

Electric Product Detailed Technical Assumptions																							Program Forecast Inputs		Stipulated Forecast Inputs			Program Forecast Outputs			
Measure Description		High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions					Stipulated Output							Economic Assumptions		Technical Assumption	2014					2014			
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)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cust kWh Saved (\$/kWh)	Rebated Lifetime cost /Cust kWh Saved (\$/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2014 Participants (-)	2014 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2014 NET Gen kW (kW)	2014 NET Gen kWh (kWh)	2014 Rebate Budget (\$)
TOTAL																							500	8,375				131	373,839	\$111,099	
Attic Insulation	Cooling Effects from R-19 to R40 in Central AC Cooled Home	R-40 Insulation or Higher	1,869	628	R-19 Insulation	2,005	628	20.00	\$118	\$0	\$134	\$ 0.121	20%	56.96	45.57	85	\$1.38	\$0.07	0.135	0.119	\$0.00	\$0.00	80.9%	12	207	94%	100%	100%	23	17,919	\$24,343
Attic Insulation	Heating Effects from R-19 to R40 in electrically Heated Homes	R-40 Insulation or Higher	15,423	628	R-19 Insulation	16,393	628	20.00	\$118	\$0	\$134	\$ 0.121	20%	8.02	6.42	603	\$0.19	\$0.01	0.961	0.000	\$0.00	\$0.00	0.0%	1	11	94%	100%	100%	0	6,760	\$1,294
Air Sealing / bypass sealing and Weatherstripping	Tier 2 Cooling Effects with minimum 25% ACH Reduction in Electrically cooled Homes	43 ACH in 2000 sq. ft. home w/ avg 28.4% reduction	339	628	0.6 ACH in a 2000 sq. ft. home	474	628	10.00	\$95	\$0	\$100	\$ 0.121	20%	46.35	37.08	85	\$1.13	\$0.11	0.135	0.118	\$0.00	\$0.00	80.9%	8	131	94%	100%	100%	15	11,288	\$12,479
Air Sealing / bypass sealing and Weatherstripping	Tier 2 Heating Effects with minimum 25% ACH Reduction in Electrically Heated Homes	43 ACH in 2000 sq. ft. home w/ avg 28.4% reduction	6,306	628	0.6 ACH in a 2000 sq. ft. home	6,671	628	10.00	\$95	\$0	\$100	\$ 0.121	20%	2.53	2.03	1,549	\$0.06	\$0.01	2.467	0.000	\$0.00	\$0.00	0.0%	1	7	94%	100%	100%	0	11,043	\$667
Air Sealing / bypass sealing and Weatherstripping	Tier 3 Cooling Effects with minimum 33% ACH Reduction in Electrically cooled Homes	36 ACH in 2000 sq. ft. home w/ avg 39.7% reduction	285	628	0.6 ACH in a 2000 sq. ft. home	474	628	10.00	\$119	\$0	\$112	\$ 0.121	20%	41.60	33.28	118	\$1.01	\$0.10	0.188	0.165	\$0.00	\$0.00	80.9%	4	65	94%	100%	100%	10	7,822	\$7,762
Air Sealing / bypass sealing and Weatherstripping	Tier 3 Heating Effects with minimum 33% ACH Reduction in Electrically Heated Homes	36 ACH in 2000 sq. ft. home w/ avg 39.7% reduction	2,613	628	0.6 ACH in a 2000 sq. ft. home	4,130	628	10.00	\$119	\$0	\$100	\$ 0.121	20%	3.53	2.83	1,392	\$0.09	\$0.01	2.217	0.000	\$0.00	\$0.00	0.0%	1	3	94%	100%	100%	0	4,253	\$358
Wall Insulation: sub-siding or cavity	Cooling Effects from R-0 to R11 in AC Cooled Homes	R-11	2,005	628	R-0	2,591	628	20.00	\$800	\$0	\$140	\$ 0.121	37%	48.11	30.21	368	\$2.17	\$0.11	0.586	0.514	\$0.00	\$0.00	80.9%	2	31	94%	100%	100%	15	11,618	\$24,800
