

Program Cost-Effectiveness - 2008 PLAN

	Total Resource Benefit/Cost Ratio	Present Value				Lifetime MWh Savings	Number of Customers Served
		Benefit (\$000)	Utility Costs (\$000)	Customer Costs (\$000)			
Residential Programs							
ENERGY STAR Homes	1.53	\$ 1,936.6	\$ 858.8	\$ 409.4	1,314.9	365	
Home Energy Solutions	1.10	\$ 2,569.9	\$ 1,627.2	\$ 713.8	24,055.3	1,278	
ENERGY STAR Lighting	3.50	\$ 5,233.0	\$ 1,039.6	\$ 456.2	72,965.1	242,772	
ENERGY STAR Appliances	1.30	\$ 1,660.2	\$ 632.8	\$ 643.7	12,003.5	10,586	
Home Energy Assistance	1.09	\$ 1,958.9	\$ 1,656.0	\$ 136.9	12,317.0	684	
EnergyStar Homes (Geothermal)	1.18	\$ 664.5	\$ 316.4	\$ 245.1	15,282.1	34	
Other Utility Specific Program	0.00	\$ -	\$ -	\$ -	-	-	
Subtotal Residential	1.61	\$ 14,023.0	\$ 6,130.9	\$ 2,605.1	137,937.9	255,719	
Commercial/Industrial Programs							
New Construction / Major Renovation	2.10	\$ 6,642.3	\$ 2,077.4	\$ 1,089.2	72,926.5	140	
Large C&I Retrofit	2.54	\$ 14,129.8	\$ 2,448.4	\$ 3,106.1	167,755.6	144	
Small C&I Retrofit	1.43	\$ 6,294.5	\$ 2,374.2	\$ 2,015.8	82,147.7	460	
C&I RFP Pilot	3.01	\$ 2,802.7	\$ 519.4	\$ 411.5	27,376.6	3	
Other (Education, Partnerships)	0.00	\$ -	\$ 157.7	\$ -	-	-	
Smart Start		\$ -	\$ 50.0	\$ -	-	-	
Subtotal C&I	2.10	29,869.3	\$ 7,627.0	6,622.6	350,206.5	747	
Total		\$ 43,892.3	\$ 13,757.9	\$ 9,227.6	488,144.4	256,466	

Shareholder Incentive Calculation
 2008

	<u>Planned</u>	<u>Actual</u>
Commercial/Industrial Incentive		
1. Benefit/Cost Ratio	2.10	0.00
2. Threshold Benefit / Cost Ratio ¹	1.00	
3. Lifetime kWh Savings	350,206,469	0
4. Threshold Lifetime kWh Savings (65%) ²	227,634,205	
5. Budget	\$ 7,627,003	
6. Benefit / Cost Percentage of Budget	4.00%	
7. Lifetime kWh Percentage of Budget	4.00%	
8. C/I Shareholder Incentive	\$610,160	
9. Cap (12%)	\$915,240	
Residential Incentive		
10. Benefit / Cost Ratio	1.61	0.00
11. Threshold Benefit / Cost Ratio ¹	1.00	
12. Lifetime kWh Savings	137,937,930	0
13. Threshold Lifetime kWh Savings (65%) ²	89,659,655	
14. Budget	\$ 6,130,888	
15. Benefit / Cost Percentage of Budget	4.00%	
16. Lifetime kWh Percentage of Budget	4.00%	
17. Residential Incentive	\$490,471	
18. Cap (12%)	\$735,707	
19. TOTAL INCENTIVE EARNED		

Notes

1. Actual Benefit / Cost Ratio for each sector must be greater than or equal to 1.0.
2. Actual Lifetime kWh Savings for each sector must be greater than or equal to 65% of projected savings.

Planned Versus Actual Benefit / Cost Ratio by Sector
 2008

	<u>Planned</u>	<u>Actual</u>
Commercial & Industrial:		
1. Benefits (Value) From Eligible Programs	\$ 29,869,274	
2. Implementation Expenses	\$ 7,627,003	
3. Customer Contribution	<u>\$ 6,622,568</u>	
4. Total Costs Excluding Shareholder Incentive	\$ 14,249,571	
5. Benefit/Cost Ratio - C&I Sector	2.10	0.00
 Residential:		
6. Benefits (Value) From Eligible Programs	\$ 14,023,024	
7. Implementation Expenses	\$ 6,130,888	
8. Customer Contribution	<u>\$ 2,605,078</u>	
9. Total Costs Excluding Shareholder Incentive	\$ 8,735,966	
10. Benefit/Cost Ratio - Residential Sector	1.61	0.00

Actual Lifetime Energy Savings by Sector and Program
 2008

	Lifetime kWh Savings	
	<u>Planned</u>	<u>Actual</u>
Commercial & Industrial:		
New Equipment & Construction	72,926,467	
Large C&I Retrofit	167,755,620	
Small Business Energy Solutions	82,147,746	
Education	0	
Utility Specific (Energy Rewards RFP Program)	27,376,636	
Other	<u>0</u>	
 Total Commercial & Industrial Included for Incentive Calculation	 350,206,469	 0
Residential:		
Home Energy Assistance Program	12,316,986	
Home Energy Solutions Program	24,055,277	
ENERGY STAR Homes Program	1,314,857	
ENERGY STAR Appliance Program	12,003,536	
ENERGY STAR Lighting Program	72,965,127	
Electro-Thermal Storage Units	0	
Utility Specific: ENERGY STAR Homes - Geothermal)	<u>15,282,147</u>	
 Total Residential Included for Incentive Calculation	 137,937,930	 0