

Electric Product Detailed Technical Assumptions																									Stipulated Forecast Inputs													
Measure Description		High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions					Stipulated Output							Economic Assumptions		Technical Assumption	2015		2016					2015				2016				
Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hrs/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 (%)	Increment'l Cost Payback Period w/o Rebate (yrs)	Increment'l Cost Payback Period w/ Rebate (yrs)	Gross Annual kWh Saved at Customer per Unit (kWh/yr)	Rebated Cost / Cust kWh Saved (\$/kWh)	Rebated Lifetime cost /Cust kWh Saved (\$/kWh)	Gross kW Saved at Customer per Unit (kW)	Gross Coincident kW Saved at Customer per Unit (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2015 Participants (-)	2015 Units (-)	2016 Participants (-)	2016 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2015 NET Gen kW (kW)	2015 NET Gen kWh (kWh)	2015 Rebate Budget (\$)	2015 Incremental Costs (\$)	2016 NET Gen kW (kW)	2016 NET Gen kWh (kWh)	2016 Rebate Budget (\$)	2016 Incremental Costs (\$)
TOTAL																								10	10	10	10				3	30,821	\$4,755	\$18,294	3	30,821	\$4,755	\$18,294
Installation of new GSHP 3.4 T 14.1 EER in EXISTING HOME(1440 Sq. Ft.) for COOLING	Install GSHP Cooling	Installation of 3.4Ton capacity closed loop, 14.1 EER GSHP with 2.0 ton load	1,702	555	Installation of 2.16Ton 13 SEER AC with 2.0 ton load	2,185	590	20.00	\$341	\$4,385	\$891	\$ 0.118	38%	21.93486833	13.53412458	344	\$0.991	\$0.050	0.48	0.52	\$0.00	\$0.00	100%	4	4	4	4	100%	100%	100%	2	1,492	\$1,365	\$3,564	2	1,492	\$1,365	\$3,564
Installation of new GSHP 3.4 T 3.3 COP in EXISTING HOME (1440 Sq. Ft.) for HEATING	Install GSHP Heating	Installation of 3.4 Ton capacity, 3.3 COP closed loop, GSHP for 3.4 ton load	3,352	1,423	Installation of ducted elec resistance hfg	11,789	1,423	20.00	\$683	\$1,866	\$3,799	\$ 0.118	18%	2.681444975	2.199662962	12,007	\$0.057	\$0.003	8.44	0.00	\$0.00	\$0.00	0%	2	2	2	2	100%	100%	100%	0	26,016	\$1,365	\$7,598	0	26,016	\$1,365	\$7,598
GSHP Baseline to GSHP High Efficiency	Install GSHP Cooling	Installation of 3.1Ton capacity closed loop, 27.49 EER GSHP with 1.9 ton load	843	595	Installation of 3.1Ton capacity closed loop, 14.25 SEER GSHP with 1.9 ton load	1,426	595	39.89	\$386	\$2,849	\$754	\$ 0.119	51%	19.75998348	9.639385325	323	\$1.194	\$0.060	0.58	0.63	9%	9%	100%	2	2	2	2	100%	100%	100%	1	701	\$772	\$1,508	1	701	\$772	\$1,508
GSHP Baseline to GSHP High Efficiency	Install GSHP Heating	Installation of 3.1 Ton capacity, 4.85 COP closed loop, GSHP for 3.1 ton load	3,739	1,643	Installation of 3.1 Ton capacity, 3.17 COP closed loop, GSHP for 3.1 ton load	3,472	1,643	39.89	\$626	\$11,982	\$2,812	\$ 0.119	22%	19.75998348	15.3607811	1,206	\$0.519	\$0.026	0.73	0.00	9%	9%	0%	2	2	2	2	100%	100%	100%	0	2,613	\$1,252	\$5,624	0	2,613	\$1,252	\$5,624