Wall Insulation: sub-siding or cavity	Heating Effects from R-0 to R11 in Electrically Heated Homes	R-11	16,389	628	R-0	26,446	628	20.00	\$800	\$0	\$1,410	\$ 0.121	37%	3.11	1.95	5,691	\$0.14	\$0.01	9.063	0.000	\$0.00	\$0.00	0.0%	0	3	94%	100%	100%	0	17,389	\$2,400
CFLs	2014 - provide CFLs to achieve at least 20 total (existing plus new) CFLs in the home	weighted average CFL wattage	15	628	Weighted Average Incandescent Lamp Wattage	52	628	14.43	\$2	\$0	\$3	\$ 0.121	73%	0.88	0.24	25	\$0.08	\$0.01	0.037	0.003	\$0.00	\$0.00	0.0%	465	7,785	94%	100%	100%	23	201,885	\$15,570
Refrigerator Recycling	Refrigerator Recycling	Removal of second refrigerator	0	7,361	Existing unit vintage from 7-18 yrs old	134	7,361	7.00	\$0	\$0	\$0	\$ 0.121	0%	0.00	0.00	989	\$0.00	\$0.00	0.134	0.146	\$0.00	\$0.00	100.0%	0	0	94%	100%	100%	0	0	\$0
Energy Star Refrigerator	Energy Star Refrigerator	Energy Star Refrigerator	60	8,760	Standard Refrigerator	71	8,760	13.00	\$15	\$1,070	\$30	\$ 0.121	50%	2.64	1.32	93	\$0.16	\$0.01	0.011	0.012	\$0.00	\$0.00	100.0%	1	10	94%	100%	100%	0	951	\$150
ECM Furnace Fan	ECM Furnace Fan	EC Motor	150	2,484	PSC Motor	400	2,484	15.00	\$200	\$0	\$464	\$ 0.121	43%	6.16	3.51	621	\$0.32	\$0.02	0.250	0.190	\$0.00	\$0.00	70.0%	0	8	94%	100%	100%	1	5,059	\$1,600
Dishwasher	Dishwasher with Electric DHW	0.65 Energy Factor - Energy Star Recommended	1,538	215	0.46 Energy Factor - Federal Minimum Standard	2,174	215	11.00	\$15	\$0	\$30	\$ 0.121	50%	1.81	0.90	137	\$0.11	\$0.01	0.635	0.017	\$1.64	\$0.00	2.5%	0	1	94%	100%	100%	0	139	\$15
Dishwasher	Dishwasher with Gas DHW	0.65 Energy Factor - Energy Star Recommended	870	215	0.46 Energy Factor - Federal Minimum Standard	1,229	215	11.00	\$15	\$0	\$0	\$ 0.121	50%	3.21	1.60	77	\$0.19	\$0.02	0.358	0.010	\$1.64	\$0.00	2.5%	1	14	94%	100%	100%	0	1,099	\$210
Clothes Washer	Clothes Washer with Electric DHW	Energy Star Clothes washer	2,269	200	standard clothes washer	3,243	200	11.00	\$70	\$0	\$200	\$ 0.121	35%	8.45	5.49	195	\$0.36	\$0.03	0.974	0.017	\$26.66	\$0.00	1.6%	0	1	94%	100%	100%	0	198	\$70
Clothes Washer	Clothes Washer with Gas DHW	Energy Star Clothes washer	281	200	standard clothes washer	410	200	11.00	\$70	\$0	\$0	\$ 0.121	35%	63.83	41.49	26	\$2.71	\$0.25	0.129	0.002	\$26.66	\$0.00	1.6%	1	13	94%	100%	100%	0	342	\$910
Setback Thermostat	Setback Thermostat	Energy Star Programmable thermostat (assume 1 degree set back during heating, and 4-degrees during cooling)	2,049	628	standard programmable thermostat - not energy star	2,162	628	5.00	\$25	\$0	\$13	\$ 0.121	50%	5.76	2.88	71	\$0.35	\$0.07	0.114	0.000	\$0.00	\$0.00	0.0%	3	46	94%	100%	100%	0	3,348	\$1,150
Heat Pump Water Heaters	Heat Pump Water Heaters - Natural Gas Heated Home 91%	Heat Pump Water Heater Energy Factor (EF) = 2.19	1,842	1,031	Electric Resistance storage water heater 40 Gallon EF0.9106	4,500	1,031	13.00	\$550	\$1,066	\$1,150	\$ 0.121	48%	3.46	1.80	2,741	\$0.20	\$0.02	2.658	0.346	\$0.00	-\$41.86	12.0%	0	1	94%	100%	100%	0	2,791	\$550
Heat Pump Water Heaters	Heat Pump Water Heaters - Electric Resistance Heated Home - 8%	Heat Pump Water Heater Energy Factor (EF) = 2.19	3,916	1,031	Electric Resistance storage water heater 40 Gallon EF0.9106	4,500	1,031	13.00	\$550	\$1,066	\$1,150	\$ 0.121	48%	9.33	4.87	1,015	\$0.54	\$0.04	0.985	0.128	\$0.00	\$0.00	12.0%	0	3	94%	100%	100%	0	3,101	\$1,650
