOTOR	LG C&I	329	0.025	15	TRM
~~110~~	112	Motors 10 HP 1200	5-IND MOTOR	LG C&I	467	0.036	15	TRM
~~111~~	113	Motors 20 HP 1200	5-IND MOTOR	LG C&I	857	0.065	15	TRM
~~112~~	114	Motors 1 HP 3600	5-IND MOTOR	LG C&I	66	0.005	15	TRM
~~113~~	115	Motors 5 HP 3600	5-IND MOTOR	LG C&I	174	0.013	15	TRM
~~114~~	116	Motors 10 HP 3600	5-IND MOTOR	LG C&I	325~~4.9314~~	0.025~~4723~~	15	TRM
~~115~~	117	Motors 20 HP 3600	5-IND MOTOR	LG C&I	502~~1.6837~~	0.038~~172~~	15	TRM
~~116~~	118	Water Pumps with VFD's	5-IND MOTOR	LG C&I	1,360	0.024~~027~~	15	TRM
~~117~~	119	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	1,653	0.029~~203~~	15	TRM
~~118~~	120	Air Compressors with VFD's	5-IND MOTOR	LG C&I	774	0.01~~3674~~	15	TRM
~~119~~	121	Water Pumps with VFD's	5-IND MOTOR	LG C&I	6,800	0.120~~133~~	15	TRM
~~120~~	122	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	8,265	0.146~~015~~	15	TRM
~~121~~	123	Air Compressors with VFD's	5-IND MOTOR	LG C&I	3,870	0.068~~37~~	15	TRM
~~122~~	124	Water Pumps with VFD's	5-IND MOTOR	LG C&I	13,600	0.240~~267~~	15	TRM
~~123~~	125	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	16,530	0.292~~03~~	15	TRM
~~124~~	126	Air Compressors with VFD's	5-IND MOTOR	LG C&I	7,740	0.13~~7674~~	15	TRM

		Measure Name	Program	~~Rate Class~~	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
	1	DLC-CAC	Demand	~~Res~~	1,090	15,344	14,881	0	Res*Sat*Survey
	2	DLC-Pool Pumps	Demand	~~Res~~	57	700	540	0	Res*Sat*Survey
	3	DLC-Pool Pumps	Demand	~~Res~~	2	90	119	0	Res*Sat*Survey
	4	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits	~~Res~~	4,825	24,125	24,125	24,125	Res*Sat*Survey * 93.2%
	5	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	~~Res~~	25	125	125	125	Res*Sat*Survey
	6	Schools Childern Education-No Savings	1-Res Audits	~~Res~~	1,352	2,703	2,703	2,703	Estimate of Activity * 93.2%
	7	Refrigerator/Freezer recycling	2-RES App Turn-In	~~Res~~	1,374	6,868	6,868	6,868	Res*Sat*Survey * 93.2%
	8	Room Air Conditioners	2-RES App Turn-In	~~Res~~	305	1,525	1,525	1,525	Budgetary Limits
	9	ASHP - SEER 15	3-RES EE HVAC	~~Res~~	43	214	214	214	10% of CAC
	10	CAC - SEER 16	3-RES EE HVAC	~~Res~~	428	2,141	2,141	2,141	Res*Sat*Survey - Minus 10%
	11	CAC - Maintenance	3-RES EE HVAC	~~Res~~	442	2,211	2,211	2,211	Res*Sat*Survey
	12	Furnace Fans	3-RES EE HVAC	~~Res~~	9	44	44	44	Budgetary Limits
	13	EE Ground Source Heat Pump	4-Res-EE P	~~Res~~	0	15	15	15	Budgetary Limits
	14	Solar Water Heating	4-Res-EE P	~~Res~~	0	15	15	15	Budgetary Limits
	15	HP Water Heater	4-Res-EE P	~~Res~~	0	100	100	100	Budgetary Limits
	16	EE Water Heater	4-Res-EE P	~~Res~~	1,081	5,406	5,406	5,406	Res*Sat*Survey
	17	Programable Thermostat_Heat	4-Res-EE P	~~Res~~	334	1,670	1,670	1,670	Res*Sat*Survey * 93.2%
	18	Programable Thermostat_CAC	4-Res-EE P	~~Res~~	885	4,424	4,424	4,424	Res*Sat*Survey
	19	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits	~~Res~~	4,903	24,515	24,515	24,515	Res*Sat*Survey * 93.2%
	20	CFL bulbs regular-15 -Free No Water Heat Mailed At Request	4-Res-EE P	~~Res~~	4,671	23,354	23,354	23,354	Res*Sat*Survey * 93.2%
	21	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P	~~Res~~	5,978	29,890	29,890	29,890	Res*Sat*Survey * 93.2%
	22	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P	~~Res~~	42,234	211,172	211,172	211,172	Res*Sat*Survey * 93.2%
	23	Clothes Washer Energy Star, Electric Water heater, Electric Dryer	4-Res-EE P	~~Res~~	200	1,000	1,000	1,000	Budgetary Limits
	24	Dehumidifiers	4-Res-EE P	~~Res~~	200	1,000	1,000	1,000	Budgetary Limits
	25	Freezers Energy Star-Chest Freezer	4-Res-EE P	~~Res~~	200	1,000	1,000	1,000	Budgetary Limits
	26	Holiday Lights	4-Res-EE P	~~Res~~	536	2,681	2,681	2,681	Res*Sat*Survey
	27	LED Night Light	4-Res-EE P	~~Res~~	1,352	2,703	2,703	2,703	Free to School Audits * 93.2%
	28	Pump and Motor Single Speed	4-Res-EE P	~~Res~~	231	1,156	1,156	1,156	Res*Sat*Survey
	29	Refrigerators-Freezers Energy Star - Side by Side	4-Res-EE P	~~Res~~	200	1,000	1,000	1,000	Budgetary Limits
	30	Refrigerators-Freezers Energy Star - Top Freezer	4-Res-EE P	~~Res~~	200	1,000	1,000	1,000	Budgetary Limits
	31	Room Air Conditioners	4-Res-EE P	~~Res~~	2,741	10,964	10,964	10,964	Res*Sat*Survey
	32	Smart Strip plug outlet	4-Res-EE P	~~Res~~	2,746	13,728	13,728	13,728	(Res*Sat*Survey)*25%
	33	Torchiere Floor Lamps	4-Res-EE P	~~Res~~	300	1,500	1,500	1,500	Budgetary Limits
	34	Residential New Construction - 15%	5-RES New Con	~~Res~~	208	1,146	1,146	0	Budgetary Limits
	35	Residential New Construction - 30%	5-RES New Con	~~Res~~	208	1,146	1,146	0	Budgetary Limits
	36	Ceiling Fans	6-Res Whole	~~Res~~	120	150	150	150	Budgetary Limits
	37	Estar Windows	6-Res Whole	~~Res~~	120	150	150	150	Budgetary Limits
	38	Duct sealing 20 leakage base	6-Res Whole	~~Res~~	200	250	250	250	Budgetary Limits
	39	Low Flow Showerheads	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
	40	Kitchen Aerator	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
	41	Bathroom Aerator	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
	42	Pipe Wrap	6-Res Whole	~~Res~~	200	250	250	250	Budgetary Limits
	43	Roof Insulation	6-Res Whole	~~Res~~	200	250	250	250	Budgetary Limits
	44	Whole Building	6-Res Whole	~~Res~~	800	1,000	1,000	1,000	Budgetary Limits
	45	Low Income Warm Program Through Act129	7-Low Income	~~LI-RES~~	220	538	563	587	WARM Forecast * 25%
46		Low Income Warm Program Through Act129 (Additional SmartStrips)	7-Low Income	~~LI-RES~~	73	178	186	194	WARM Forecast * 25% * 1/3
47	~~46~~	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits LI	~~LI-RES~~	530	2,651	2,651	2,651	Res*Sat*Survey * 6.8%
48	~~47~~	Schools Childern Education-No Savings	1-Res Audits LI	~~LI-RES~~	149	297	297	297	Estimate of Activity * 6.8%
49	~~48~~	Refrigerator/Freezer recycling	2-RES App Turn-In LI	~~LI-RES~~	151	755	755	755	Res*Sat*Survey * 6.8%
50	~~49~~	Programable Thermostat_Heat	1-Res Audits LI	~~LI-RES~~	37	183	183	183	Res*Sat*Survey * 6.8%

