

UPDATED COST EFFECTIVENESS TESTS

DEMAND SIDE MANAGEMENT UPDATED 2009 BUDGET - PROGRAM PORTFOLIO DESCRIPTIONS (1 Year)									
PROGRAMS	Total Resource Cost		Participant Test		Utility Cost Test		Ratepayer Impact Measure Test		Total Participants
	NPV	B/C	NPV	B/C	NPV	B/C	NPV	B/C	1 Years
Thermwise Appliance Rebate	\$6,591,549	1.8	\$9,971,404	2.2	\$9,290,127	2.8	\$6,725,466	1.9	34,685
Thermwise Business Rebates	\$2,471,117	3.0	\$2,716,909	3.4	\$2,979,347	5.0	\$2,553,132	3.2	1,364
Thermwise Builder Rebates	\$2,483,479	1.7	\$4,201,319	2.3	\$3,683,410	2.6	\$2,620,019	1.8	3,215
Thermwise Weatherization Rebates	\$20,938,912	2.3	\$24,429,427	2.4	\$27,783,804	4.1	\$21,513,189	2.4	35,170
Thermwise Home Energy Audit	\$7,174	1.0	\$765,749	24.5	\$650	1.0	-\$134,405	0.8	6,151
Low Income Weatherization	\$14,215	1.0	\$395,423	0.0	\$14,215	1.0	-\$74,637	0.9	270
Thermwise Multi-Family Rebates	\$2,292,601	1.6	\$3,887,192	2.3	\$3,383,292	2.4	\$2,381,918	1.7	6,089
Thermwise Business Custom Rebates	\$241,775	1.8	\$519,839	5.2	\$264,647	1.9	\$194,359	1.5	15
Market Transformation	-\$1,265,802	0.0	\$0	N/A	-\$1,265,802	0.0	-\$1,265,802	0.0	850,000
Totals	\$33,775,020	2.0	\$46,887,262	2.4	\$46,133,690	3.1	\$34,513,239	2.0	936,959

COST EFFECTIVENESS TESTS UPDATED 2009 BUDGET - THERMWISE WEATHERIZATION REBATES PROGRAM (1 Year)									
MEASURE	Total Resource Cost		Participant Test		Utility Cost Test		Ratepayer Impact Measure Test		Total Participants
	NPV	B/C	NPV	B/C	NPV	B/C	NPV	B/C	1 Years
Windows - Residential	\$2,627,118	4.8	\$2,947,946	4.4	\$2,686,366	5.3	\$2,115,021	2.8	7,166
Wall Insulation	\$321,811	1.9	\$407,236	1.9	\$474,065	3.2	\$356,966	2.1	870
Attic Insulation - Residential	\$17,928,948	2.4	\$19,431,742	2.2	\$24,331,098	4.8	\$19,111,736	2.6	25,000
Floor Insulation	\$1,523,336	3.7	\$1,604,366	3.3	\$1,753,938	6.2	\$1,398,479	3.0	2,000
Programmable Thermostat - Residential	\$23,235	7.4	\$25,856	6.7	\$23,411	7.7	\$18,567	3.2	116
Duct Sealing	\$2,908	2.5	\$4,022	2.6	\$3,093	2.7	\$2,247	1.8	8
Duct Insulation - Residential	\$6,825	3.5	\$8,258	3.4	\$7,103	3.8	\$5,444	2.3	10
Program Costs	-\$1,495,270	0.0	\$0	N/A	-\$1,495,270	0.0	-\$1,495,270	0.0	
Totals	\$20,938,912	2.3	\$24,429,427	2.4	\$27,783,804	4.1	\$21,513,189	2.4	35,170

COST EFFECTIVENESS TESTS UPDATED 2009 BUDGET - THERMWISE MULTI-FAMILY REBATES PROGRAM (1 Year)									
MEASURE	Total Resource Cost		Participant Test		Utility Cost Test		Ratepayer Impact Measure Test		Total Participants
	NPV	B/C	NPV	B/C	NPV	B/C	NPV	B/C	1 Years
Energy Star Clothes Washer - Tier 1 (multi family)	\$5,529	1.3	\$14,305	1.6	\$13,616	2.2	\$8,867	1.6	220
Energy Star Clothes Washer - Tier 2 (multi family)	\$8,791	1.4	\$22,841	1.8	\$15,273	1.9	\$9,142	1.4	220
High Efficiency Gas Clothes Dryer (multi family)	\$5,174	1.6	\$11,426	2.0	\$7,374	2.1	\$4,606	1.5	220
High Efficiency Gas Furnace (multi family)	\$30,755	1.3	\$53,333	1.5	\$70,355	2.4	\$49,645	1.7	165
Storage Water Heater (multi family)	\$2,702	1.8	\$4,625	2.1	\$4,022	2.8	\$2,828	1.8	44
Residential Boiler (multi family)	\$99,084	1.6	\$136,289	1.6	\$204,684	4.1	\$154,892	2.3	165
Wall Insulation (multi family)	\$406,643	1.9	\$514,587	1.9	\$599,033	3.2	\$451,065	2.1	550
Floor Insulation (multi family)	\$197,649	3.7	\$208,162	3.3	\$227,569	6.2	\$181,449	3.0	220
Attic Insulation (multi family)	\$1,680,274	2.4	\$1,821,114	2.2	\$2,280,274	4.8	\$1,791,124	2.6	3,000
Replacement Windows (multi family)	\$877,958	4.8	\$985,175	4.4	\$897,758	5.3	\$706,820	2.8	1,100
Solar Water Heater (multi family)	\$1,173	1.0	-\$690	1.0	\$3,923	2.0	\$2,514	1.5	5
Tank Less Gas Water Heater (multi family)	\$5,528	1.5	\$7,253	1.6	\$13,028	3.9	\$9,804	2.3	15
Energy Star Multi Family	\$89,591	1.8	\$108,772	1.7	\$164,633	5.0	\$127,412	2.6	165
Program Costs	-\$1,118,249	0.0	\$0	N/A	-\$1,118,249	0.0	-\$1,118,249	0.0	
Totals	\$2,292,601	1.6	\$3,887,192	2.3	\$3,383,292	2.4	\$2,381,918	1.7	6,089