Heat Pump Water Heaters	Heat Pump Water Heaters - Air Source Heat Pump Heating 1%	Heat Pump Water Heater Energy Factor (EF) = 2.19	2,982	1,031	Electric Resistance storage water heater 40 Gallon EF0.9106	4,500	1,031	13.00	\$550	\$1,066	\$1,150	\$ 0.121	48%	5.05	2.64	1,875	\$0.29	\$0.02	1.818	0.236	\$0.00	\$0.00	12.0%	0	1	94%	100%	100%	0	1,909	\$550
Evap Cooling (Denver/Front Range)	Evaporative Cooling Replacing 13 SEER central A/C (Tier 1) Replacement	3 Ton Evaporative Cooler	388	422	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	422	15.00	\$275	\$4,715	-\$4,104	\$ 0.121	-7%	-28.30	-30.20	1,194	\$0.23	\$0.02	2.832	2.148	-\$10.26	\$0.00	70.0%	0	7	94%	100%	100%	14	8,513	\$1,925
Evap Cooling (Denver/Front Range)	Evaporative Cooling Replacing 13 SEER central A/C (Tier 1) 1st Time Install	3 Ton Evaporative Cooler	388	422	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	422	15.00	\$125	\$4,715	-\$4,104	\$ 0.121	-3%	-28.30	-29.16	1,194	\$0.10	\$0.01	2.832	2.148	-\$10.26	\$0.00	70.0%	0	3	94%	100%	100%	6	3,648	\$375
Evap Cooling (Denver/Front Range)	High Efficiency Evaporative Replacing 13 SEER A/C 3 ton; (Tier 2) Replacement	High Effic Evaporative Cooler 3 Tons	388	422	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	422	15.00	\$625	\$4,715	-\$3,595	\$ 0.121	-17%	-24.79	-29.10	1,194	\$0.52	\$0.03	2.832	2.148	-\$6.77	\$0.00	70.0%	0	3	94%	100%	100%	6	3,648	\$1,875
Evap Cooling (Denver/Front Range)	High Efficiency Evaporative Replacing 13 SEER A/C 3 ton; (Tier 2) 1st Time Install	High Effic Evaporative Cooler 3 Tons	388	422	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	422	15.00	\$525	\$4,715	-\$3,595	\$ 0.121	-15%	-24.79	-28.41	1,194	\$0.44	\$0.03	2.832	2.148	-\$6.77	\$0.00	70.0%	0	3	94%	100%	100%	6	3,648	\$1,575
Evap Cooling (Denver/Front Range)	High Efficiency Evaporative Replacing 13 SEER central A/C 3 ton; (Tier 3) Replacement	Integrated HVAC with Hi Effic Evap System	760	422	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	422	15.00	\$1,000	\$4,715	-\$4,078	\$ 0.121	25%	32.38	24.44	1,037	\$0.96	\$0.06	2.460	1.865	-\$6.77	\$0.00	70.0%	0	1	94%	100%	100%	2	1,056	\$1,000
Evap Cooling (Alamosa/Mountain Areas)	Evaporative Cooling Replacing 13 SEER central A/C (Tier 1) Replacement	3 Ton Evaporative Cooler	388	261	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	261	15.00	\$275	\$4,715	-\$4,104	\$ 0.121	-7%	-45.75	-48.82	739	\$0.37	\$0.02	2.832	2.148	-\$10.26	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Alamosa/Mountain Areas)	Evaporative Cooling Replacing 13 SEER central A/C (Tier 1) 1st Time Install	3 Ton Evaporative Cooler	388	261	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	261	15.00	\$125	\$4,715	-\$4,104	\$ 0.121	-3%	-45.75	-47.15	739	\$0.17	\$0.01	2.832	2.148	-\$10.26	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Alamosa/Mountain Areas)	High Efficiency Evaporative Replacing 13 SEER A/C 3 ton; (Tier 2) Replacement	High Effic Evaporative Cooler 3 Tons	388	261	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	261	15.00	\$625	\$4,715	-\$3,595	\$ 0.121	-17%	-40.08	