		Measure Name	Program	Rate Class	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
51	50	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits LI	LI RES	539	2,694	2,694	2,694	Res*Sat*Survey * 6.8%
52	51	CFL bulbs regular-15 -Free No Water Heat Mailed At Request	4-Res-EE P LI	LI RES	513	2,566	2,566	2,566	Res*Sat*Survey * 6.8%
53	52	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P LI	LI RES	657	3,284	3,284	3,284	Res*Sat*Survey * 6.8%
54	53	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P LI	LI RES	4,641	23,203	23,203	23,203	Res*Sat*Survey * 6.8%
55	54	LED Night Light	1-Res Audits LI	LI RES	149	297	297	297	Free to School Audits * 6.8%
56	55	Low Income Lighting-Warm Light	7-Low Income	LI RES	879	2,152	2,252	2,348	WARM Forecast
57		Low Income Lighting-Warm SmartStrip	7-Low Income		200	710	743	775	WARM Forecast * 1/3
58	56	Low Income Lighting-Low Usage	7-Low Income	LI RES	663	3,316	3,316	3,316	Low Income - Low Usage Count
59	57	Multiple Family - CFL Lighting	8-Multiple Family	Res	380	1,899	1,899	1,899	PAHA Provided
60	58	Multiple Family - T8-Lighting	8-Multiple Family	SM C&I	380	1,899	1,899	1,899	PAHA Provided
61	59	Commercial, Industrial Audit - Sm&Mc	1-C/I Audits	SM C&I	150	750	750	750	Budgetary Limits
62	60	Commercial, Industrial Audit - Large	1-C/I Audits	LG C&I	15	75	75	75	Budgetary Limits
63	61	Commercial CFL Program	1-C/I Audits	SM C&I	10,606	53,031	53,031	53,031	Comm*Survey
64	62	Commercial, Industrial Audit - Gov	1-C/I Audits	Gov	0	60	60	60	Budgetary Limits
65	63	Exterior HID replacement above 175W to 250W HID retrofit	2-Governmental Programs	Gov	47	261	261	0	Base on Fed Sales
66	64	HPT8 4ft 4 lamp, T12 to HPT8	2-Governmental Programs	Gov	506	2,782	2,782	0	Base on Fed Sales
67	65	LED Exit Signs Electronic Fixtures (Retrofit Only)	2-Governmental Programs	Gov	83	458	458	0	Base on Fed Sales
68	66	Occupancy Sensors under 500 W	2-Governmental Programs	Gov	83	458	458	0	Base on Fed Sales
69	67	LED Auto Traffic Signals	2-Governmental Programs	Gov	1,333	7,333	7,333	0	Intersection Estimate
70	68	LED Pedestrian Signals	2-Governmental Programs	Gov	333	1,833	1,833	0	Intersection Estimate
71	69	Street Lighting - 175 Mercury to 100 HPS	2-Governmental Programs	Gov	892	4,462	4,462	4,462	Street Light Count
72	70	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	2-Governmental Programs	Gov	0	8	7	0	Fed Large User Counts
73	71	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	2-Governmental Programs	Gov	0	8	7	0	Fed Large User Counts
74	72	AC <65,000 1 Ph	3-C/I Equip	SM C&I	100	500	500	500	Budgetary Limits
75	73	AC 65,000 - 135,000	3-C/I Equip	SM C&I	40	200	200	200	Budgetary Limits
76	74	AC 240,000 - 760,000	3-C/I Equip	SM C&I	40	200	200	200	Budgetary Limits
77	75	Clothes Washer CEE Tier1, Electric Water heater, Electric Dryer	3-C/I Equip	SM C&I	40	200	200	200	Budgetary Limits
78	76	Demand-controlled ventilation (DCV)	3-C/I Equip	SM C&I	25	125	125	125	Budgetary Limits
79	77	Efficient Refrigeration Condenser	3-C/I Equip	SM C&I	40	200	200	200	Budgetary Limits
80	78	ENERGY STAR Commercial Solid Door Freezers less than 20ft3	3-C/I Equip	SM C&I	25	125	125	125	Budgetary Limits
81	79	ENERGY STAR Commercial Solid Door Freezers 20 to 48 ft3	3-C/I Equip	SM C&I	25	125	125	125	Budgetary Limits
82	80	ENERGY STAR Commercial Solid Door Refrigerators less than 20ft3	3-C/I Equip	SM C&I	25	125	125	125	Budgetary Limits
83	81	ENERGY STAR Commercial Solid Door Refrigerators 20 to 48 ft3	3-C/I Equip	SM C&I	25	125	125	125	Budgetary Limits
84	82	ENERGY STAR Ice Machines less than 500 lbs	3-C/I Equip	SM C&I	50	250	250	250	Budgetary Limits
85	83	ENERGY STAR Ice Machines 500 to 1000 lbs	3-C/I Equip	SM C&I	50	250	250	250	Budgetary Limits
86	84	*ENERGY STAR Ice Machines more than 1000 lbs*	3-C/I Equip	SM C&I	50	250	250	250	Budgetary Limits
87	85	ENERGY STAR Steam Cookers 3 Pan	3-C/I Equip	SM C&I	50	250	250	250	Budgetary Limits
88	86	Exterior HID replacement above 175W to 250W HID retrofit	3-C/I Equip	SM C&I	972	4,858	4,858	4,858	Comm*Survey
89	87	EE Water Heater (Base Usage 22831)	3-C/I Equip	SM C&I	140	698	698	698	Comm*Survey Minus 10%
90	88	HP Water Heater (Base Usage 22831)	3-C/I Equip	SM C&I	25	125	125	125	10% of Water Heating
91	89	HPT8 4ft 4 lamp, T12 to HPT8	3-C/I Equip	SM C&I	10,369	51,843	51,843	51,843	Comm*Survey*Square Foot Estimate
92	90	LED Exit Signs Electronic Fixtures (Retrofit Only	3-C/I Equip	SM C&I	3,910.7	19,553.6	19,553.6	19,553.6	Comm*Survey
93	91	Occupancy Sensors under 500 W	3-C/I Equip	SM C&I	2,467	12,334	12,334	12,334	Comm*Survey

		Measure Name	Program	~~Rate Class~~	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
94	~~92~~	Plug Load Occupancy Sensors Document Stations	3-C/I Equip	~~SM C&I~~	396	1,189	1,189	1,189	Comm*Survey
95	~~93~~	Smart Strip plug outlet	3-C/I Equip	~~SM C&I~~	1,373	6,864	6,864	6,864	Comm*Survey
96	~~94~~	Pre Rinse Sprayers	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
97	~~95~~	Refrigerant charging correction	3-C/I Equip	~~SM C&I~~	1,094	4,378	4,378	4,378	Comm*Survey
98	~~96~~	Refrigeration Commissioning	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
99	~~97~~	Strip curtains for walk-ins - freezer	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
100	~~98~~	Vending Equipment Controller	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
101	~~99~~	Window Film	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
102	~~100~~	Setback/Setup	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
103	~~101~~	Demand-controlled ventilation (DCV)	4-C/I Equip	~~LG C&I~~	1	4	4	4	Budgetary Limits
104	~~102~~	Exterior HID replacement above 175W to 250W HID retrofit	4-C/I Equip	~~LG C&I~~	578	3,086	3,086	3,086	Comm*Survey
105	~~103~~	HPT8 4ft 4 lamp, T12 to HPT8	4-C/I Equip	~~LG C&I~~	6,172	30,860	30,860	30,860	Comm*Survey*Square Foot Estimate
106	~~104~~	Occupancy Sensors under 500 W	4-C/I Equip	~~LG C&I~~	1,468	7,342	7,342	7,342	Comm*Survey
107	~~105~~	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	4-C/I Equip	~~LG C&I~~	10	50	50	50	Budgetary Limits
108	~~106~~	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	4-C/I Equip	~~LG C&I~~	3	15	15	15	Budgetary Limits
109	~~107~~	Window Film	4-C/I Equip	~~LG C&I~~	20	100	100	100	Budgetary Limits
110	~~108~~	Motors 1 HP 1200	5-IND MOTOR	~~LG C&I~~	100	500	500	500	Using NJ Experience for Motor Program
111	~~109~~	Motors 5 HP 1200	5-IND MOTOR	~~LG C&I~~	75	375	375	375	Using NJ Experience for Motor Program
112	~~110~~	Motors 10 HP 1200	5-IND MOTOR	~~LG C&I~~	50	250	250	250	Using NJ Experience for Motor Program
113	~~111~~	Motors 20 HP 1200	5-IND MOTOR	~~LG C&I~~	25	125	125	125	Using NJ Experience for Motor Program
114	~~112~~	Motors 1 HP 3600	5-IND MOTOR	~~LG C&I~~	100	500	500	500	Using NJ Experience for Motor Program
115	~~113~~	Motors 5 HP 3600	5-IND MOTOR	~~LG C&I~~	75	375	375	375	Using NJ Experience for Motor Program
116	~~114~~	Motors 10 HP 3600	5-IND MOTOR	~~LG C&I~~	50	250	250	250	Using NJ Experience for Motor Program
117	~~115~~	Motors 20 HP 3600	5-IND MOTOR	~~LG C&I~~	25	125	125	125	Using NJ Experience for Motor Program
118	~~116~~	Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
119	~~117~~	HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
120	~~118~~	Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
121	~~119~~	Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
122	~~120~~	HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
123	~~121~~	Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
124	~~122~~	Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
125	~~123~~	HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program
126	~~124~~	Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	8	40	40	40	Using NJ Experience for Motor Program

Calculation of Pennsylvania Electric Company's Energy Efficiency and Conservation ("EEC") Charge ("EEC-C") Rates
Effective February 1, 2010 ~~November 1, 2009~~

Line No.	Description	Penelec Residential Customer Class (1)	Penelec Non-Profit Customer Class (2)	Penelec Commercial Customer Class (3) ~~(2)~~	Penelec Street Lighting Customer Class (4)	Penelec Industrial Customer Class (5) ~~(3)~~	Penelec Total (6) ~~(4)~~	
1	2% of Penelec's Annual Revenues for 12 Months Ended 12/31/2006 for Maximum Annual Cost Recovery						$ 22,974,742	(A)
2	~~Revenue Adjustment Factor (48 Months / 43 Months)~~ 2% of Penelec's Annual Revenues for 12 Months Ended 12/31/2006 for Maximum Annual Cost Recovery for 48 months ending May 31, 2013 (Line 1 x 4 years)						~~4,116279~~ $ 91,898,968	
3	~~Maximum Annual Costs Recovery as Adjusted (Line 1 X Line 2)~~ Penelec's Estimated EEC Program Costs for 48 Months Ending May 31, 2013 (PUC Table 5)	$ 47,912,600	$ 243,353	$ 14,059,905	$ 2,762,575	$ 6,852,518	~~$ 25,646,222~~ $ 71,830,951	
4	~~Penelec's Estimated EEC Program Costs for 43 Months Ending May 31, 2013~~ PJM Peak Demand Program (PUC Table 3)	~~$ 47,600,832~~		~~$ 17,036,865~~		~~$ 9,082,906~~ $ 3,160,000	~~$ 74,620,603~~ $ 3,160,000	
5	~~Percentage of Customer Class' Program Costs to Total Company Program Costs~~ Penelec's Common Costs Allocated to Applicable Customer Sector (PUC Table 6b)	~~63.79%~~ $ 2,616,227	$ 12,393	~~22.83%~~ $ 724,561	$ 142,514	~~13.38%~~ $ 515,984	~~100.00%~~ $ 4,011,679	
6	~~Allocation of Annual Maximum Cost Recovery (Line 3, Column 4 X Line 5)~~ Penelec's Estimated PJM Economic Load Response Program Costs	~~$ 16,350,725~~		~~$ 5,855,032~~		~~$ 3,431,465~~ $ 35,065	~~$ 25,646,222~~ $ 35,065	
7	Penelec Subtotal subject to 2% cap (Sum Lines 3-6)	$ 50,528,827	$ 255,746	$ 14,784,466	$ 2,905,089	$ 10,563,567	$ 79,037,695	
8	Penelec's Share of Statewide Evaluator Costs	$ 542,718	$ 2,571	$ 150,305	$ 29,564	$ 107,036	$ 832,194	
9	Total EEC Costs for 48 months Ending May 31, 2013 (Sum Line 7 + 8)	$ 51,071,545	$ 258,317	$ 14,934,771	$ 2,934,653	$ 10,670,603	$ 79,869,889	
10	Total EEC Costs on Annualized Basis (Line 9 / 40 months x 12 months)	$ 15,321,464	$ 77,495	$ 4,480,431	$ 880,396	$ 3,201,181	$ 23,960,967	
~~7~~ 11	Customer Class Projected 2010 Kilowatt-Hours ("kWh") Delivered or Peak Load Contribution Kilowatt ("kW")	~~4,590,463,830 kWhs~~ 4,572,033,364 kWhs	59,885,748 kWhs	~~3,695,834,663 kWhs~~ 3,654,379,378 kWhs	41,720,178 kWhs	~~6,001,210,816 kWhs~~ 10,338,168 kWs	~~14,287,765,055 kWhs~~	
~~8~~ 12	EEC-C Rates Before Pa Gross Receipts Tax Gross-Up Factor ~~(Line 6 / Line 7)~~ (Line 10 / Line 11)	~~$ 0.00356 per kWh~~ $ 0.00335 per kWh	$ 0.00129 per kWh	~~$ 0.00158 per kWh~~ $ 0.00123 per kWh	$ 0.02110 per kWh	~~$ 0.00057 per kWh~~ $ 0.30965 per kW		
~~9~~ 13	Pa Gross Receipts Tax Gross-Up Factor [1 / (1-T) with T = 5.90% Pa Gross Receipts Tax in Base Rates]	1.062699	1.062699	1.062699	1.062699	1.062699		
~~10~~ 14	**Proposed EEC-C Rates Effective ~~November 1, 2009~~ February 1, 2010 ~~(Line 8 x Line 9)~~ (Line 12 X Line 13)**	~~$ 0.00378 per kWh~~ $ 0.00356 per kWh	$ 0.00137 per kWh	~~$ 0.00168 per kWh~~ $ 0.00131 per kWh	$ 0.02242 per kWh	~~$ 0.00061 per kWh~~ $ 0.33 per kW		

