

II. Portfolio Overview

- Integration of Gas EEPS
- Cycle 2 Contractors
- DCEO market segments
- Application of TRC
- SAG proposed programs
- Portfolio objectives
- Portfolio description

Integration of Gas EEPS

- Different Gas Goals/Budget Issues
 - Gas has cumulative goals, annual budgets
 - Gas has better funding PY1 and PY2 but PY3 falls short
 - Requesting less than cap over 3 years to achieve savings goals
 - Savings will be “level” each year
 - Exceed PY1 and PY2 annual goal, not achieve PY3 goal
 - Eliminates interruption in program momentum
 - Improved program and market coordination

Portfolio Overview

- **Anticipate continuing with same Implementers and EMV consultants**
- **DCEO market sectors**
 - **As prescribed in legislation:**
 - **units of local government, municipal corporations, school districts, and community college districts**
 - **Plus low income**
- **R&D Budget**
 - **Not available for Electric**
 - **Will be added for Gas**
 - **3% of budget, not 3% of cap**

Application of TRC

- Using weighted cost of capital in portfolio development
- We support a policy of including measure with TRC less than 1
 - As long as the program TRC is positive
- **We screened out measures that were less than 1**
- But we may ultimately have measures less than 1 (by program year end)
- Ultimate goal: Program level positive TRC
- Law allows the ability to include “other quantifiable societal benefits”
 - We will compute annual TRC both ways

• **Total Portfolio (Gas and Electric) = 1.74**

	TRC
RES-Lighting	2.07
RES-Efficient Products	1.32
RES-HVAC	1.49
RES-Appliance Recycling	1.31
RES- Home Energy Performance	1.32
RES-New Construction	1.02
RES-Multi-family	1.71
RES-Behavioral Mod	1.51
RES-Warm Neighbors	1.29
RES-Demand Response	1.23
RES-TOTAL	1.83
BUS-Standard	1.84
BUS-Custom	2.09
BUS-RCx	3.04
BUS-New Construction	1.42
BUS-TOTAL	1.93
PORTFOLIO TOTAL	1.74

Measure Level Screening

- The following table illustrates the number of measures that pass the Total Resource Cost Test with a result greater than 1.0

	Total Measures			Measures Passing w/ TRC >1.0			% of Measures Passing		
	Electric	Gas	Combo	Electric	Gas	Combo	Electric	Gas	Combo
RESIDENTIAL PROGRAMS	156	60	45	57	20	20	37%	33%	44%
BUSINESS PROGRAMS	370	45	23	245	24	12	66%	53%	52%



AIU's Incorporation of SAG Suggested Programs

ELPC

- *Public Education – included*
- *Video Games – excluded due to immature market, no standards*
- *PCT's – included in portfolio*
- *Furnace Filters – excluded due to difficulty quantifying savings*
- *Thermostat Set-back – included in HEP and DR*
- *Reduce Light at night – included in BUS portfolio (sensors, timers, clocks)*

MEEA

- *Building Energy Codes – discussions with state officials necessary*
- *Comprehensive HVAC – included in new program design*
- *State HPwES – AIU will coordinate with MEEA and utilities to deliver program*

Optimal Energy

- *Upstream Commercial Lighting – excluded based on current program success*
- *Advanced Building Guidelines – considered for future new construction program*

Delta Institute

- *Performance Based Air-sealing – measure included in portfolio*

NRDC

- *Electronics – Smart-strips included, TVs excluded due to delivery mechanism difficulties*

Serious Materials

- *Highly Insulated Windows – measure did not pass the cost-effectiveness screen for Residential, included in the Business Standard Program.*

Metropolitan Mayors Caucus

- *Community Energy Challenge – may consider in later years of Cycle 2. Difficult in expansive rural landscape.*

CNT

- *Statewide Multifamily Program – Difficult in coordinating with other utilities. Monitor HPwES performance for guidance.*
- *Financing –on-bill financing being developed now*

CUB

- *Behavior Modification – included in portfolio*

ComEd

- *ComEd measures were screened and most included in portfolio.*



Portfolio Objectives

- 1. Leverage current programs and operations; continuing momentum and identifying opportunities.**
- 2. Achieve greatest level of energy savings within electric statutory spending caps while maintaining a diverse portfolio of programs.**
- 3. Achieve statutory gas savings targets while maintaining a diverse portfolio of programs.**
- 4. Represent a diverse set of programs to deliver to customers in all rate classes.**



Portfolio Objectives

5. Incorporate cost-effective measures, programs, and portfolio.
6. Design programs using best practice approaches and field experience.
7. Coordinate with DCEO and all Utility EEPS programs.
8. Continue to build framework for market transformation.
9. Allow for flexibility to manage risk and uncertainty.
10. Develop scalable programs and portfolios.



Portfolio Description

Percent of Budget	Combined	Electric	Gas
Residential	45%	40%	75%
Business	55%	60%	25%
Percent of Savings	MWH Savings	Therm Savings	
Residential	44%	70%	
Business	56%	30%	

- **PY3 Electric: Res 51% of savings, 58% of budget**

Portfolio Description: ELECTRIC

Year	Electric Savings (MWH)		Electric Budget	
	Statutory	Filing	Cap (\$mil)	\$/kWh
4	242,985	215,654	\$43.90	\$0.21
5	308,507	208,959	\$44.40	\$0.22
6	436,716	198,488	\$44.50	\$0.23
Total	988,207	623,101		

