

Measure Description		High Efficiency Product Assumptions		Baseline Product Assumptions		Electric Product Detailed Technical Assumptions										Stipulated Output		Economic Assumptions		Technical Assumption		Program Forecast Inputs				Stipulated Forecast Inputs				Program Forecast Outputs							
						2012		2013		2012		2013																									
Electric Measure Group	Electric Measure Description	Efficient Product Description - Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hr/yr)	Baseline Product Description - Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hr/yr)	Measure Lifetime (years)	Rebate Amount (\$)	Average Baseline Product Cost (\$)	Incremental Cost of Efficient Product (\$)	Assumed Energy Cost (\$/kWh)	Rebate as a % of Incremental Cost (%)	Increment1 Payback Period w/o Rebate (yrs)	Increment1 Payback Period w Rebate (yrs)	Annual Customer kWh Savings (kWh/yr)	Rebate1 Cost / Cost kWh Saved (\$/kWh)	Rebate1 Lifetime Total Cost kWh Saved (\$/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2012 Participants (1)	2012 Units (1)	2013 Participants (1)	2013 Units (1)	HTG (%)	Installation Rate (%)	Realization Rate (%)	2012 NET Gen kWh (MWh)	2012 NET Gen kWh (MWh)	2012 Rebate Budget (\$)	2013 NET Gen kWh (MWh)	2013 NET Gen kWh (MWh)	2013 Rebate Budget (\$)	
New Home Install High Efficiency ENERGY STAR AC CEE Tier 1	New High Eff AC	3 Ton 14.5 SEER, 12 EER w/ Quality Installation	3,000	919	3T SEER 13 EER 11.1 w/o Quality Installation	3,220	919	14.00	\$250	\$4,329	\$4,579 \$1,900	\$ 0.114	48%	22.6	11.7	202	\$1,237	\$0,088	0.22	0.21	\$0.00	\$0.00	90%	1	1	1	1	100%	100%	100%	0	195	\$250	0	192	\$250	
		3 Ton 15 SEER, 12.5 EER w/ Quality Installation	2,880	766	3T SEER 13 w/o Quality Installation	3,220	766	14.00	\$350	\$4,329	\$4,679 \$3,004	\$ 0.114	51%	23.3	11.5	261	\$1,343	\$0,096	0.34	0.33	\$0.00	\$0.00	90%	1	1	1	1	100%	100%	100%	0	283	\$304	0	279	\$304	
	New High Eff AC w/ QI	3 Ton 15 SEER, 13 EER w/ Quality Installation	2,769	813	3T SEER 13 w/o Quality Installation	3,220	813	14.00	\$500	\$4,329	\$4,829 \$1,259	\$ 0.114	48%	24.9	12.9	386	\$1,365	\$0,097	0.45	0.43	\$0.00	\$0.00	90%	2	2	2	2	100%	100%	100%	1	796	\$1,126	1	785	\$1,126	
		3 T Units with Quality Installation	2,238	607	3T Units with Quality Installation	3,220	607	7.00	\$0	\$0	\$200	\$ 0.114	0%	2.9	2.9	596	\$0,000	\$0,000	0.98	0.94	\$0.00	\$0.00	90%	0	0	0	0	0%	100%	100%	0	0	\$0	0	0	\$0	
	New High Eff AC w/ QI	3 T Units with Quality Installation	2,005	584	3T Units w/o Quality Installation	3,000	584	7.00	\$0	\$0	\$200	\$ 0.114	0%	3.3	3.3	534	\$0,000	\$0,000	0.91	0.88	\$0.00	\$0.00	90%	1	1	1	1	100%	100%	100%	1	560	\$0	1	575	\$0	