-47.05	739	\$0.85	\$0.06	2.832	2.148	-\$6.77	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Alamosa/Mountain Areas)	High Efficiency Evaporative Replacing 13 SEER A/C 3 ton; (Tier 2) 1st Time Install	High Effic Evaporative Cooler 3 Tons	388	261	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	261	15.00	\$525	\$4,715	-\$3,595	\$ 0.121	-15%	-40.08	-45.93	739	\$0.71	\$0.05	2.832	2.148	-\$6.77	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Alamosa/Mountain Areas)	High Efficiency Evaporative Replacing 13 SEER central A/C 3 ton; (Tier 3) Replacement	Integrated HVAC with Hi Effic Evap System	760	261	Conv Fum SEER 13 - New/ Remod Home 3 ton	3,220	261	15.00	\$1,000	\$4,715	\$4,078	\$ 0.121	25																		

Electric Product Detailed Technical Assumptions																							Program Forecast Inputs		Stipulated Forecast Inputs			Program Forecast Outputs			
Measure Description		High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions					Stipulated Output								Economic Assumptions		Technical Assumption	2014					2014		
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)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cust kWh Saved (\$/kWh)	Rebated Lifetime cost /Cust kWh Saved (\$/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2014 Participants (-)	2014 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2014 NET Gen kW (kW)	2014 NET Gen kWh (kWh)	2014 Rebate Budget (\$)
Evap Cooling (Grand Junction/Western Slope)	Evaporative Cooling Replacing 13 SEER central A/C (Tier 1) Replacement	3 Ton Evaporative Cooler	388	491	Conv Furn SEER 13 - New/ Remod Home 3 ton	3,220	491	15.00	\$275	\$4,715	-\$4,104	\$ 0.121	-7%	-24.32	-25.95	1,390	\$0.20	\$0.01	2.832	2.148	-\$10.26	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Grand Junction/Western Slope)	Evaporative Cooling Replacing 13 SEER central A/C (Tier 1) 1st Time Install	3 Ton Evaporative Cooler	388	491	Conv Furn SEER 13 - New/ Remod Home 3 ton	3,220	491	15.00	\$125	\$4,715	-\$4,104	\$ 0.121	-3%	-24.32	-25.06	1,390	\$0.09	\$0.01	2.832	2.148	-\$10.26	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Grand Junction/Western Slope)	High Efficiency Evaporative Replacing 13 SEER A/C 3 ton; (Tier 2) Replacement	High Effic Evaporative Cooler 3 Tons	388	491	Conv Furn SEER 13 - New/ Remod Home 3 ton	3,220	491	15.00	\$625	\$4,715	-\$3,595	\$ 0.121	-17%	-21.30	-25.01	1,390	\$0.45	\$0.03	2.832	2.148	-\$6.77	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Grand Junction/Western Slope)	High Efficiency Evaporative Replacing 13 SEER A/C 3 ton; (Tier 2) 1st Time Install	High Effic Evaporative Cooler 3 Tons	388	491	Conv Furn SEER 13 - New/ Remod Home 3 ton	3,220	491	15.00	\$525	\$4,715	-\$3,595	\$ 0.121	-15%	-21.30	-24.41	1,390	\$0.38	\$0.03	2.832	2.148	-\$6.77	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Evap Cooling (Grand Junction/Western Slope)	High Efficiency Evaporative Replacing 13 SEER central A/C 3 ton; (Tier 3) Replacement	Integrated HVAC with Hi Effic Evap System	760	491	Conv Furn SEER 13 - New/ Remod Home 3 ton	3,220	491	15.00	\$1,000	\$4,715	-\$4,076	\$ 0.121	25%	27.82	21.00	1,207	\$0.83	\$0.06	2.460	1.865	-\$6.77	\$0.00	70.0%	0	0	94%	100%	100%	0	0	\$0