Excludes DCEO



Portfolio Description: GAS

Year	Gas Savings (Therms)		Gas Budget (\$mil)		\$/therm	
	Statutory	Filing	Statutory	Filing	Statutory	Filing
4	1,430,715	3,103,805	\$14.10	\$7.20	\$7.91	\$2.31
5	2,861,431	3,365,993	\$14.40	\$8.00	\$4.03	\$2.38
6	4,292,146	3,521,896	\$14.60	\$8.70	\$2.73	\$2.48
Total	8,584,292	9,991,694	\$43.10	\$23.90		

Exceeding goals

Spending under the cap

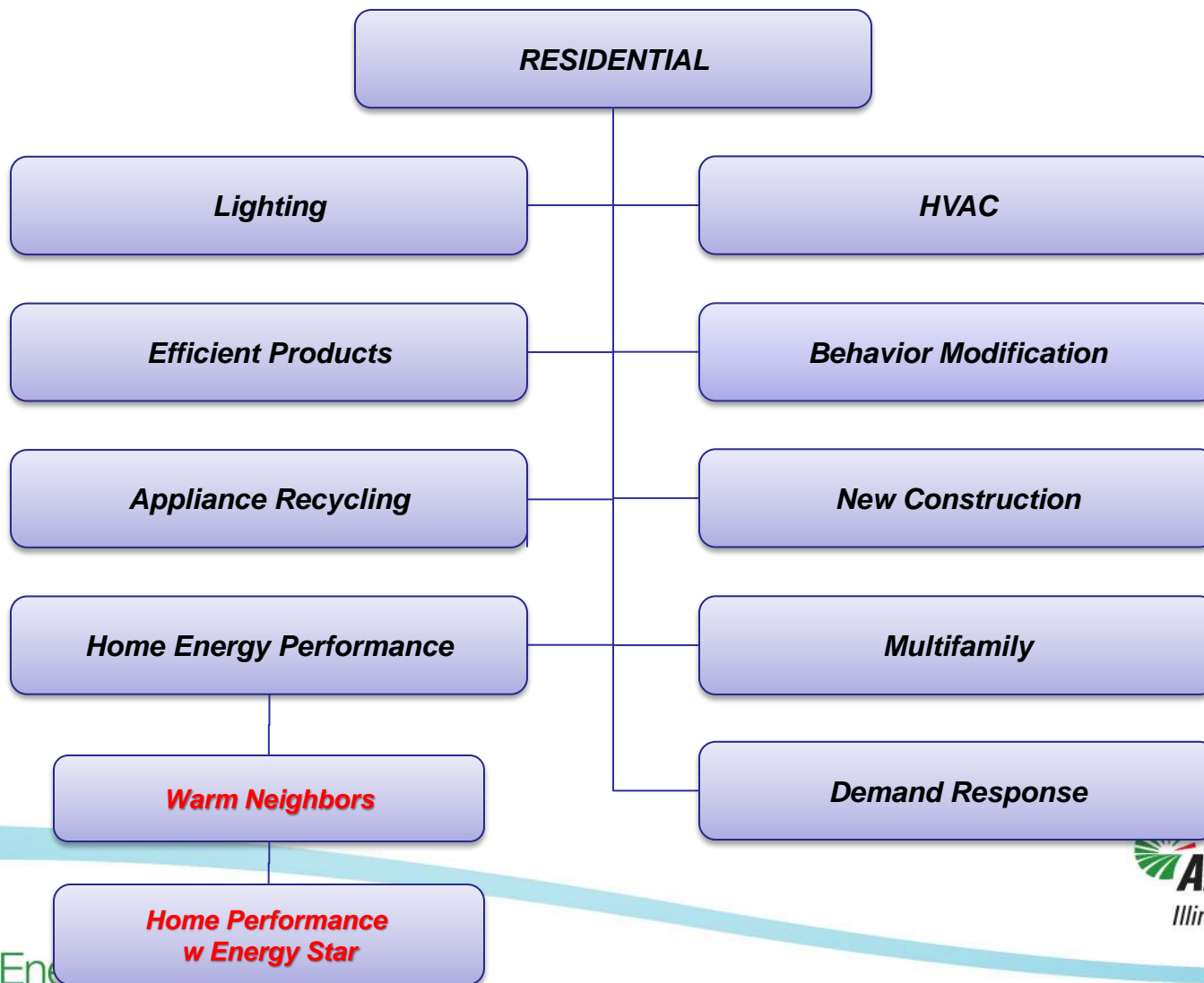
NOTE: Decreasing statutory \$/therm

- May be an issue for next Cycle

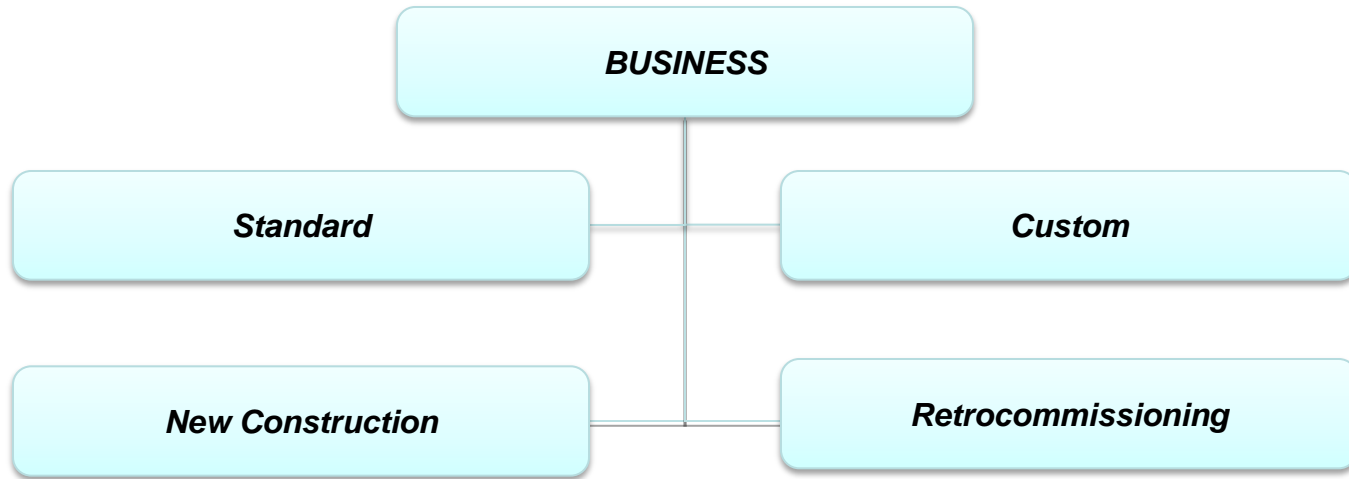
Excludes DCEO



Residential Portfolio



Business Portfolio



Program Budgets, & Savings (Gas & Electric)

ENERGY EFFICIENCY	Combined Elec & Gas Budget			Incremental KWH Savings			Incremental Therm Savings		
	PY4	PY5	PY6	PY4	PY5	PY6	PY4	PY5	PY6
RES-Lighting	\$ 4,286,483	\$ 3,459,726	\$ 2,502,329	39,863,026	36,276,646	29,460,393	-	-	-
RES-Efficient Products	\$ 3,754,273	\$ 4,114,116	\$ 4,709,655	10,829,160	11,672,673	12,989,818	270,468	323,390	350,415
RES-HVAC	\$ 7,344,954	\$ 8,425,256	\$ 9,574,846	15,885,027	17,183,743	18,787,218	894,219	1,052,182	1,188,450
RES-Appliance Recycling	\$ 2,200,381	\$ 2,383,630	\$ 2,061,347	9,734,679	10,238,101	8,595,862	-	-	-
RES- Home Energy Performance	\$ 1,059,844	\$ 1,107,315	\$ 1,159,266	1,863,407	1,907,995	1,935,711	62,811	64,695	66,636
RES-New Construction	\$ 197,403	\$ 230,649	\$ 265,695	259,299	296,342	333,384	12,181	13,921	15,662
RES-Multi-family	\$ 1,639,395	\$ 1,909,053	\$ 2,135,132	3,749,116	4,126,377	4,303,894	184,658	219,477	238,594
RES-Behavioral Modification	\$ 695,346	\$ 716,206	\$ 737,692	8,352,000	8,352,000	8,352,000	468,750	468,750	468,750
RES-Warm Neighbors	\$ 572,023	\$ 597,761	\$ 625,926	959,937	982,906	997,184	32,456	33,429	34,432
RES-Demand Response	\$ 2,609,299	\$ 2,664,781	\$ 2,726,258	2,669,612	2,930,863	3,192,113	215,650	215,650	215,650
RES-TOTAL	\$ 24,359,401	\$ 25,608,494	\$ 26,498,148	94,165,262	93,967,646	88,947,578	2,141,193	2,391,495	2,578,589
BUS-Standard	\$ 13,740,072	\$ 13,509,874	\$ 13,617,961	51,874,514	45,681,406	42,694,322	826,279	834,500	811,728
