



Source:2010 IRP Appendix A: Final Order

Commercial Custom				Participation kWh		Participation kWh		Participation kWh	
Measure	Unit	Energy Savin	Demand Savin	2011	2011	2012	2012	2013	2013
Lighting 24%>-ASHRAE 20		256,399	68.89	182	4664618	319		403	
Lighting 40%>-ASHRAE 20		415,548	111.29	12	4986576	15		19	
Lighting 30%>-ASHRAE 20		589,090	174.15	2	1178180	3		3	
Custom Total	NA	NA	NA	196	52,829,374	337	0	425	0
Commercial Prescriptive				Participation kWh		Participation kWh		Participation kWh	
Measure	Unit	Energy Savin	Demand Savin	2011	2011	2012	2012	2013	2013
T8 Linear Florifixture		111	0.04	266	29526	739		949	
Occupancy Se sensor		4335	1.88	664	2878440	1447		1731	
High Bay Light fixture		2262	0.02	266	601692	739		949	
LED Exit sign sign		322	0.07	0	0	714		815	
Packaged A/C ton		305	0.17	0	0	236		242	
Packaged AS ton		737	0.25	0	0	117		120	
Reflective Ro cF		0	0	89	0	120		123	
Duct & Air Se cF		2	0	109	218	125		149	
Hi Eff Elec Ste each		168	0.04	167	28056	287		347	
Heat Pump W tons cooling		9122	2.74	124	1131128	130		133	
Pipe Insulatio feet		9	0	112	1008	182		188	
Heat exchang each		4233	1.47	0	0	8		8	
Grocery Anti- control		14097	1.33	17	239649	20		23	
Grocery Door feet		281	0.05	0	0	13		16	
Grocery Pipe feet		18	0	0	0	1		1	
Restaurant Dre each		9800	3.09	0	0	27		28	
Rest ES Holding cabinet		7429	1.91	0	0	57		69	
Rest. ES Elec each		1231	0.3	0	0	48		58	
Res. ES Stear each		2676	0.72	41	109716	61		78	
Rest. High Eff each		2606	0.66	41	106846	61		78	
Res. ES Refrit each		5120	1	0	0	78		99	
Res. ES Dish each		16131	4.48	0	0	22		28	
Prescriptive Total	NA	NA	NA	1896	5,126,279	5232	0	6232	0
<b>Commercial Total</b>	NA	NA	NA	2,092	57,955,653	5,569	0	6,657	0

Residential New Construction				Participation kWh		Participation kWh		Participation kWh	
Measure	Unit	Energy Savin	Demand Savin	2011	2011	2012	2012	2013	2013
Single Family each		1223	0.44	4800	5870400	7348	8,986,604	9673	11,830,079
MF HP and E each		2500	0.39	750	1875000	750	1,875,000	1161	2,902,500
Total	NA	NA	NA	5550	7,745,400	8,098	10,861,604	10,834	14,732,579

Residential Refrigeration Recycling				Participation kWh		Participation kWh		Participation kWh	
Measure	Unit	Energy Savin	Demand Savin	2011	2011	2012	2012	2013	2013
Refrigerator Feach		1101	0.16	7418	8,167,218	11127		14836	
Total	NA	NA	NA	7418	8,167,218	11127	0	14836	0

Existing Residential				Participation kWh		Participation kWh		Participation kWh	
measure	unit	Energy savin	demand savin	2011	2011	2012	2012	2013	2013
Whole House home		4,551	0.76	99	450,549	199	905,649	224	1,019,424
WH SF Gas home		416	0.43	217	90,272	435	180,960	490	203,840
WH MF HP dwelling/unit		1,063	0.17	42	44,646	84	89,292	94	99,922
WH MF Gas dwelling/unit		149	0.08	17	2,533	33	4,917	37	5,513
unbundled SFhome		2,440	0.42	562	1,371,280	1,125	2,745,000	1,269	3,096,360
unbundled SFhome		228	0.25	1,230	280,440	2,462	561,336	2,776	632,928
unbundled MFdwelling/unit		570	0.09	239	136,230	476	271,320	534	304,380
unbundled MFdwelling/unit		82	0.05	94	7,708	186	15,252	209	17,138
Unbundled Hhome		0	0	531	0	1,062	0	1,197	0
Total	NA	NA	NA	3,031	2,383,658	6,062	4,773,726	6,830	5,379,505

Residential Lighting & Appliances				Participation kWh		Participation kWh		Participation kWh	
measure	unit	energy savin	demand savin	2011	2011	2012	2012	2013	2013
ES Refrigerat each		161	0.04	0	0	0		0	
ES Freezers each		138	0.03	0	0	0		0	
ES Clothes W each		684	0.09	0	0	0		0	
ES Room AC each		133	0.13	0	0	0		0	
CFL screw in each		212	0.11	32,500	6,890,000	0		0	
CFL screw in each		212	0.11	0	0	0		0	
Total				32,500	6,890,000				

Residential Water Heating				Participation kWh		Participation kWh		Participation kWh	
Measure	Unit	Energy Savin	Demand Savin	2011	2011	2012	2012	2013	2013
WH Improv home		544	0.1	800	435,200	900	489,600	1,000	544,000
Total	NA	NA	NA	800	435,200	900	489,600	1,000	544,000

Whole house improvements include insulation blanket, pipe insulatio, and recommendation of tempature setbacks were appropriate

<b>Residential Total</b>	NA	NA	NA	49,299	25,621,476	26,187	16,124,930	33,500	20,656,084
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Program Costs						
	2011	2011	2011	2011	2011	2011
	Incentive	Program Adm	Program Mark	Program Eval	Total Cost w/	Total Cost w/incentive
Commercial						
Prescriptive	\$1,028,210	\$534,626	\$1,436,674	\$0	\$1,971,300	\$2,999,510
Commercial						
Custom	\$1,300,251	\$374,527	\$377,372	\$0	\$751,899	\$2,052,150
Commercial						
Total	\$2,328,461	\$909,153	\$1,814,046	\$0	\$2,723,199	\$5,051,660
Residential						
Water						
Heater	\$40,000	\$54,576	\$146,702	\$0	\$201,278	\$241,278
Residential						
Existing						
Home	\$601,742	\$985,865	\$683,991	\$0	\$1,669,856	\$2,271,598
Residential						
Lighting & Appliances	\$214,500	\$150,899	\$831,185	\$0	\$982,084	\$1,196,584
Residential						
Refrigerator	\$259,630	\$813,896	\$370,900	\$0	\$1,184,796	\$1,444,426
Residential						
New Homes	\$1,552,500	\$251,615	\$834,330	\$0	\$1,085,945	\$2,638,445
Residential						
Total	\$2,668,372	\$2,256,851	\$2,867,108	\$0	\$5,123,959	\$7,792,331
Total	\$4,996,833	\$3,166,004	\$4,681,154	\$0	\$7,847,158	\$12,843,991

Cross Cutting Program Costs \$900,000  
\$13,743,991

2010 IRP: Volume 2 Load and Energy Forecast (Public Disclosure)  
2009 Actual Energy (GWh) Actual Peak Demand (MW) - Attachment 9.4-2  
Territorial 81,373 16,081  
Retail 81,347  
Residential 26,272  
Commercial 32,593  
Industrial 21,810