		3 T Units with Quality Installation	2,002	588	3T Units w/o Quality Installation	2,880	588	7.00	\$0	\$0	\$200	\$ 0.114	0%	3.4	3.4	516	\$0,000	\$0,000	0.98	0.94	\$0.00	\$0.00	90%	2	2	2	2	100%	100%	100%	2	1,122	\$0	2	1,107	\$0	
	New High Eff AC w/ QI	3 T Units with Quality Installation	1,925	573	3T Units w/o Quality Installation	2,769	573	7.00	\$0	\$0	\$200	\$ 0.114	0%	3.6	3.6	494	\$0,000	\$0,000	0.94	0.81	\$0.00	\$0.00	90%	3	3	3	3	100%	100%	100%	2	1,577	\$0	2	1,557	\$0	
		3T SEER 13 w/o Quality Installation	3,000	919	3T SEER 13 w/o Quality Installation	3,220	919	14.00	\$250	\$4,329	\$4,579 \$1,900	\$ 0.114	48%	22.6	11.7	202	\$1,237	\$0,088	0.22	0.21	\$0.00	\$0.00	90%	7	7	7	7	100%	100%	100%	1	1,317	\$1,689	1	1,300	\$1,689	
	Existing Home Install High Efficiency ENERGY STAR AC CEE Tier 2	Replace with High Eff AC	3 Ton 15 SEER, 12.5 EER w/ Quality Installation	2,880	766	3T SEER 13 w/o Quality Installation	3,220	766	14.00	\$350	\$4,329	\$4,679 \$3,004	\$ 0.114	51%	23.3	11.5	261	\$1,343	\$0,096	0.34	0.33	\$0.00	\$0.00	90%	33	33	33	33	100%	100%	100%	10	8,205	\$11,431	10	8,089	\$11,431
			3 Ton 15 SEER, 13 EER w/ Quality Installation	2,769	813	3T SEER 13 w/o Quality Installation	3,220	813	14.00	\$500	\$4,329	\$4,829 \$1,259	\$ 0.114	48%	24.9	12.9	386	\$1,365	\$0,097	0.45	0.43	\$0.00	\$0.00	90%	67	67	67	67	100%	100%	100%	33	39,635	\$43,359	33	39,241	\$43,359
	Existing Home Provide Quality Installation of new AC in exist home - AC 3 T, 13 SEER	Replace with High Eff AC w/ QI	3 T Units with Quality Installation	2,325	607	3T Units w/o Quality Installation	3,220	607	7.00	\$0	\$0	\$200	\$ 0.114	0%	3.2	3.2	543	\$0,000	\$0,000	0.89	0.86	\$0.00	\$0.00	90%	38	38	38	38	100%	100%	100%	29	20,021	\$0	29	19,764	\$0
			3 T Units with Quality Installation	2,198	584	3T Units w/o Quality Installation	3,000	584	7.00	\$0	\$0	\$200	\$ 0.114	0%	3.6	3.6	457	\$0,000	\$0,000	0.93	0.80	\$1.00	\$0.00	90%	7	7	7	7	100%	100%	100%	5	5,077	\$0	5	5,038	\$0
	Existing Home Provide Quality Installation of new AC in exist home - AC 3 T, 15 SEER	Replace with High Eff AC w/ QI	3 T Units with Quality Installation	2,080	588	3T Units w/o Quality Installation	2,880	588	7.00	\$0	\$0	\$200	\$ 0.114	0%	3.7	3.7	471	\$0,000	\$0,000	0.80	0.77	\$2.00	\$0.00	90%	33	33	33	33	100%	100%	100%	22	14,873	\$0	22	14,862	\$0
			3 T Units with Quality Installation	2,000	573	3T Units w/o Quality Installation	2,769	573	7.00	\$0	\$0	\$200	\$ 0.114	0%	4.0	4.0	441	\$0,000	\$0,000	0.77	0.74	\$3.00	\$0.00	90%	66	66	66	66	100%	100%	100%	57	39,717	\$0	57	39,246	\$0
	Install High Efficiency AC With Quality Installation Trade In	Early Rebate/Install High Efficiency AC	3 Ton 14.5 SEER, 11.9 SEER w/ Quality Installation	2,210	722	3T SEER 13 EER 9.2 w/o Quality Installation	3,913	722	7.00	\$600	\$3,349	\$999	\$ 0.114	60%	7.1	2.8	1,230	\$0,488	\$0,070	1.70	1.64	\$0.00	\$0.00	90%	394	394	394	394	100%	100%	100%	574	467,448	\$236,503	574	467,449	\$236,503