BUS-Custom	\$ 11,843,172	\$ 12,358,415	\$ 12,291,956	57,776,157	58,324,876	56,353,465	53,181	56,257	50,037
BUS-RCx	\$ 284,644	\$ 293,302	\$ 300,512	3,115,200	3,105,621	3,042,709	4,659	4,193	4,001
BUS-New Construction	\$ 2,516,869	\$ 2,486,728	\$ 2,527,095	8,723,692	7,879,950	7,450,195	78,493	79,547	77,542
BUS-TOTAL	\$ 28,384,757	\$ 28,648,319	\$ 28,737,524	121,489,563	114,991,852	109,540,691	962,613	974,498	943,307
PORTFOLIO TOTAL	\$ 52,744,158	\$ 54,256,813	\$ 55,235,672	215,654,826	208,959,498	198,488,268	3,103,805	3,365,993	3,521,896



Program Budgets and Savings (ELECTRIC)

ENERGY EFFICIENCY	Electric Budget			Incremental KWH Savings		
	PY4	PY5	PY6	PY4	PY5	PY6
RES-Lighting	\$ 4,286,483	\$ 3,459,726	\$ 2,502,329	39,863,026	36,276,646	29,460,393
RES-Efficient Products	\$ 3,195,381	\$ 3,451,210	\$ 3,969,634	10,829,160	11,672,673	12,989,818
RES-HVAC	\$ 4,895,345	\$ 5,472,661	\$ 6,133,286	15,885,027	17,183,743	18,787,218
RES-Appliance Recycling	\$ 2,200,381	\$ 2,383,630	\$ 2,061,347	9,734,679	10,238,101	8,595,862
RES- Home Energy Performance	\$ 739,211	\$ 770,397	\$ 804,305	1,863,407	1,907,995	1,935,711
RES-New Construction	\$ 136,580	\$ 159,582	\$ 183,830	259,299	296,342	333,384
RES-Multi-family	\$ 1,069,421	\$ 1,211,749	\$ 1,339,886	3,749,116	4,126,377	4,303,894
RES-Behavioral Modification	\$ 445,380	\$ 458,741	\$ 472,503	8,352,000	8,352,000	8,352,000
RES-Warm Neighbors	\$ 394,661	\$ 411,386	\$ 429,569	959,937	982,906	997,184
RES-Demand Response	\$ 1,550,779	\$ 1,583,753	\$ 1,620,291	2,669,612	2,930,863	3,192,113
RES-TOTAL	\$ 18,913,621	\$ 19,362,834	\$ 19,516,980	94,165,262	93,967,646	88,947,578
BUS-Standard	\$ 12,286,108	\$ 12,024,428	\$ 12,138,035	51,874,514	45,681,406	42,694,322
BUS-Custom	\$ 11,742,903	\$ 12,249,191	\$ 12,192,098	57,776,157	58,324,876	56,353,465
BUS-RCx	\$ 279,507	\$ 288,291	\$ 295,321	3,115,200	3,105,621	3,042,709
BUS-New Construction	\$ 2,360,819	\$ 2,327,985	\$ 2,369,275	8,723,692	7,879,950	7,450,195
BUS-TOTAL	\$ 26,669,338	\$ 26,889,895	\$ 26,994,730	121,489,563	114,991,852	109,540,691
PORTFOLIO TOTAL	\$ 45,582,959	\$ 46,252,729	\$ 46,511,710	215,654,826	208,959,498	198,488,268