(A) Pennsylvania's Act 129 of 2008 states that the maximum annual cost recovery for Energy Efficiency and Conservation Programs cannot exceed 2% of the electric distribution company's total annual revenue as of December 31, 2006.

PENNSYLVANIA POWER COMPANY
Docket No. M-2009-2112956

REPLACEMENT PAGES FOR
ENERGY EFFICIENCY AND CONSERVATION PLAN

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PUC Table 7A: TRC Benefits Table – Residential

Residential					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Demand Reduction	2010	~~1.11~~	~~138,300~~	153,190	139,265	See footnote 1	13,925	See footnote 2	243	2,755	12	1,516
		1.08	142,238									
	2011	1.48	724,570	1,075,207	979,687		95,520		1,841	2,755	87	1,516
	2012	1.80	366,244	660,835	604,148		56,687		2,755	2,755	131	1,516
	2013	0.00	-0	-0	-0		-0		2,755	2,755	131	1,516
Home Energy Audits	2010	~~4.29~~	~~173,451~~	743,896	35,310		708,586		88	1,340	1,198	154,445
		4.21	176,798									
	2011	~~5.02~~	~~717,238~~	3,597,162	183,217		3,413,945		505	1,340	6,709	154,445
		5.01	717,405									
	2012	5.21	~~717,238~~	3,738,613	201,442		3,537,171		923	1,340	12,221	154,445
			717,405									
	2013	5.39	~~717,238~~	3,865,921	212,017		3,653,904		1,340	1,340	17,732	154,445
			717,405									
Appliance Turn-In	2010	~~4.90~~	~~89,669~~	439,774	42,818		396,956		106	1,697	750	85,250
		4.76	92,294									
	2011	5.83	~~396,368~~	2,311,842	233,261		2,078,581		636	1,697	4,498	85,250
			396,499									
	2012	6.10	~~396,368~~	2,418,092	256,440		2,161,652		1,167	1,697	8,246	85,250
			396,499									
	2013	6.32	~~396,368~~	2,506,538	269,889		2,236,648		1,697	1,697	11,994	85,250
			396,499									
EE HVAC	2010	~~0.84~~	~~308,082~~	259,304	110,109		149,195		234	~~3,749~~	234	~~35,684~~
		0.83	312,463							3,750		36,765
	2011	~~0.92~~	~~1,491,644~~	~~1,375,673~~	~~594,394~~		~~781,279~~		1,406	~~3,749~~	~~1,405~~	~~35,684~~
		0.93	1,504,393	1,398,103	594,790		803,313			3,750	1,432	36,765
	2012	~~0.97~~	~~1,491,644~~	~~1,453,319~~	~~646,687~~		~~806,632~~		~~2,577~~	~~3,749~~	~~2,575~~	~~35,684~~
		0.98	1,504,393	1,476,438	647,112		829,326		2,578	3,750	2,629	36,765
	2013	~~1.01~~	~~1,491,644~~	~~1,508,230~~	~~677,290~~		~~830,940~~		~~3,749~~	~~3,749~~	~~3,746~~	~~35,684~~
		1.02	1,504,393	1,532,009	677,731		854,277		3,750	3,750	3,827	36,765
EE Products	2010	~~2.59~~	~~318,185~~	823,880	73,042		750,837		157	~~2,451~~	1,469	~~166,594~~
		2.58	319,324							2,449		165,513
	2011	~~2.80~~	~~1,554,460~~	~~4,354,111~~	~~384,233~~		~~3,969,879~~		~~922~~	~~2,451~~	~~8,853~~	~~166,594~~
		2.81	1,541,987	4,331,682	383,836		3,947,845		921	2,449	8,826	165,513
	2012	~~2.92~~	~~1,554,460~~	~~4,536,291~~	~~418,477~~		~~4,117,814~~		~~1,686~~	~~2,451~~	~~16,237~~	~~166,594~~
		2.93	1,541,987	4,513,172	418,052		4,095,119		1,685	2,449	16,183	165,513
	2013	~~3.03~~	~~1,554,460~~	~~4,706,640~~	~~438,579~~		~~4,268,060~~		~~2,451~~	~~2,451~~	~~23,621~~	~~166,594~~
		3.04	1,541,987	4,682,861	438,138		4,244,723		2,449	2,449	23,540	165,513

New Construction	2010	~~*1.80*~~	~~239,783~~	432,407	161,316		271,091		259	3,111	344	55,110
		1.78	242,408									
	2011	*1.97*	~~1,261,583~~	2,489,006	944,243		1,544,763		1,685	3,111	2,236	55,110
			1,261,715									
	2012	*2.06*	~~1,261,583~~	2,602,544	1,011,434		1,591,110		3,111	3,111	4,128	55,110
			1,261,715									
	2013	*0.00*	~~525~~	-0	-0		-0		3,111	3,111	4,128	55,110
			656									
Whole Building	2010	~~*0.58*~~	~~152,498~~	87,845	15,549		72,296		27	189	104	7,873
		0.57	155,171									
	2011	*0.65*	~~284,146~~	183,714	33,213		150,501		81	189	311	7,873
			284,280									
	2012	*0.67*	~~284,146~~	190,860	35,723		155,136		135	189	519	7,873
			284,280									
	2013	*0.69*	~~284,146~~	196,731	37,225		159,505		189	189	727	7,873
			284,280									
Multiple Family	2010	~~*1.62*~~	~~7,666~~	12,389	727		11,662		2	32	24	2,431
		1.39	8,916									
	2011	~~*4.80*~~	~~13,579~~	65,240	3,990		61,250		12	32	146	2,431
		4.78	13,641									
	2012	~~*5.01*~~	~~13,579~~	68,070	4,417		63,653		22	32	268	2,431
		4.99	13,641									
	2013	~~*5.22*~~	~~13,579~~	70,815	4,661		66,154		32	32	390	2,431
		5.19	13,641									
Total		**2.55**	~~**18,414,445**~~	**46,928,136**	**8,752,803**		**38,175,333**		**15,323**	**15,323**	**62,468**	**508,904**
			18,439,128									

1: Generation, Transmission and Distribution Capacity costs are combined in a sum of avoided capacity costs. These costs are then NPV back to the year the measure unit was installed. The combined avoided capacity costs can not be identified by component therefore the total avoided capacity costs for Generation, Transmission and Distribution are displayed here.

2: The on and off peak energy costs are combined in a sum of avoided energy costs. These costs are then NPV back to the year the measure unit was installed. The combined avoided energy costs can not be identified by component therefore the total avoided energy costs for on and off peak energy costs are displayed here.

PUC Table 7B: TRC Benefits Table - Residential Low-Income

Residential Low-Income				TRC Benefits By Program Per Year ($000)									
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Warm Plus	*2010*	~~0.49~~	~~233,444~~	~~114,235~~	~~10,341~~	See footnote 1 on PUC Table 7A	~~103,894~~	See footnote 2 on PUC Table 7A	~~18~~	~~118~~	~~157~~	~~10,706~~
		0.50	243,963	123,015	10,775		112,241		20	131	180	11,507
	2011	~~0.87~~	~~267,909~~	~~233,476~~	~~17,549~~		~~215,927~~		~~51~~	~~118~~	~~523~~	~~10,706~~
		0.91	279,320	253,775	18,616		235,159		57	131	596	11,507
	2012	~~0.91~~	~~268,594~~	~~243,762~~	~~19,045~~		~~224,717~~		~~85~~	~~118~~	~~890~~	~~10,706~~
		0.95	280,413	265,883	20,307		245,576		94	131	1,016	11,507
	2013	~~0.94~~	~~269,142~~	~~253,430~~	~~19,923~~		~~233,507~~		~~118~~	~~118~~	~~1,260~~	~~10,706~~
		0.99	281,287	277,160	21,308		255,852		131	131	1,440	11,507
Residential Audits	*2010*	~~0.62~~	~~123,996~~	76,785	3,622	See footnote 1 on PUC Table 7A	73,162	See footnote 2 on PUC Table 7A	9	139	125	16,017
		0.51	150,966									
	2011	~~5.17~~	~~72,213~~	373,080	18,879		354,200		52	139	698	16,017
		5.16	72,326									
	2012	~~5.37~~	~~72,213~~	387,722	20,762		366,960		95	139	1,272	16,017
		5.36	72,326									
	2013	~~5.55~~	~~72,213~~	400,982	21,855		379,127		139	139	1,845	16,017
		5.54	72,326									
Appliance Turn-In	*2010*	~~0.50~~	~~91,232~~	45,940	4,399	See footnote 1 on PUC Table 7A	41,541	See footnote 2 on PUC Table 7A	11	172	78	8,924
		0.41	112,125									
	2011	~~6.26~~	~~38,574~~	241,444	23,941		217,503		65	172	470	8,924
		6.25	38,640									
	2012	~~6.55~~	~~38,574~~	252,489	26,298		226,191		118	172	862	8,924
		6.53	38,640									
	2013	~~6.78~~	~~38,574~~	261,701	27,668		234,033		172	172	1,253	8,924
		6.77	38,640									