			3 Ton 14.5 SEER, 12 EER w/ Quality Installation	2,166	730	3T SEER 13 EER 9.2 w/o Quality Installation	3,913	730	7.00	\$650	\$3,349	\$4,000 \$1,700	\$ 0.114	74%	7.9	2.1	1,275	\$0,607	\$0,095	1.75	1.68	\$0.00	\$0.00	90%	68	68	68	68	100%	100%	100%	101	83,068	\$57,436	101	82,032	\$57,436
Install High Efficiency ENERGY STAR AC CEE Tier 2 with Quality Installation Trade In	Early Rebate/Install High Efficiency AC	3 Ton 15 SEER, 12.5 EER w/ Quality Installation	2,080	718	3T SEER 13 EER 9.2 w/o Quality Installation	3,913	718	7.00	\$950	\$3,349	\$4,300 \$1,219	\$ 0.114	73%	8.7	2.4	1,317	\$0,721	\$0,103	1.83	1.76	\$0.00	\$0.00	90%	338	338	338	338	100%	100%	100%	530	429,076	\$301,968	530	423,568	\$301,968	
		3 Ton 15 SEER, 13 EER w/ Quality Installation	2,000	728	3T SEER 13 EER 9.2 w/o Quality Installation	3,913	728	7.00	\$1,100	\$3,349	\$4,450 \$1,019	\$ 0.114	68%	10.2	3.2	1,393	\$0,789	\$0,113	1.91	1.84	\$0.00	\$0.00	90%	690	690	690	690	100%	100%	100%	1,452	1,195,464	\$978,670	1,452	1,180,121	\$978,670	
Installation of new GSHP 6 T, 14.1 EER in NEW HOME (3030 Sq Ft) for COOLING	Install GSHP Cooling	Installation of 6 Ton capacity with 2.5 ton load - closed loop, 14.1 EER (GSHP)	1,291	900	Installation of 6 Ton 13 SEER 4800* w/ 2.5 ton load	2,902	900	20.00	\$601	\$4,582	\$4,600 \$1,372	\$ 0.114	31%	11.7	8.0	1,450	\$0,415	\$0,021	1.61	0.72	\$0.00	\$0.00	\$0.42	5	5	5	5	100%	100%	100%	4	7,854	\$3,007	4	7,793	\$3,007	
		Installation of 3.4 Ton capacity closed loop, 14.1 EER (GSHP) with 2.5 ton load	992	701	Installation of 3.4 Ton 13 SEER 4800* w/ 2.5 ton load	2,302	701	20.00	\$341	\$4,385	\$4,531 \$591	\$ 0.114	52%	6.2	3.0	932	\$0,396	\$0,018	1.33	0.84	\$0.00	\$0.00	\$0.59	5	5	5	5	100%	100%	100%	4	5,047	\$1,708	4	4,982	\$1,708	
Installation of new GSHP 6 Ton 13 COP in EXISTING HOME (1440 Sq Ft) for HEATING	Install GSHP Heating	Installation of 6 Ton capacity, 13 COP closed loop, GSHP for 6 ton load	6,317	859	Installation of 6 Ton 13 SEER 4800* w/ 2.5 ton load	6,725	859	20.00	\$1,203	\$1,866	\$6,400 \$6,704	\$ 0.114	14%	210.5	180.4	350	\$3,423	\$0,172	0.41	0.00	\$0.00	\$0.00	\$0.00	5	5	5	5	100%	100%	100%	0	1,898	\$6,013	0	1,879	\$6,013	
		Installation of 3.4 Ton capacity, 13 COP closed loop, GSHP for 3.4 ton load	3,634	1,409	Installation of 3.4 Ton capacity, 13 COP closed loop, GSHP for 3.4 ton load	11,908	1,409	20.00	\$683	\$1,866	\$6,600 \$5,790	\$ 0.114	24%	2.2	1.6	11,857	\$0,059	\$0,003	8.27	0.00	\$0.00	\$0.00	\$0.00	5	5	5	5	100%	100%	100%	0	63,148	\$3,413	0	62,338	\$3,413	