Program Budgets and Savings (NATURAL GAS)

ENERGY EFFICIENCY	Natural Gas Budget			Incremental Therm Savings		
	PY4	PY5	PY6	PY4	PY5	PY6
RES-Lighting	\$ -	\$ -	\$ -	-	-	-
RES-Efficient Products	\$ 558,892	\$ 662,906	\$ 740,022	270,468	323,390	350,415
RES-HVAC	\$ 2,449,609	\$ 2,952,595	\$ 3,441,560	894,219	1,052,182	1,188,450
RES-Appliance Recycling	\$ -	\$ -	\$ -	-	-	-
RES- Home Energy Performance	\$ 320,633	\$ 336,919	\$ 354,961	62,811	64,695	66,636
RES-New Construction	\$ 60,823	\$ 71,067	\$ 81,865	12,181	13,921	15,662
RES-Multi-family	\$ 569,975	\$ 697,304	\$ 795,246	184,658	219,477	238,594
RES-Behavioral Modification	\$ 249,966	\$ 257,465	\$ 265,189	468,750	468,750	468,750
RES-Warm Neighbors	\$ 177,363	\$ 186,375	\$ 196,357	32,456	33,429	34,432
RES-Demand Response	\$ 1,058,520	\$ 1,081,028	\$ 1,105,967	215,650	215,650	215,650
RES-TOTAL	\$ 5,445,781	\$ 6,245,660	\$ 6,981,168	2,141,193	2,391,495	2,578,589
BUS-Standard	\$ 1,453,964	\$ 1,485,446	\$ 1,479,926	826,279	834,500	811,728
BUS-Custom	\$ 100,269	\$ 109,224	\$ 99,858	53,181	56,257	50,037
BUS-RCx	\$ 5,137	\$ 5,012	\$ 5,191	4,659	4,193	4,001
BUS-New Construction	\$ 156,049	\$ 158,743	\$ 157,819	78,493	79,547	77,542
BUS-TOTAL	\$ 1,715,419	\$ 1,758,424	\$ 1,742,795	962,613	974,498	943,307
PORTFOLIO TOTAL	\$ 7,161,199	\$ 8,004,084	\$ 8,723,962	3,103,805	3,365,993	3,521,896



Major New Program Features

▪ Residential

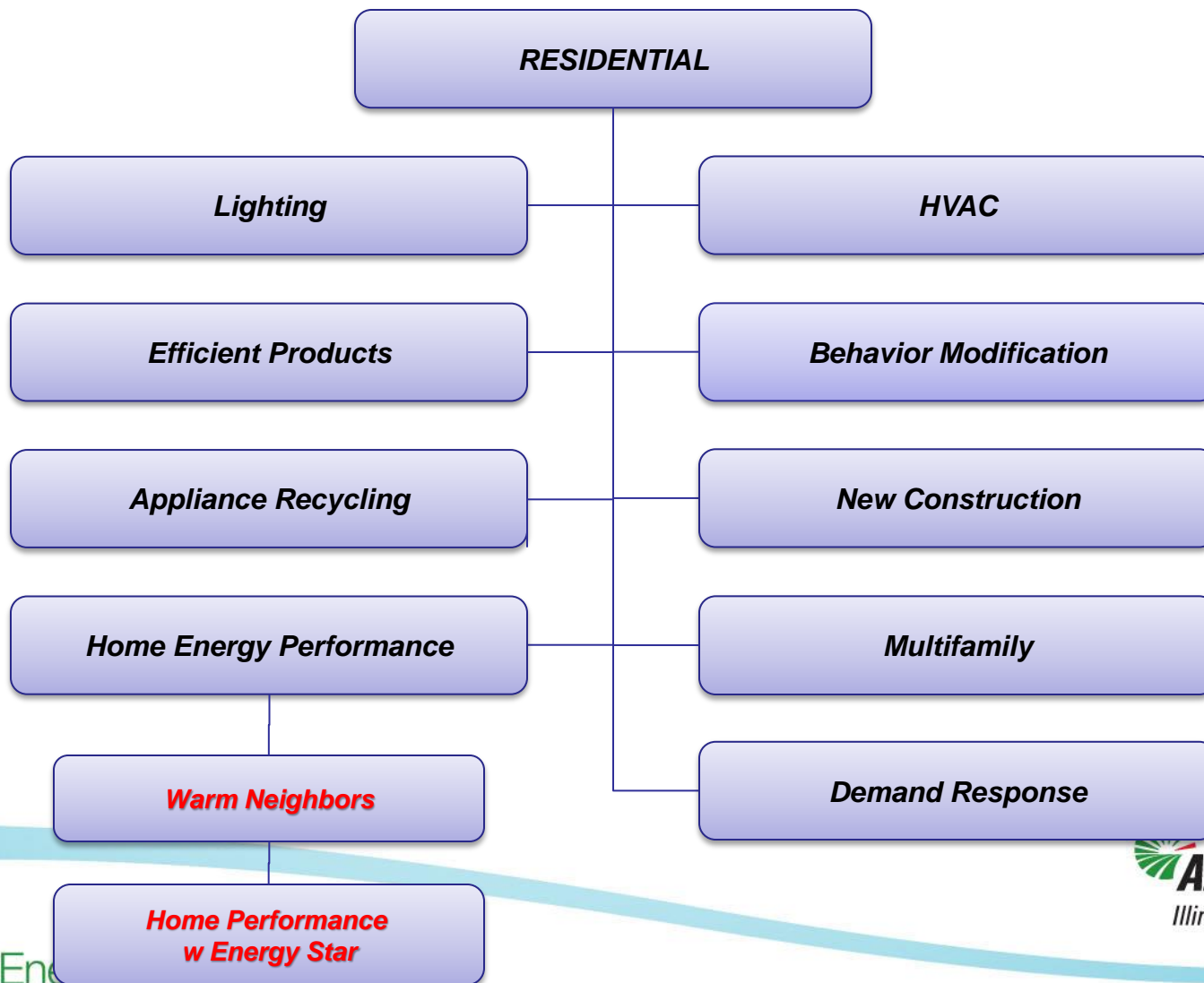
- Heat pump water heaters
- Smart power strips
- HEP statewide coordination
- Upgrade HEP to Energy Star
- Addition of behavior modification program
- HVAC diagnostics component
- Community Challenges