Energy Efficient Products	*2010*	~~5.29~~	~~10,209~~	54,030	1,801		52,228		~~30~~	79	109	10,889
		5.06	10,680						5			
	2011	~~6.82~~	~~41,702~~	284,201	9,886	See footnote 1 on PUC Table 7A	274,315	See footnote 2 on PUC Table 7A	~~54~~	79	655	10,889
		6.81	41,725						30			
	2012	~~7.10~~	~~41,702~~	296,023	10,943		285,081		~~79~~	79	1,202	10,889
		7.09	41,725						54			
	2013	7.38	~~41,702~~	307,829	11,548		296,281		79	79	1,748	10,889
			41,725									
~~**Original Warm Savings**~~	~~*2010*~~	~~Original Warm Program Costs and Benefits are not included in the Plan, only the Savings~~							~~37~~		~~238~~	
	~~*2011*~~								~~127~~		~~810~~	
	~~*2012*~~								~~258~~		~~1,654~~	
	~~*2013*~~								~~394~~	~~N/A~~	~~2,524~~	~~N/A~~
Total		~~2.22~~	~~1,721,992~~	~~3,827,129~~	~~248,460~~		~~3,578,670~~		~~508~~	~~508~~	~~6,106~~	~~46,535~~
		2.15	1,816,826	3,902,059	252,607		3,649,452		520	520	6,286	47,336

PUC Table 7C: TRC Benefits Table - Commercial/Industrial Small

Commercial/Industrial Small	TRC Benefits By Program Per Year ($000)											
									Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Capacity Annual Benefits	Capacity Annual Gen/T&D	Energy Annual Benefits	Energy Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Energy Audit	*2010*	~~*2.47*~~	~~137,062~~	337,959	66,174	See footnote 1 on PUC Table 7A	271,784	See footnote 2 on PUC Table 7A	181	2,896	641	63,882
		2.40	140,969									
	2011	*3.41*	~~544,767~~	1,856,449	363,157		1,493,292		1,086	2,896	3,845	63,882
			544,962									
	2012	*1.61*	~~1,257,947~~	2,021,748	401,976		1,619,771		1,991	2,896	7,050	63,882
			1,258,142									
	2013	*1.68*	~~1,257,947~~	2,108,602	424,204		1,684,399		2,896	2,896	10,254	63,882
			1,258,142									
Equipment Rebate	*2010*	~~*2.02*~~	~~964,250~~	1,952,144	493,660		1,458,484		955	13,810	2,327	383,521
		1.99	979,354									
	2011	*2.24*	~~4,444,651~~	9,951,565	2,395,777		7,555,788		5,240	13,810	13,455	383,521
			4,445,407									
	2012	*2.39*	~~4,444,651~~	10,613,378	2,587,368		8,026,010		9,525	13,810	24,583	383,521
			4,445,407									
	2013	*2.47*	~~4,444,651~~	10,962,947	2,702,114		8,260,833		13,812	13,810	35,706	383,521
			4,445,407									
~~**Multiple-Family**~~	~~*2010*~~	~~*0.67*~~	~~21,606~~	~~14,543~~	~~2,652~~		~~11,891~~		~~4~~	~~68~~	~~15~~	~~3,223~~
	~~*2011*~~	~~*5.58*~~	~~13,579~~	~~75,713~~	~~14,114~~		~~61,599~~		~~26~~	~~68~~	~~91~~	~~3,223~~
	~~*2012*~~	~~*5.79*~~	~~13,579~~	~~78,566~~	~~15,118~~		~~63,448~~		~~47~~	~~68~~	~~166~~	~~3,223~~
	~~*2013*~~	~~*5.96*~~	~~13,579~~	~~80,967~~	~~15,722~~		~~65,245~~		~~68~~	~~68~~	~~241~~	~~3,223~~
Total		~~**2.28**~~	~~**17,558,269**~~	~~**40,054,582**~~	~~**9,482,036**~~		~~**30,572,546**~~		~~**16,776**~~	~~**16,775**~~	~~**46,201**~~	~~**450,627**~~
		2.27	**17,517,791**	**39,804,793**	**9,434,430**		**30,370,363**		**16,708**	**16,707**	**45,959**	**447,403**

PUC Table 7D: TRC Benefits Table - Commercial/Industrial Large

Commercial/Industrial Large					TRC Benefits By Program Per Year ($000)							
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Equipment Rebate	*2010*	~~*0.939*~~	~~516,585~~	485,069	152,526		332,542		254	4,074	560	119,480
		0.94	518,252									
	2011	~~*1.0042*~~	~~2,812,600~~	2,824,408	816,230		2,008,178		1,527	4,074	3,715	119,480
		1.00	2,812,683									
	2012	~~*1.1234*~~	~~2,686,710~~	3,018,123	875,898		2,142,225		2,801	4,074	6,870	119,480
		1.12	2,686,794									
	2013	*1.16*	~~2,686,710~~	3,116,653	911,696	See footnote 1 on PUC Table 7A	2,204,958	See footnote 2 on PUC Table 7A	4,074	4,074	10,025	119,480
			2,686,794									
Industrial Motors and VSD	*2010*	~~*1.1406*~~	~~94,429~~	107,706	2,899		104,807		5	75	166	35,408
		1.03	105,054									
	2011	~~*2.2062*~~	~~261,771~~	577,528	15,425		562,102		28	75	995	35,408
		2.20	262,302									
	2012	~~*2.3493*~~	~~261,771~~	614,988	16,523		598,465		51	75	1,823	35,408
		2.34	262,302									
	2013	~~*2.4194*~~	~~261,771~~	633,336	17,182		616,153		75	75	2,652	35,408
		2.41	262,302									
Total		**1.19**	~~**9,582,347**~~	**11,377,811**	**2,808,380**		**8,569,431**		**4,149**	**4,149**	**12,677**	**154,888**
			9,596,483									

PUC Table 7E: TRC Benefits Table - Governmental/Non-Profit

Governmental/Non-Profit	TRC Benefits By Program Per Year ($000)											
					Capacity	Capacity	Energy	Energy	Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Annual Benefits	Annual Gen/T&D	Annual Benefits	Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Governmental & Institutional	*2010*	~~*1.6276*~~	~~559,950~~	~~911,402~~	~~175,175~~		~~736,227~~		~~343~~	~~5,020~~	~~1,274~~	~~181,903~~
		1.54	601,192	925,945	177,827	See footnote 1 on PUC Table 7A	748,118	See footnote 2 on PUC Table 7A	347	5,088	1,289	185,126
	2011	~~*1.9383*~~	~~2,614,880~~	~~5,068,490~~	~~935,165~~		~~4,133,325~~		~~2,032~~	~~5,020~~	~~7,899~~	~~181,903~~
		1.91	2,699,140	5,144,204	949,279		4,194,925		2,058	5,088	7,990	185,126
	2012	~~*1.9766*~~	~~2,740,770~~	~~5,417,185~~	~~1,011,331~~		~~4,406,154~~		~~3,722~~	~~5,020~~	~~14,525~~	~~181,903~~
		1.95	2,825,029	5,496,051	1,026,450		4,469,601		3,769	5,088	14,691	185,126
	2013	~~*1.913*~~	~~1,832,847~~	~~3,506,233~~	~~811,085~~		~~2,695,148~~		~~5,020~~	~~5,020~~	~~18,399~~	~~181,903~~
		1.87	1,917,107	3,587,200	826,806		2,760,393		5,088	5,088	18,640	185,126
Total		~~**1.92**~~	~~**7,748,447**~~	~~**14,903,610**~~	~~**2,932,756**~~		~~**11,970,854**~~		~~**5,020**~~	~~**5,020**~~	~~**18,399**~~	~~**181,903**~~
		1.88	**8,042,468**	**15,153,399**	**2,980,362**		**12,173,037**		**5,088**	**5,088**	**18,640**	**185,126**

Calculation of Pennsylvania Power Company's Energy Efficiency and Conservation ("EEC") Charge ("EEC-C") Rates
Effective February 1, 2010 ~~November 1, 2009~~