▪ Business

- Higher incentives
- Motor market transformation
- Delivery mechanism such as large project RFP added to some programs
- More granular market segmentation
- Whole building lighting design
- Community Challenges
- Expansion of RCx from compressed air and healthcare to all other



Residential Portfolio



Residential Home Energy Performance (w/ES)

- Program Description

To educate residential customers about energy use in their homes and to offer information, products and services to residential customers to save energy cost effectively. This allows the customer to identify and initiate the process of installing cost-effective energy efficiency upgrades and practices. The HEP program itself has multiple components. In addition, it provides yet another entryway for customers to take advantage of the Company's entire portfolio of residential energy solutions. This program will migrate towards becoming Energy Star by Year 6.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 500,009	\$ 527,355	\$ 556,242	\$ 1,583,607
Admin	\$ 437,906	\$ 452,570	\$ 469,657	\$ 1,360,132
Portfolio Admin costs	\$ 46,896	\$ 48,996	\$ 51,295	\$ 147,187
EM&V costs	\$ 28,137	\$ 29,398	\$ 30,777	\$ 88,312
Education	\$ 23,448	\$ 24,498	\$ 25,647	\$ 73,593
Marketing	\$ 23,448	\$ 24,498	\$ 25,647	\$ 73,593
Total	\$ 1,059,844	\$ 1,107,315	\$ 1,159,266	\$ 2,943,739
Net MWh Savings	1,863	1,908	1,936	5,707
Net Therm Savings	62,811	64,695	66,636	194,142
Total Measures	30,816	31,740	32,692	95,248

TRC: 1.32



Warm Neighbors (Subset of HEP)

- Program Description

The Warm Neighbors program seeks to further subsidize the implementation of energy efficiency improvements in moderate income households that are struggling financially and unable to either pay for or borrow the funds to pay for the efficiency upgrades. The Warm Neighbors program seeks to leverage the benefits and incentives of the Company's efficiency programs with Warm Neighbors funding targeted to lower moderate income homeowners, and incorporate a financing component for the customer portion of the financial transaction.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 269,867	\$ 284,682	\$ 300,334	\$ 854,883
Admin	\$ 236,348	\$ 244,310	\$ 253,584	\$ 734,242
Portfolio Admin costs	\$ 25,311	\$ 26,450	\$ 27,696	\$ 79,456
EM&V costs	\$ 15,186	\$ 15,870	\$ 16,618	\$ 47,674
Education	\$ 12,655	\$ 13,225	\$ 13,848	\$ 39,728
Marketing	\$ 12,655	\$ 13,225	\$ 13,848	\$ 39,728
Total	\$ 572,023	\$ 597,761	\$ 625,926	\$ 1,589,125
Net MWh Savings	960	983	997	2,940
Net Therm Savings	32,456	33,429	34,432	100,317
Total Measures (approx 100 homes/year)	15,875	16,351	16,842	49,067

TRC: 1.29



Residential Behavior Modification

- Program Description

The Home Energy Report relies on providing customers with a comparison of their energy usage to their “neighbors”. Home Energy Reports will be mailed to targeted residential customers on an average bi-monthly frequency (6 reports every 12 months), with exact frequencies for each customer mutually-agreed-to, for the duration of the program. The energy and program participation data for this implementation will be provided on an ongoing basis by the Company, and will be combined with third party data to build comprehensive profiles of each participating customer.

Program Metrics				
Year	2012	2013	2014	Total
Incentive				\$ -
Admin	\$ 617,550	\$ 636,077	\$ 655,159	\$ 1,908,785
Portfolio Admin costs	\$ 29,922	\$ 30,819	\$ 31,744	\$ 92,484
EM&V costs	\$ 17,953	\$ 18,491	\$ 19,046	\$ 55,491
Education	\$ 14,961	\$ 15,410	\$ 15,872	\$ 46,242
Marketing	\$ 14,961	\$ 15,410	\$ 15,872	\$ 46,242
Total	\$ 695,346	\$ 716,206	\$ 737,692	\$ 1,908,785
Net MWh Savings	8,352	8,352	8,352	25,056
Net Therm Savings	468,750	468,750	468,750	1,406,250
Participants	50,000	50,000	50,000	150,000

TRC: 1.51



Residential Efficient Products

- Program Description

Water heaters, window AC, smart strip, and pool pumps; high-efficiency products promoted through the mid-stream and upstream levels. Leverage the existing Ameren trade ally network of contractors and retail partners with hopes to enroll more program partners to increase market reach and provide a wider coverage of the service territory. The program will actively participate in awareness campaigns developed by Energy Star in efforts to keep Energy Star specifications up to date and relevant. The program will also work with the Consortium for Energy Efficiency (“CEE”) to develop efficiency tiers above Energy Star for many products.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 1,544,145	\$ 1,720,306	\$ 1,995,441	\$ 5,259,892
Admin	\$ 1,778,221	\$ 1,920,505	\$ 2,172,396	\$ 5,871,122
Portfolio Admin costs	\$ 166,118	\$ 182,041	\$ 208,392	\$ 556,551
EM&V costs	\$ 99,671	\$ 109,224	\$ 125,035	\$ 333,930
Education	\$ 83,059	\$ 91,020	\$ 104,196	\$ 278,275
Marketing	\$ 83,059	\$ 91,020	\$ 104,196	\$ 278,275
Total	\$ 3,754,273	\$ 4,114,116	\$ 4,709,655	\$ 11,131,013
Net MWh Savings	10,829	11,673	12,990	35,492
Net Therms	270,468	323,390	350,415	944,273
Total Measures	51,057	56,840	60,796	168,693

TRC: 1.32



Residential Lighting

- Program Description

The program will utilize a prime contractor and their subcontractors with significant experience involving rebate processing and national retail outlets. Incentives will be offered to the manufacturing and retail partners to increase sales of qualified lighting. The end-user receives a discount on the price of Energy Star qualified or other high efficiency lighting products. There will be an emphasis on training the retail outlet sales staff on the benefits of efficient lighting as well as increased point of purchase marketing materials to increase consumer awareness.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 2,296,786	\$ 1,894,181	\$ 1,393,894	\$ 5,584,860
Admin	\$ 1,496,562	\$ 1,167,523	\$ 820,557	\$ 3,484,642
Portfolio Admin costs	\$ 189,667	\$ 153,085	\$ 110,723	\$ 453,475
EM&V costs	\$ 113,800	\$ 91,851	\$ 66,434	\$ 272,085
Education	\$ 94,834	\$ 76,543	\$ 55,361	\$ 226,738
Marketing	\$ 94,834	\$ 76,543	\$ 55,361	\$ 226,738
Total	\$ 4,286,483	\$ 3,459,726	\$ 2,502,329	\$ 9,069,502
Net MWh Savings	39,863	36,277	29,460	105,600
Bulbs	502,329	481,313	449,838	1,433,480

TRC: 2.07



Residential HVAC

- Program Description

This program includes commissioning and retro-commissioning, rated unit efficiency, actual unit efficiency, duct system efficiency, retrofit and replacement upgrades for air conditioners and heat pumps, HVAC Diagnostics. This program improves the efficiency including new gas furnaces as well as replacing legacy heating and cooling systems within the home.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 4,428,591	\$ 5,162,529	\$ 5,942,906	\$ 15,534,026
Admin	\$ 2,071,369	\$ 2,293,450	\$ 2,530,409	\$ 6,895,228
Portfolio Admin costs	\$ 324,998	\$ 372,799	\$ 423,666	\$ 1,121,463
EM&V costs	\$ 194,999	\$ 223,679	\$ 254,199	\$ 672,878
Education	\$ 162,499	\$ 186,399	\$ 211,833	\$ 560,731
Marketing	\$ 162,499	\$ 186,399	\$ 211,833	\$ 560,731
Total	\$ 7,344,954	\$ 8,425,256	\$ 9,574,846	\$ 22,429,254
Net MWh Savings	15,885	17,184	18,787	51,856
Net Therms	894,219	1,052,182	1,188,450	3,134,851
Total Measures	40,920	44,937	48,891	134,748

TRC: 1.49



Residential Appliance Recycling

- Program Description

The Company will contract with an appliance recycling company to provide turnkey implementation services that include verification of customer eligibility, scheduling of pick-up appointments, appliance pickup, recycling and disposal activities, and incentive processing. Recycling/disposal practices will be designed to prevent the release of chlorofluorocarbons (CFCs).

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 513,004	\$ 555,718	\$ 480,574	\$ 1,549,296
Admin	\$ 1,434,235	\$ 1,553,690	\$ 1,343,627	\$ 4,331,552
Portfolio Admin costs	\$ 97,362	\$ 105,470	\$ 91,210	\$ 294,042
EM&V costs	\$ 58,417	\$ 63,282	\$ 54,726	\$ 176,425
Education	\$ 48,681	\$ 52,735	\$ 45,605	\$ 147,021
Marketing	\$ 48,681	\$ 52,735	\$ 45,605	\$ 147,021
Total	\$ 2,200,381	\$ 2,383,630	\$ 2,061,347	\$ 5,880,848
Net MWh Savings	9,735	10,238	8,596	28,569
Units	15,639	16,449	13,811	45,899