Line No.	Description	Penn Power Residential Customer Class (1)	Penn Power Non-Profit Customer Class (2)	Penn Power Commercial Customer Class (3) ~~(2)~~	Penn Power Street Lighting Customer Class (4)	Penn Power Industrial Customer Class (5) ~~(3)~~	Penn Power Total (6) ~~(4)~~
1	2% of Penn Power's Annual Revenues for 12 Months Ended 12/31/2006 for Maximum Annual Cost Recovery						$ 6,659,789 (A)
2	~~Revenue Adjustment Factor (48 Months / 43 Months)~~						~~1.116279~~
	2% of Penn Power's Annual Revenues for 12 Months Ended 12/31/2006 for Maximum Annual Cost Recovery for 48 months ending May 31, 2013 (Line 1 x 4 years)						$ 26,639,156
3	~~Maximum Annual Costs Recovery as Adjusted (Line 1 X Line 2)~~						~~$ 7,434,183~~
	Penn Power's Estimated EEC Program Costs for 48 Months Ending May 31, 2013 (PUC Table 5)	$ 12,917,611	$ 15,251	$ 4,545,597	$ 328,225	$ 2,626,118	$ 20,432,832
4	~~Penn Power's Estimated EEC Program Costs for 43 Months Ending May 31, 2013~~	~~$ 12,798,085~~		~~$ 4,860,135~~		~~$ 7,336,505~~	~~$ 24,994,735~~
	PJM Peak Demand Program (PUC Table 3)	$ -	$ -	$ -	$ -	$ 4,740,000	$ 4,740,000
5	~~Percentage of Customer Class' Program Costs to Total Company Program Costs~~	~~51.20%~~		~~19.44%~~		~~29.36%~~	~~100.00%~~
	Penn Power's Common Costs Allocated to Applicable Customer Sector (PUC Table 5b)	$ 548,134	$ 617	$ 184,041	$ 13,291	$ 298,237	$ 1,044,320
6	~~Allocation of Annual Maximum Cost Recovery (Line 3, Column 4 X Line 5)~~	~~$ 3,806,302~~		~~$ 1,445,205~~		~~$ 2,182,676~~	~~$ 7,434,183~~
	Penn Power Subtotal subject to 2% cap (Sum Lines 3-6)	$ 13,465,745	$ 15,868	$ 4,729,638	$ 341,546	$ 7,664,355	$ 26,217,152
7	Penn Power's Share of Statewide Evaluator Costs	$ 74,618	$ 84	$ 25,054	$ 1,809	$ 40,599	$ 142,164
8	Total EEC Costs for 48 months Ending May 31, 2013 (Sum Line 6 + 7)	$ 13,540,363	$ 15,952	$ 4,754,692	$ 343,355	$ 7,704,954	$ 26,359,316
9	Total EEC Costs on Annualized Basis (Line 8 / 40 months x 12 months)	$ 4,062,109	$ 4,786	$ 1,426,408	$ 103,007	$ 2,311,486	$ 7,907,796
~~7~~ 10	Customer Class Projected 2010 Kilowatt-Hours ("kWh") Delivered or Billing kVA	~~1,762,213,531 kWhs~~ 1,759,929,372 kWhs	2,278,938 kWhs	~~1,294,287,225 kWhs~~ 1,294,292,443 kWhs	6,541,188 kWhs	~~1,611,372,016 kWhs~~ 3,980,504 kVas	~~4,667,873,771 kWhs~~
~~8~~ 11	EEC-C Rates Before Pa Gross Receipts Tax Gross-Up Factor ~~(Line 6 / Line 7)~~ (Line 9 / Line 10)	~~$ 0.00216 per kWh~~ $ 0.00231 per kWh	$ 0.00210 per kWh	~~$ 0.00112 per kWh~~ $ 0.00110 per kWh	$ 0.01575 per kWh	~~$ 0.00135 per kWh~~ $ 0.58070 per kVa	
~~9~~ 12	Pa Gross Receipts Tax Gross-Up Factor [1 / (1-T) with T = 4.40% Pa Gross Receipts Tax in Base Rates]	1.046025	1.046025	1.046025	1.046025	1.046025	
~~10~~ 13	Proposed EEC-C Rates Effective ~~November 1, 2009~~ February 1, 2010 ~~(Line 8 x Line 9)~~ (Line 11 X Line 12)	~~$ 0.00226 per kWh~~ $ 0.00242 per kWh	$ 0.00220 per kWh	~~$ 0.00117 per kWh~~ $ 0.00115 per kWh	$ 0.01647 per kWh	~~$ 0.00141 per kWh~~ $ 0.61 per kVa	

(A) Pennsylvania's Act 129 of 2008 states that the maximum annual cost recovery for Energy Efficiency and Conservation Programs cannot exceed 2% of the electric distribution company's total annual revenue as of December 31, 2006.

PUC Table 7C: TRC Benefits Table - Commercial/Industrial Small

Commercial/Industrial Small					TRC Benefits By Program Per Year ($000)							
									Load Reductions in kW		MWh Saved	
Program	Program Year	TRC	Program Costs ($000)	Program Benefits ($000)	Capacity Annual Benefits	Capacity Annual Gen/T&D	Energy Annual Benefits	Energy Annual On/Off Peak	Annual	Lifetime	Annual	Lifetime
Energy Audit	*2010*	~~*2.47*~~	~~137,062~~	337,959	66,174	See footnote 1 on PUC Table 7A	271,784	See footnote 2 on PUC Table 7A	181	2,896	641	63,882
		2.40	140,969									
	2011	*3.41*	~~544,767~~	1,856,449	363,157		1,493,292		1,086	2,896	3,845	63,882
			544,962									
	2012	*1.61*	~~1,257,947~~	2,021,748	401,976		1,619,771		1,991	2,896	7,050	63,882
			1,258,142									
	2013	*1.68*	~~1,257,947~~	2,108,602	424,204		1,684,399		2,896	2,896	10,254	63,882
			1,258,142									
Equipment Rebate	*2010*	~~*2.02*~~	~~964,250~~	1,952,144	493,660		1,458,484		955	13,810	2,327	383,521
		1.99	979,354									
	2011	*2.24*	~~4,444,651~~	9,951,565	2,395,777		7,555,788		5,240	13,810	13,455	383,521
			4,445,407									
	2012	*2.39*	~~4,444,651~~	10,613,378	2,587,368		8,026,010		9,525	13,810	24,583	383,521
			4,445,407									
	2013	*2.47*	~~4,444,651~~	10,962,947	2,702,114		8,260,833		13,812	13,810	35,706	383,521
			4,445,407									
~~**Multiple Family**~~	~~*2010*~~	~~*0.67*~~	~~21,606~~	~~14,543~~	~~2,652~~		~~11,891~~		~~4~~	~~68~~	~~15~~	~~3,223~~
	~~*2011*~~	~~*5.58*~~	~~13,579~~	~~75,713~~	~~14,114~~		~~61,599~~		~~26~~	~~68~~	~~91~~	~~3,223~~
	~~*2012*~~	~~*5.79*~~	~~13,579~~	~~78,566~~	~~15,118~~		~~63,448~~		~~47~~	~~68~~	~~166~~	~~3,223~~
	~~*2013*~~	~~*5.96*~~	~~13,579~~	~~80,967~~	~~15,722~~		~~65,245~~		~~68~~	~~68~~	~~241~~	~~3,223~~
Total		~~**2.28**~~	~~**17,558,269**~~	~~**40,054,582**~~	~~**9,482,036**~~		~~**30,572,546**~~		~~**16,776**~~	~~**16,775**~~	~~**46,201**~~	~~**450,627**~~
		2.27	**17,517,791**	**39,804,793**	**9,434,430**		**30,370,363**		**16,708**	**16,707**	**45,959**	**447,403**

Table 4: Program Summaries

	Program Name	Program Market	Program Two Sentence Summary	Program Years Operated	Net Lifetime MWh Savings	Net Peak Demand kW Savings	Percentage of Portfolio and Total Lifetime MWh savings %
Commercial/ Industrial Small Portfolio Programs	Energy Audit	Small C&I	Provides two levels of energy audit services 1) a simple walk-through audit for small business with non-complex loads, and 2) a more comprehensive assessment for medium to large non-residential customers to help identify existing end uses of energy and find specific ways in which energy savings can be achieved.	4	63,882	2,896	~~4.6%~~ 4.8%
	Equipment Rebate	Small C&I	Provides for the implementation of cost effective, high efficiency non-standard measures through the authorized Conservation Service Provider (CSP) contractor network for local, state and federal buildings, as well as for institutional customers.	4	383,521	13,810	~~27.7%~~ 28.5%
	~~Multiple Family~~	~~Small C&I~~	~~This program will be delivered in cooperation PHFA, and will target low income communities. The program seeks to motivate property owner/manager and landlords toward installing energy efficiency measures. Costs associated with Residential accounts will be tracked through the Residential multifamily program. Costs associated with non-residential accounts will be tracked through the C/I multifamily program.~~	~~4~~	~~3,223~~	~~68~~	~~0.2%~~
	Totals for C/I Small Sector				~~450,627~~ 447,403	~~16,775~~ 16,707	~~32.6%~~ 33.3%
Commercial/ Industrial Large Portfolio Programs	Equipment Rebate	Large C&I	Provides for the implementation of cost effective, high efficiency non-standard measures through the authorized Conservation Service Provider (CSP) contractor network for local, state and federal buildings, as well as for institutional customers.	4	119,480	4,074	~~8.6%~~ 8.9%
	Industrial Motors and VSD	Large C&I	This program is designed to encourage the company's commercial and industrial customers to: 1. Upgrade their existing motors to NEMA Premium® motors when switching out old motors due to breakdowns and or programmed replacements 2. Install variable speed drives on motors that do not always operate at the same speed.	4	35,408	75	2.6%
	Totals for C/I Large Sector				**154,888**	**4,149**	~~11.2%~~ 11.5%
Governmental/ Non-Profit Portfolio Programs	Governmental & Institutional	Gov't	This program involves a feasibility study to identify energy savings opportunity to expedite the Federal and municipal agencies taking action. Provides for the implementation of cost effective, high efficiency standard and non-standard measures through a Conservation Service Provider (CSP) for local, state and federal buildings, as well as for institutional customers.	4	~~151,903~~ 185,126	~~5,020~~ 5,088	~~13.1%~~ 13.8%
	Totals for Gov't/NP Sector Programs				**185,126**	**5,088**	~~13.4%~~ 13.8%
Total for Plan					~~1,383,934~~ 1,343,657	~~42,237~~ 41,787	100.0%

	Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
1	DLC-CAC	Demand	Res	36	0.720	13	TRM
2	DLC-Pool Pumps	Demand	Res	38	1.470	13	TRM
3	DLC-Water Heat	Demand	Res	38	1.070	13	TRM
4	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	Res	337	0.044	7	Sum of Other Measures Listed
5	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	Res	337	0.044	7	Sum of Other Measures Listed
6	Schools Childern Education-No Savings	1-Res Audits	Res	166	0.009	6	4 CFLs from TRM
7	Refrigerator/Freezer recycling	2-RES App Turn-In	Res	1,728	0.238	8	TRM
8	Room Air Conditioners	2-RES App Turn-In	Res	71	0.072	5	TRM + Energy Star Calcuator
9	ASHP - SEER 15	3-RES EE HVAC	Res	2,008	0.297	12	TRM
10	CAC - SEER 15	3-RES EE HVAC	Res	225	0.297	15	TRM
11	CAC - Maintenance	3-RES EE HVAC	Res	219	0.290	7	TRM
12	Furnace Fans	3-RES EE HVAC	Res	367	0.000	15	ACEEE PA Report
13	EE Ground Source Heat Pump	3-RES EE HVAC	Res	4,804	0.106	15	TRM
14	Solar Water Heating	4-Res-EE P	Res	2,371	0.481	15	DSMore MI Database
15	HP Water Heater	4-Res-EE P	Res	2,371	0.481	15	DSMore MI Database
16	EE Water Heater	4-Res-EE P	Res	319	0.065	15	Manufacturer Supplied
17	Programable Thermostat_Heat	1-Res Audits	Res	466	0.000	15	DEER with Electric Heat
18	Programable Thermostat_CAC	4-Res-EE P	Res	39	0.066	15	DEER with CAC
19	CFL bulbs regular-15	1-Res Audits	Res	166	0.009	6.4	TRM
20	CFL bulbs regular-15	4-Res-EE P	Res	166	0.009	6.4	TRM
21	CFL bulbs regular - Outside - 15	4-Res-EE P	Res	80	0.000	6.4	TRM but Estimate of Hours from Survey
22	CFL bulbs regular - 19	4-Res-EE P	Res	52	0.003	6.4	TRM
23	Clothes Washer Energy Star, Electric Water heater, El	4-Res-EE P	Res	258	0.015	11	TRM with Electric Heat
24	Dehumidifiers	4-Res-EE P	Res	117	0.010	12	TRM
25	Freezers Energy Star-Chest Freezer	4-Res-EE P	Res	52	0.011	13	TRM
26	Holiday Lights	4-Res-EE P	Res	64	0.000	10	DSMore MI Database
27	LED Night Light	1-Res Audits	Res	44	0.000	12	DSMore MI Database
28	Pump and Motor Single Speed	4-Res-EE P	Res	694	0.357	10	DSMore MI Database
29	Refrigerators-Freezers Energy Star - Side by Side	4-Res-EE P	Res	95	0.013	13	TRM
30	Refrigerators-Freezers Energy Star - Top Freezer	4-Res-EE P	Res	90	0.013	13	TRM
31	Room Air Conditioners	4-Res-EE P	Res	58	0.059	10	TRM
32	Smart Strip plug outlet	4-Res-EE P	Res	184	0.013	5	DSMore MI Database
33	Torchiere Floor Lamps	4-Res-EE P	Res	105	0.006	10	TRM
34	Residential New Construction - 15%	5-RES New Con	Res	1,225	0.923	15	ACEEE PA Report
35	Residential New Construction - 30%	5-RES New Con	Res	2,449	1.845	15	ACEEE PA Report
36	Ceiling Fans	6-Res Whole	Res	180	0.020	10	ACEEE PA Report
37	Estar Windows	6-Res Whole	Res	700	0.038	15	ACEEE PA Report
38	Duct sealing 20 leakage base	6-Res Whole	Res	669	0.580	15	ACEEE PA Report
39	Low Flow Showerheads	6-Res Whole	Res	250	0.028	10	ACEEE PA Report
40	Kitchen Aerator	6-Res Whole	Res	114	0.024	9	DEER with Electric Heat
41	Bathroom Aerator	6-Res Whole	Res	57	0.012	9	DEER with Electric Heat
42	Pipe Wrap	6-Res Whole	Res	325	0.037	13	DEER with Electric Heat
43	Roof Insulation	6-Res Whole	Res	703	0.079	15	ACEEE PA Report
44	Whole Building	6-Res Whole	Res	-0	0.000	10	
45	Low Income Warm Program Through Act129	7-Low Income	LI RES	1,218	0.190	15	07' WARM Program M&V Average Savings

		Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
	46	Low Income Warm Program Through Act129 (Additi	7-Low Income	LI RES	184	0.013	5	DSMore MI Database
46	47	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits LI	LI RES	337	0.044	7.266667	Sum of Other Measures Listed
47	48	Schools Childern Education-No Savings	1-Res Audits LI	LI RES	166	0.009	6.4	4 CFLs from TRM
48	49	Refrigerator/Freezer recycling	2-RES App Turn-In LI	LI RES	1,728	0.238	8	TRM
49	50	Programable Thermostat_Heat	1-Res Audits LI	LI RES	466	-0.000	15	DEER with Electric Heat
50	51	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits LI	LI RES	$166	$0.009	6.4	TRM
51	52	CFL bulbs regular-15 -Free No Water HeatMailed At	4-Res-EE P LI	LI RES	166	0.009	6.4	TRM
52	53	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P LI	LI RES	80	0.000	6.4	TRM but Estimate of Hours from Survey
53	54	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P LI	LI RES	52	0.003	6.4	TRM
54	55	LED Night Light	1-Res Audits LI	LI RES	44	0.000	12	DSMore MI Database
55	56	Low Income Lighting-WarmLight	7-Low Income	LI RES	69	0.000	6.4	4 CFLs using 1 hour a day.
	57	Low Income Lighting-Warm SmartStrip	7-Low Income	LI RES	184	0.013	5	DSMore MI Database
56	58	Low Income Lighting-Low Usage	7-Low Income	LI RES	206	0.017	6.4	4 CFLs
57	59	Multiple Family - CFL Lighting	8-Multiple Family	Res	206	0.017	6.4	4 CFLs
58	60	Multiple Family - T8-Lighting	8-Multiple Family	Res	127	0.036	15	TRM
59	61	Commercial, Industrial Audit - Sm&Md	1-C/I Audits	SM C&I	-0	0.000	0	
60	62	Commercial, Industrial Audit - Large	1-C/I Audits	LG C&I	-0	0.000	0	
61	63	Commercial CFL Program	1-C/I Audits	SM C&I	198	0.056	6.4	1 CFL using ACEEE Estimate of Comm Hours
62	64	Commercial, Industrial Audit - Gov	1-C/I Audits	Gov	-0	0.000	0	
63	65	Exterior HID replacement above 175W to 250W HID	2-Governmental Programs	Gov	409	0.000	12	DSMore MI Database
64	66	HPT8 4ft 4 lamp, T12 to HPT8	2-Governmental Programs	Gov	127	0.036	15	TRM
65	67	LED Exit Signs Electronic Fixtures (RetrofitOnly)	2-Governmental Programs	Gov	158	0.018	10	TRM
66	68	Occupancy Sensors under 500 W	2-Governmental Programs	Gov	397	0.099	10	DSMore MI Database
67	69	LED Auto Traffic Signals	2-Governmental Programs	Gov	535	0.061	10	TRM 8"
68	70	LED Pedestrian Signals	2-Governmental Programs	Gov	946	0.108	10	TRM
69	71	Street Lighting - 175 Mercury to 100 HPS	2-Governmental Programs	Gov	329	0.000	10	=(175-100)*365*12/1000
70	72	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton	2-Governmental Programs	Gov	7,802	8.576	15	TRM
71	73	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/t	2-Governmental Programs	Gov	8,716	9.581	15	TRM
72	74	AC <65,000 1 Ph	3-C/I Equip	SM C&I	296	0.406	15	TRM
73	75	AC 65,000 - 135,000	3-C/I Equip	SM C&I	385	0.795	15	TRM
74	76	AC 240,000 - 760,000	3-C/I Equip	SM C&I	1,376	2.741	15	TRM
75	77	Clothes Washer CEE Tier1, Electric Water heater, Ele	3-C/I Equip	SM C&I	633	0.666	10	DSMore MI Database
76	78	Demand-controlled ventilation (DCV)	3-C/I Equip	SM C&I	8,000	1.340	15	ACEEE PA Report
77	79	Efficient Refrigeration Condenser	3-C/I Equip	SM C&I	120	0.118	15	DSMore MI Database
78	80	ENERGY STAR Commercial Solid Door Freezers less	3-C/I Equip	SM C&I	520	0.059	12	DSMore MI Database
79	81	ENERGY STAR Commercial Solid Door Freezers 20	3-C/I Equip	SM C&I	507	0.058	12	DSMore MI Database
80	82	ENERGY STAR Commercial Solid Door Refrigerator	3-C/I Equip	SM C&I	905	0.103	12	DSMore MI Database
81	83	ENERGY STAR Commercial Solid Door Refrigerator	3-C/I Equip	SM C&I	1,069	0.122	12	DSMore MI Database
82	84	ENERGY STAR Ice Machines less than 500 lbs	3-C/I Equip	SM C&I	1,652	0.189	12	DSMore MI Database
83	85	ENERGY STAR Ice Machines 500 to 1000 lbs	3-C/I Equip	SM C&I	2,695	0.308	12	DSMore MI Database
84	86	ENERGY STAR Ice Machines more than 1000 lbs	3-C/I Equip	SM C&I	6,048	0.690	12	DSMore MI Database
85	87	ENERGY STAR Steam Cookers 3 Pan	3-C/I Equip	SM C&I	11,188	2.550	12	DSMore MI Database
86	88	Exterior HID replacement above 175W to 250W HID	3-C/I Equip	SM C&I	409	0.000	12	DSMore MI Database
87	89	EE Water Heater	3-C/I Equip	SM C&I	319	0.065	15	Manufacturer Supplied
88	90	HP Water Heater (Base Usage 22831)	3-C/I Equip	SM C&I	14,200	2.880	15	ACEEE PA Report