TRC: 1.31



Residential Energy Star New Homes

- Program Description

New construction covers the building of new energy-efficient homes, including the new home's envelope (outer walls, windows, doors, skylights, roof and insulation), HVAC system, ductwork, lighting and appliances. The program targets builders with a package of training, technical and marketing assistance and incentives for construction of ENERGY STAR homes. This program is designed to be closely coordinated with the Ameren Illinois Company's ("AIC") Residential Lighting, Appliances and Efficient Products program.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 110,295	\$ 129,833	\$ 150,444	\$ 390,573
Admin	\$ 64,397	\$ 74,281	\$ 84,684	\$ 223,362
Portfolio Admin costs	\$ 8,735	\$ 10,206	\$ 11,756	\$ 30,697
EM&V costs	\$ 5,241	\$ 6,123	\$ 7,054	\$ 18,418
Education	\$ 4,367	\$ 5,103	\$ 5,878	\$ 15,348
Marketing	\$ 4,367	\$ 5,103	\$ 5,878	\$ 15,348
Total	\$ 197,403	\$ 230,649	\$ 265,695	\$ 613,935
Net MWh Savings	259	296	333	889
Net Therm Savings	12,181	13,921	15,662	41,764
Total measures	175	200	225	600

TRC: 1.02



Residential Multifamily

- Program Description

The program would provide installation of measures in tenant spaces and also provide significant incentives for replacement of standard efficiency common area lighting and incandescent and fluorescent exit signs with LED exit signs. More expensive or complex measures (windows, replacement of roof-top AC units) would be subject to an energy analysis to validate cost-effectiveness and set incentive levels. The program would include limited technical services such as walk-through audits to determine approximate measure of cost effectiveness.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 651,809	\$ 765,074	\$ 861,078	\$ 2,277,961
Admin	\$ 798,984	\$ 924,353	\$ 1,028,420	\$ 2,751,756
Portfolio Admin costs	\$ 72,540	\$ 84,471	\$ 94,475	\$ 251,486
EM&V costs	\$ 43,524	\$ 50,683	\$ 56,685	\$ 150,892
Education	\$ 36,270	\$ 42,236	\$ 47,237	\$ 125,743
Marketing	\$ 36,270	\$ 42,236	\$ 47,237	\$ 125,743
Total	\$ 1,639,395	\$ 1,909,053	\$ 2,135,132	\$ 5,029,717
Net MWh Savings	3,749	4,126	4,304	12,179
Net Therm Savings	184,658	219,477	238,594	642,728
Total measures	50,705	54,053	54,442	159,200

TRC: 1.71



Residential Demand Response

- Program Description

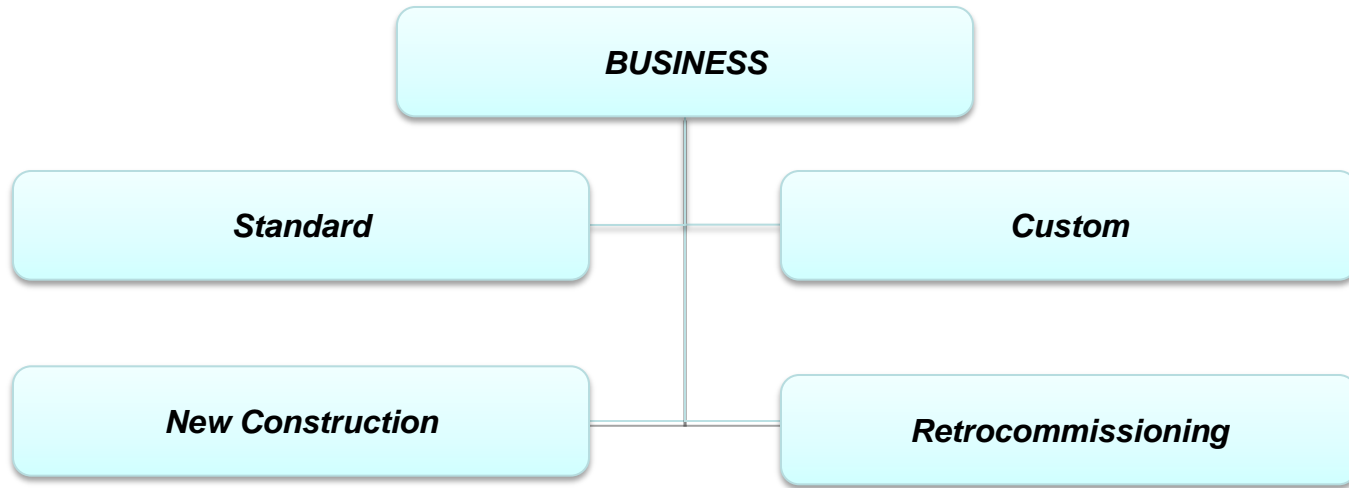
The Demand Response Program is designed for and offered to residential customers that pay their electric bill to Ameren Illinois Utilities and have central air conditioning. The purpose of the program is to encourage Ameren Illinois Utilities customers to install web enabled smart thermostats that can be dispatched in times of high peak load to control HVAC equipment, thereby reducing demand during critical periods. The web enabled technology will also allow customers to program their thermostat remotely over the internet throughout the year.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 1,668,600	\$ 1,718,658	\$ 1,770,218	\$ 5,157,476
Admin	\$ 640,514	\$ 639,555	\$ 642,400	\$ 1,922,469
Portfolio Admin costs	\$ 115,456	\$ 117,911	\$ 120,631	\$ 353,997
EM&V costs	\$ 69,273	\$ 70,746	\$ 72,379	\$ 212,398
Education	\$ 57,728	\$ 58,955	\$ 60,315	\$ 176,999
Marketing	\$ 57,728	\$ 58,955	\$ 60,315	\$ 176,999
Total	\$ 2,609,299	\$ 2,664,781	\$ 2,726,258	\$ 7,079,945
Net MWh Savings	1,288	1,288	1,288	3,865
Net MW Savings	5	5	5	15
Units	6,000	6,000	6,000	18,000

TRC: 1.56



Business Portfolio



Business Standard

- Program Description

The Business Standard Program will incent customers to purchase energy efficient products. Measures included within this program will have predetermined savings values and fixed incentive levels associated with them (although these incentive values may change as program budgets and performances alter throughout the year). Applications are filled out and delivered to Ameren Illinois Company (“AIC”) via contractors, customers, or through the Act On Energy website. A parallel marketing campaign for motors is included within this program. Trade allies including contractors, retailers, and distributors will be the main sales force promoting the program and educating customers.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 8,637,128	\$ 8,497,941	\$ 8,588,050	\$ 25,723,118
Admin	\$ 3,522,228	\$ 3,457,700	\$ 3,463,243	\$ 10,443,171
Portfolio Admin costs	\$ 607,968	\$ 597,782	\$ 602,565	\$ 1,808,314
EM&V costs	\$ 364,781	\$ 358,669	\$ 361,539	\$ 1,084,989
Education	\$ 303,984	\$ 298,891	\$ 301,282	\$ 904,157
Marketing	\$ 303,984	\$ 298,891	\$ 301,282	\$ 904,157
Total	\$ 13,740,072	\$ 13,509,874	\$ 13,617,961	\$ 40,867,906
Net MWh Savings	51,875	45,681	42,694	140,250
Net Therms	826,279	834,500	811,728	2,472,507
Total measures	194,200	165,032	160,492	519,724

TRC: 1.95



Business Custom

- Program Description

The Custom Program applies to products in lighting, HVAC, refrigeration, motors, and some process upgrades that do not fall into the Standard Program Incentive program. These projects normally are complex and unique requiring separate incentive applications and calculations of estimated energy savings.

Year	Program Metrics			
	2012	2013	2014	Total
Incentive	\$ 7,486,202	\$ 7,811,893	\$ 7,769,884	\$ 23,067,979
Admin	\$ 2,994,481	\$ 3,124,757	\$ 3,107,954	\$ 9,227,192
Portfolio Admin costs	\$ 524,034	\$ 546,833	\$ 543,892	\$ 1,614,759
EM&V costs	\$ 314,420	\$ 328,100	\$ 326,335	\$ 968,855
Education	\$ 262,017	\$ 273,416	\$ 271,946	\$ 807,379
Marketing	\$ 262,017	\$ 273,416	\$ 271,946	\$ 807,379
Total	\$ 11,843,172	\$ 12,358,415	\$ 12,291,956	\$ 36,493,543
Net MWh Savings	57,776	58,325	56,353	172,454
Net Therms	53,181	56,257	50,037	159,475
Total measures	41,431	33,597	29,382	104,410

TRC: 2.09



Business Retro-Commissioning

Program Description

Ameren Illinois Company (“AIC”) will continue to leverage the existing infrastructure of qualified contractors and marketing partners that has delivered measureable energy savings in the 2008-2010 implementation period. The program will seek to identify efficiency opportunities associated with existing mechanical, electrical and thermal systems in nonresidential buildings by providing options for retrofitting equipment that is inefficient and outdated. This program also assists occupants in improving their operation and maintenance practices via compressed air and process system upgrades.

Year	Program Metrics			
	2012	2013	2014	Total
Incentive	\$ 160,677	\$ 168,081	\$ 174,297	\$ 503,055
Admin	\$ 91,220	\$ 91,478	\$ 91,643	\$ 274,342
Portfolio Admin costs	\$ 12,595	\$ 12,978	\$ 13,297	\$ 38,870
EM&V costs	\$ 7,557	\$ 7,787	\$ 7,978	\$ 23,322
Education	\$ 6,297	\$ 6,489	\$ 6,649	\$ 19,435
Marketing	\$ 6,297	\$ 6,489	\$ 6,649	\$ 19,435
Total	\$ 284,644	\$ 293,302	\$ 300,512	\$ 878,459
Net MWh Savings	3,115	3,106	3,043	9,264
Net Therms	,659	4,193	4,001	12,853
Total measures	350	368	371	1,089

TRC: 3.04



Business New Construction

- Program Description

The New Construction program is meant to encourage energy efficient building practices within the AIC service territory. There are several market barriers that must be overcome including high first cost, lack of building construction activity, and market adoption of these relatively complex and innovative building design practices. Through increased education and training as well as financial incentives, AIC will attempt to influence the market and promote efficient building design and construction.

Program Metrics				
Year	2012	2013	2014	Total
Incentive	\$ 940,699	\$ 938,742	\$ 961,553	\$ 2,840,993
Admin	\$ 1,286,619	\$ 1,261,903	\$ 1,274,814	\$ 3,823,335
Portfolio Admin costs	\$ 111,366	\$ 110,032	\$ 111,818	\$ 333,216
EM&V costs	\$ 66,820	\$ 66,019	\$ 67,091	\$ 199,930
Education	\$ 55,683	\$ 55,016	\$ 55,909	\$ 166,608
Marketing	\$ 55,683	\$ 55,016	\$ 55,909	\$ 166,608
Total	\$ 2,516,869	\$ 2,486,728	\$ 2,527,095	\$ 7,530,691
Net MWh Savings	8,724	7,880	7,450	24,054
Net Therms	78,493	79,547	77,542	235,582
Total measures	22,654	18,443	17,606	58,703

TRC: 1.42



Separate Attachments

- Workbook with measure list, TRC,
- Workbook with portfolio tables
- PY2 Key Indicator Report