	Measure Name	Program	Rate Class	kWh Savings	kW Savings	Life	Source of Saving Values and Life
~~89~~ 91	HPT8 4ft 4 lamp, T12 to HPT8	3-C/I Equip	SM C&I	127	0.036	15	TRM
~~90~~ 92	LED Exit Signs Electronic Fixtures (RetrofitOnly)	3-C/I Equip	SM C&I	158	0.018	10	TRM
~~91~~ 93	Occupancy Sensors under 500 W	3-C/I Equip	SM C&I	397	0.099	10	DSMore MI Database
~~92~~ 94	Plug Load Occupancy Sensors Document Stations	3-C/I Equip	SM C&I	803	0.055	5	DSMore MI Database
~~93~~ 95	*Commercial Smart Strip plug outlet*	*3-C/I Equip*	*SM C&I*	*184*	*0.013*	*5*	*DSMore MI Database*
~~94~~ 96	Pre Rinse Sprayers	3-C/I Equip	SM C&I	1,396	0.116	5	DSMore MI Database
~~95~~ 97	Refrigerant charging correction	3-C/I Equip	SM C&I	712	1.014	10	DSMore MI Database
~~96~~ 98	Refrigeration Commissioning	3-C/I Equip	SM C&I	375	0.043	3	DSMore MI Database
~~97~~ 99	Strip curtains for walk-ins - freezer	3-C/I Equip	SM C&I	613	0.070	4	DSMore MI Database
~~98~~ 100	Vending Equipment Controller	3-C/I Equip	SM C&I	800	0.210	5	DSMore MI Database
~~99~~ 101	Window Film	3-C/I Equip	SM C&I	256	0.147	10	DSMore MI Database
~~100~~ 102	Setback/Setup	3-C/I Equip	SM C&I	842	-0.007	9	DSMore MI Database
~~101~~ 103	Demand-controlled ventilation (DCV)	4-C/I Equip	LG C&I	8,000	1.340	15	ACEEE PA Report
~~102~~ 104	Exterior HID replacement above 175W to 250W HID	4-C/I Equip	LG C&I	409	0.000	12	DSMore MI Database
~~103~~ 105	HPT8 4ft 4 lamp, T12 to HPT8	4-C/I Equip	LG C&I	127	0.036	15	TRM
~~104~~ 106	Occupancy Sensors under 500 W	4-C/I Equip	LG C&I	397	0.099	10	DSMore MI Database
~~105~~ 107	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton	4-C/I Equip	LG C&I	7,802	8.576	15	TRM
~~106~~ 108	Water-Cooled Centrifugal Chiller < 150 ton0.56 kW/t	4-C/I Equip	LG C&I	8,716	9.581	15	TRM
~~107~~ 109	Window Film	4-C/I Equip	LG C&I	12,802	7.344	15	DSMore MI Database
~~108~~ 110	Motors 1 HP 1200	5-IND MOTOR	LG C&I	97	0.007	15	TRM
~~109~~ 111	Motors 5 HP 1200	5-IND MOTOR	LG C&I	329	0.025	15	TRM
~~110~~ 112	Motors 10 HP 1200	5-IND MOTOR	LG C&I	467	0.036	15	TRM
~~111~~ 113	Motors 20 HP 1200	5-IND MOTOR	LG C&I	857	0.065	15	TRM
~~112~~ 114	Motors 1 HP 3600	5-IND MOTOR	LG C&I	66	0.005	15	TRM
~~113~~ 115	Motors 5 HP 3600	5-IND MOTOR	LG C&I	174	0.013	15	TRM
~~114~~ 116	Motors 10 HP 3600	5-IND MOTOR	LG C&I	3254~~.9314~~	0.0254~~723~~	15	TRM
~~115~~ 117	Motors 20 HP 3600	5-IND MOTOR	LG C&I	5024~~1.6837~~	0.038~~172~~	15	TRM
~~116~~ 118	Water Pumps with VFD's	5-IND MOTOR	LG C&I	1,360	0.024~~027~~	15	TRM
~~117~~ 119	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	1,653	0.029~~203~~	15	TRM
~~118~~ 120	Air Compressors with VFD's	5-IND MOTOR	LG C&I	774	0.014~~3674~~	15	TRM
~~119~~ 121	Water Pumps with VFD's	5-IND MOTOR	LG C&I	6,800	0.120~~133~~	15	TRM
~~120~~ 122	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	8,265	0.146~~015~~	15	TRM
~~121~~ 123	Air Compressors with VFD's	5-IND MOTOR	LG C&I	3,870	0.068~~37~~	15	TRM
~~122~~ 124	Water Pumps with VFD's	5-IND MOTOR	LG C&I	13,600	0.240~~267~~	15	TRM
~~123~~ 125	HVAC Fans with VFD's	5-IND MOTOR	LG C&I	16,530	0.292~~03~~	15	TRM
~~124~~ 126	Air Compressors with VFD's	5-IND MOTOR	LG C&I	7,740	0.137~~674~~	15	TRM

		Measure Name	Program	~~Rate Class~~	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
	1	DLC-CAC	Demand	~~Res~~	270	1,745	1,004	0	Res*Sat*Survey
	2	DLC-Pool Pumps	Demand	~~Res~~	14	93	36	0	Res*Sat*Survey
	3	DLC-Pool Pumps	Demand	~~Res~~	1	27	36	0	Res*Sat*Survey
	4	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits	~~Res~~	1,369	6,844	6,844	6,844	Res*Sat*Survey * 93.2%
	5	1-Res Home Audits - CFL 4 - Low Flow 2	1-Res Audits	~~Res~~	25	125	125	125	Res*Sat*Survey
	6	Schools Childern Education-No Savings	1-Res Audits	~~Res~~	679	1,358	1,358	1,358	Estimate of Activity * 93.2%
	7	Refrigerator/Freezer recycling	2-RES App Turn-In	~~Res~~	384	1,922	1,922	1,922	Res*Sat*Survey * 93.2%
	8	Room Air Conditioners	2-RES App Turn-In	~~Res~~	42	212	212	212	Budgetary Limits
	9	ASHP - SEER 15	3-RES EE HVAC	~~Res~~	27	133	133	133	10% of CAC
	10	CAC - SEER 16	3-RES EE HVAC	~~Res~~	266	1,332	1,332	1,332	Res*Sat*Survey - Minus 10%
	11	CAC - Maintenance	3-RES EE HVAC	~~Res~~	419	2,093	2,093	2,093	Res*Sat*Survey
	12	Furnace Fans	3-RES EE HVAC	~~Res~~	8	42	42	42	Budgetary Limits
	13	EE Ground Source Heat Pump	4-Res-EE P	~~Res~~	0	5	5	5	Budgetary Limits
	14	Solar Water Heating	4-Res-EE P	~~Res~~	0	5	5	5	Budgetary Limits
	15	HP Water Heater	4-Res-EE P	~~Res~~	0	10	10	10	Budgetary Limits
	16	EE Water Heater	4-Res-EE P	~~Res~~	358	1,792	1,792	1,792	Res*Sat*Survey
	17	Programable Thermostat_Heat	4-Res-EE P	~~Res~~	580	2,901	2,901	2,901	Res*Sat*Survey * 93.2%
	18	Programable Thermostat_CAC	4-Res-EE P	~~Res~~	88	439	439	439	Res*Sat*Survey
	19	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits	~~Res~~	1,109	5,543	5,543	5,543	Res*Sat*Survey * 93.2%
	20	CFL bulbs regular-15 -Free No Water Heat Mailed At Request	4-Res-EE P	~~Res~~	1,123	5,613	5,613	5,613	Res*Sat*Survey * 93.2%
	21	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P	~~Res~~	1,970	9,852	9,852	9,852	Res*Sat*Survey * 93.2%
	22	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P	~~Res~~	11,313	56,563	56,563	56,563	Res*Sat*Survey * 93.2%
	23	Clothes Washer Energy Star, Electric Water heater, Electric Dryer	4-Res-EE P	~~Res~~	50	250	250	250	Budgetary Limits
	24	Dehumidifier	4-Res-EE P	~~Res~~	50	250	250	250	Budgetary Limits
	25	Freezers Energy Star-Chest Freezer	4-Res-EE P	~~Res~~	50	250	250	250	Budgetary Limits
	26	Holiday Lights	4-Res-EE P	~~Res~~	145	727	727	727	Res*Sat*Survey
	27	LED Night Light	4-Res-EE P	~~Res~~	679	1,358	1,358	1,358	Free to School Audits * 93.2%
	28	Pump and Motor Single Speed	4-Res-EE P	~~Res~~	81	404	404	404	Res*Sat*Survey
	29	Refrigerators-Freezers Energy Star - Side by Side	4-Res-EE P	~~Res~~	50	250	250	250	Budgetary Limits
	30	Refrigerators-Freezers Energy Star - Top Freezer	4-Res-EE P	~~Res~~	50	250	250	250	Budgetary Limits
	31	Room Air Conditioners	4-Res-EE P	~~Res~~	469	1,877	1,877	1,877	Res*Sat*Survey
	32	Smart Strip plug outlet	4-Res-EE P	~~Res~~	709	3,545	3,545	3,545	(Res*Sat*Survey)*25%
	33	Torchiere Floor Lamps	4-Res-EE P	~~Res~~	100	500	500	500	Budgetary Limits
	34	Residential New Construction - 15%	5-RES New Con	~~Res~~	83	458	458	0	Budgetary Limits
	35	Residential New Construction - 30%	5-RES New Con	~~Res~~	83	458	458	0	Budgetary Limits
	36	Ceiling Fans	6-Res Whole	~~Res~~	15	30	30	30	Budgetary Limits
	37	Estar Windows	6-Res Whole	~~Res~~	15	30	30	30	Budgetary Limits
	38	Duct sealing 20 leakage base	6-Res Whole	~~Res~~	25	50	50	50	Budgetary Limits
	39	Low Flow Showerheads	6-Res Whole	~~Res~~	100	200	200	200	Budgetary Limits
	40	Kitchen Aerator	6-Res Whole	~~Res~~	100	200	200	200	Budgetary Limits
	41	Bathroom Aerator	6-Res Whole	~~Res~~	100	200	200	200	Budgetary Limits
	42	Pipe Wrap	6-Res Whole	~~Res~~	30	60	60	60	Budgetary Limits
	43	Roof Insulation	6-Res Whole	~~Res~~	15	30	30	30	Budgetary Limits
	44	Whole Building	6-Res Whole	~~Res~~	200	400	400	400	Budgetary Limits
	45	Low Income Warm Program Through Act129	7-Low Income	~~LI RES~~	68	75	75	75	WARM Forecast * 25%
	46	Low Income Warm Program Through Act129 (Additional SmartStrips)	7-Low Income		23	25	25	25	WARM Forecast * 25% * 1/3
~~46~~	47	1-Res Home Audits - CFL 4 - Low Flow 2 Water Heat	1-Res Audits LI	~~LI RES~~	144	718	718	718	Res*Sat*Survey * 6.8%
~~47~~	48	Schools Childern Education-No Savings	1-Res Audits LI	~~LI RES~~	71	143	143	143	Estimate of Activity * 6.8%
~~48~~	49	Refrigerator/Freezer recycling	2-RES App Turn-In LI	~~LI RES~~	40	202	202	202	Res*Sat*Survey * 6.8%
~~49~~	50	Programable Thermostat_Heat	1-Res Audits LI	~~LI RES~~	61	304	304	304	Res*Sat*Survey * 6.8%

		Measure Name	Program	Rate Class	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
~~50~~	51	CFL bulbs regular-15 -Free No Water Heat	1-Res Audits LI	~~LI RES~~	116	582	582	582	Res*Sat*Survey * 6.8%
~~51~~	52	CFL bulbs regular-15 -Free No Water Heat Mailed At Request	4-Res-EE P LI	~~LI RES~~	118	589	589	589	Res*Sat*Survey * 6.8%
~~52~~	53	CFL bulbs regular - Outside - 15 - Store Rebates	4-Res-EE P LI	~~LI RES~~	207	1,034	1,034	1,034	Res*Sat*Survey * 6.8%
~~53~~	54	CFL bulbs regular - 19 - Store Rebates	4-Res-EE P LI	~~LI RES~~	1,188	5,938	5,938	5,938	Res*Sat*Survey * 6.8%
~~54~~	55	LED Night Light	1-Res Audits LI	~~LI RES~~	71	143	143	143	Free to School Audits * 6.8%
~~55~~	56	Low income Lighting-WarmLight	7-Low Income	~~LI RES~~	273	665	693	714	WARM Forecast
	57	Low Income Lighting-Warm SmartStrip	7-Low Income		90	220	229	236	WARM Forecast * 1/3
~~56~~	58	Low Income Lighting-Low Usage	7-Low Income	~~LI RES~~	183	915	915	915	Low Income - Low Usage Count
~~57~~	59	Multiple Family - CFL Lighting	8-Multiple Family	~~Res~~	105	527	527	527	PAHA Provided
~~58~~	60	Multiple Family - T8-Lighting	8-Multiple Family	~~SM C&I~~	105	527	527	527	PAHA Provided
~~59~~	61	Commercial, Industrial Audit - Sm&Mc	1-C/I Audits	~~SM C&I~~	50	250	250	250	Budgetary Limits
~~60~~	62	Commercial, Industrial Audit - Large	1-C/I Audits	~~LG C&I~~	5	25	75	75	Budgetary Limits
~~61~~	63	Commercial CFL Program	1-C/I Audits	~~SM C&I~~	2,877	14,384	14,384	14,384	Comm*Survey
~~62~~	64	Commercial, Industrial Audit - Gov	1-C/I Audits	~~Gov~~	10	20	0	0	Budgetary Limits
~~63~~	65	Exterior HID replacement above 175W to 250W HID retrofit	2-Governmental Programs	~~Gov~~	5	26	26	0	Base on Fed Sales
~~64~~	66	HPT8 4ft 4 lamp, T12 to HPT8	2-Governmental Programs	~~Gov~~	221	1,215	1,215	0	Base on Fed Sales
~~65~~	67	LED Exit Signs Electronic Fixtures (Retrofit Only)	2-Governmental Programs	~~Gov~~	42	229	229	0	Base on Fed Sales
~~66~~	68	Occupancy Sensors under 500 W	2-Governmental Programs	~~Gov~~	42	229	229	0	Base on Fed Sales
~~67~~	69	LED Auto Traffic Signals	2-Governmental Programs	~~Gov~~	500	2,750	2,750	0	Intersection Estimate
~~68~~	70	LED Pedestrian Signals	2-Governmental Programs	~~Gov~~	125	688	688	0	Intersection Estimate
~~69~~	71	Street Lighting - 175 Mercury to 100 HPS	2-Governmental Programs	~~Gov~~	115	574	574	574	Street Light Count
~~70~~	72	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	2-Governmental Programs	~~Gov~~	0	2	2	0	Fed Large User Counts
~~71~~	73	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	2-Governmental Programs	~~Gov~~	0	2	2	0	Fed Large User Counts
~~72~~	74	AC <65,000 1 Ph	3-C/I Equip	~~SM C&I~~	50	250	250	250	Budgetary Limits
~~73~~	75	AC 65,000 - 135,000	3-C/I Equip	~~SM C&I~~	25	125	125	125	Budgetary Limits
~~74~~	76	AC 240,000 - 760,000	3-C/I Equip	~~SM C&I~~	25	125	125	125	Budgetary Limits
~~75~~	77	Clothes Washer CEE Tier1, Electric Water heater, Electric Dryer	3-C/I Equip	~~SM C&I~~	35	175	175	175	Budgetary Limits
~~76~~	78	Demand-controlled ventilation (DCV)	3-C/I Equip	~~SM C&I~~	10	50	50	50	Budgetary Limits
~~77~~	79	Efficient Refrigeration Condenser	3-C/I Equip	~~SM C&I~~	10	50	50	50	Budgetary Limits
~~78~~	80	ENERGY STAR Commercial Solid Door Freezers less than 20ft3	3-C/I Equip	~~SM C&I~~	5	25	25	25	Budgetary Limits
~~79~~	81	ENERGY STAR Commercial Solid Door Freezers 20 to 48 ft3	3-C/I Equip	~~SM C&I~~	5	25	25	25	Budgetary Limits
~~80~~	82	ENERGY STAR Commercial Solid Door Refrigerators less than 20ft3	3-C/I Equip	~~SM C&I~~	5	25	25	25	Budgetary Limits
~~81~~	83	ENERGY STAR Commercial Solid Door Refrigerators 20 to 48 ft3	3-C/I Equip	~~SM C&I~~	5	25	25	25	Budgetary Limits
~~82~~	84	ENERGY STAR Ice Machines less than 500 lbs.	3-C/I Equip	~~SM C&I~~	20	100	100	100	Budgetary Limits
~~83~~	85	ENERGY STAR Ice Machines 500 to 1000 lbs	3-C/I Equip	~~SM C&I~~	20	100	100	100	Budgetary Limits
~~84~~	86	ENERGY STAR Ice Machines more than 1000 lbs	3-C/I Equip	~~SM C&I~~	20	100	100	100	Budgetary Limits
~~85~~	87	ENERGY STAR Steam Cookers 3 Pan	3-C/I Equip	~~SM C&I~~	33	165	165	165	Budgetary Limits
~~86~~	88	Exterior HID replacement above 175W to 250W HID retrofit	3-C/I Equip	~~SM C&I~~	60	301	301	301	Comm*Survey
~~87~~	89	EE Water Heater (Base Usage 22831)	3-C/I Equip	~~SM C&I~~	82	411	411	411	Comm*Survey Minus 10%
~~88~~	90	HP Water Heater (Base Usage 22831)	3-C/I Equip	~~SM C&I~~	25	125	125	125	10% of Water Heating
~~89~~	91	HPT8 4ft 4 lamp, T12 to HPT8	3-C/I Equip	~~SM C&I~~	2,843	14,217	14,217	14,217	Comm*Survey*Square Foot Estimate
~~90~~	92	LED Exit Signs Electronic Fixtures (Retrofit Only	3-C/I Equip	~~SM C&I~~	1,527.2	7,636.1	7,636.1	7,636.1	Comm*Survey
~~91~~	93	Occupancy Sensors under 500 W	3-C/I Equip	~~SM C&I~~	550	2,752	2,752	2,752	Comm*Survey

		Measure Name	Program	~~Rate Class~~	Number of 2010 Program participants/ Measure Units	Number of 2011 Program participants/ Measure Units	Number of 2012 Program participants/ Measure Units	Number of 2013 Program participants/ Measure Units	Participants Assumptions
~~93~~	94	Plug Load Occupancy Sensors Document Stations	3-C/I Equip	~~SM C&I~~	115	346	346	346	Comm*Survey
~~93~~	95	Smart Strip plug outlet	3-C/I Equip	~~SM C&I~~	354	1,772	1,772	1,772	Comm*Survey
~~94~~	96	Pre Rinse Sprayers	3-C/I Equip	~~SM C&I~~	35	175	175	175	Budgetary Limits
~~95~~	97	Refrigerant charging correction	3-C/I Equip	~~SM C&I~~	501	2,005	2,005	2,005	Comm*Survey
~~96~~	98	Refrigeration Commissioning	3-C/I Equip	~~SM C&I~~	15	75	75	75	Budgetary Limits
~~97~~	99	Strip curtains for walk-ins - freezer	3-C/I Equip	~~SM C&I~~	15	75	75	75	Budgetary Limits
~~98~~	100	Vending Equipment Controller	3-C/I Equip	~~SM C&I~~	25	125	125	125	Budgetary Limits
~~99~~	101	Window Film	3-C/I Equip	~~SM C&I~~	25	125	125	125	Budgetary Limits
~~100~~	102	Setback/Setup	3-C/I Equip	~~SM C&I~~	15	75	75	75	Budgetary Limits
~~101~~	103	Demand-controlled ventilation (DCV)	4-C/I Equip	~~LG C&I~~	0	4	4	4	Budgetary Limits
~~102~~	104	Exterior HID replacement above 175W to 250W HID retrofit	4-C/I Equip	~~LG C&I~~	45	1,075	1,075	1,075	Comm*Survey
~~103~~	105	HPT8 4ft 4 lamp, T12 to HPT8	4-C/I Equip	~~LG C&I~~	2,149	10,746	10,746	10,746	Comm*Survey*Square Foot Estimate
~~104~~	106	Occupancy Sensors under 500 W	4-C/I Equip	~~LG C&I~~	416	2,080	2,080	2,080	Comm*Survey
~~105~~	107	Water-Cooled cent Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	4-C/I Equip	~~LG C&I~~	8	40	40	40	Budgetary Limits
~~106~~	108	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	4-C/I Equip	~~LG C&I~~	5	25	25	25	Budgetary Limits
~~107~~	109	Window Film	4-C/I Equip	~~LG C&I~~	5	25	25	25	Budgetary Limits
~~108~~	110	Motors 1 HP 1200	5-IND MOTOR	~~LG C&I~~	25	125	125	125	Using NJ Experience for Motor Program
~~109~~	111	Motors 5 HP 1200	5-IND MOTOR	~~LG C&I~~	15	75	75	75	Using NJ Experience for Motor Program
~~110~~	112	Motors 10 HP 1200	5-IND MOTOR	~~LG C&I~~	10	50	50	50	Using NJ Experience for Motor Program
~~111~~	113	Motors 20 HP 1200	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
~~112~~	114	Motors 1 HP 3600	5-IND MOTOR	~~LG C&I~~	25	125	125	125	Using NJ Experience for Motor Program
~~113~~	115	Motors 5 HP 3600	5-IND MOTOR	~~LG C&I~~	15	75	75	75	Using NJ Experience for Motor Program
~~114~~	116	Motors 10 HP 3600	5-IND MOTOR	~~LG C&I~~	10	50	50	50	Using NJ Experience for Motor Program
~~115~~	117	Motors 20 HP 3600	5-IND MOTOR	~~LG C&I~~	5	25	25	25	Using NJ Experience for Motor Program
~~116~~	118	Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~117~~	119	HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~118~~	120	Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~119~~	121	Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~120~~	122	HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~121~~	123	Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~122~~	124	Water Pumps with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~123~~	125	HVAC Fans with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program
~~124~~	126	Air Compressors with VFD's	5-IND MOTOR	~~LG C&I~~	2	10	10	10	Using NJ Experience for Motor Program

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

Joint Petition for Consolidation of	:	
Proceedings and Approval of Energy	:	**Docket Nos. M-2009-2092222**
Efficiency and Conservation Plans of	:	**M-2009-2112952**
Metropolitan Edison Company,	:	**M-2009-2112956**
Pennsylvania Electric Company and	:	
Pennsylvania Power Company	:	

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true and correct copy of the foregoing document upon the individuals listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

Service by overnight Federal Express, as follows:

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