Existing Home Install High Efficiency ENERGY STAR AC CEE Tier 1	Replace with High Eff A/C	3 Ton 14.5 SEER; 12 EER; w/o Quality Installation	2,648	613	3T SEER 13 w/o Quality Installation	2,954	613	14.00	\$300	\$4,329	\$720	\$ 0.121	42%	31.65	18.46	187	\$1.60	\$0.11	0.306	0.298	\$0.00	\$0.00	89.9%	0	1	94%	100%	100%	0	191	\$300
Existing Home Install High Efficiency ENERGY STAR AC CEE Tier 2	Replace with High Eff A/C	3 Ton 15 SEER; 12.5 EER; w/o Quality Installation	2,560	613	3T SEER 13 w/o Quality Installation	2,954	613	14.00	\$400	\$4,329	\$894	\$ 0.121	45%	30.49	16.85	241	\$1.66	\$0.12	0.394	0.384	\$0.00	\$0.00	89.9%	0	1	94%	100%	100%	0	246	\$400
Existing Home Install High Efficiency ENERGY STAR AC CEE Tier 3	Replace with High Eff A/C	3 Ton 16 SEER; 13 EER; w/o Quality Installation	2,400	613	3T SEER 13 w/o Quality Installation	2,954	613	14.00	\$550	\$4,329	\$1,239	\$ 0.121	44%	30.05	16.71	340	\$1.62	\$0.12	0.554	0.539	\$0.00	\$0.00	89.9%	0	1	94%	100%	100%	1	346	\$550
Existing Home Provide Quality Installation of new AC in exist home - AC 3 T 13 SEER	Replace with High Eff A/C w/QI	3 T Units with Quality Installation	2,769	515	3T Units w/o Quality Installation	2,954	613	7.00	\$0	\$0	\$250	\$ 0.121	0%	5.35	5.35	385	\$0.00	\$0.00	0.185	0.200	\$0.00	\$0.00	100.0%	0	1	94%	100%	100%	0	392	\$0
Existing Home Provide Quality Install of new AC in exist home - AC 3 T 14.5 SEER	Replace with High Eff A/C w/QI	3 T Units with Quality Installation	2,483	515	3T Units w/o Quality Installation	2,648	613	7.00	\$0	\$0	\$250	\$ 0.121	0%	5.97	5.97	345	\$0.00	\$0.00	0.166	0.179	\$0.00	\$0.00	100.0%	0	1	94%	100%	100%	0	351	\$0
Existing Home Provide Quality Installation of new AC in exist home - AC 3 T 15 SEER	Replace with High Eff A/C w/QI	3 T Units with Quality Installation	2,406	515	3T Units w/o Quality Installation	2,560	613	7.00	\$0	\$0	\$250	\$ 0.121	0%	6.23	6.23	330	\$0.00	\$0.00	0.154	0.167	\$0.00	\$0.00	100.0%	0	1	94%	100%	100%	0	336	\$0
Existing Home Provide Quality Installation of new AC in exist home - AC 3 T 16 SEER	Replace with High Eff A/C w/QI	3 T Units with Quality Installation	2,256	515	3T Units w/o Quality Installation	2,400	613	7.00	\$0	\$0	\$250	\$ 0.121	0%	6.65	6.65	310	\$0.00	\$0.00	0.144	0.156	\$0.00	\$0.00	100.0%	0	1	94%	100%	100%	0	315	\$0
Install High Efficiency AC With Quality Installation Trade In	Early Retirement Install High Efficiency A/C	3 Ton 14 SEER; 11.76 EER; w Quality Installation	2,571	515	3 T SEER 10 EER 9.2 w/o Quality Installation	3,840	613	7.00	\$600	\$3,949	\$999	\$ 0.121	60%	7.99	3.19	1,030	\$0.58	\$0.08	1.269	1.236	\$0.00	\$0.00	89.9%	0	1	94%	100%	100%	1	1,049	\$600
Install High Efficiency ENERGY STAR AC CEE Tier 1 with Quality Installation Trade In	Early Retirement Install High Efficiency A/C	3 Ton 14.5 SEER; 12 EER; w Quality Installation	2,483	515	3 T SEER 10 EER 9.2 w/o Quality Installation	3,840	613	7.00	\$850	\$3,949	\$1,100	\$ 0.121	77%	8.43	1.92	1,075	\$0.79	\$0.11	1.357	1.322	\$0.00	\$0.00	89.9%	0	1	94%	100%	100%	1	1,095	\$850
Install High Efficiency ENERGY STAR AC CEE Tier 2 with Quality Installation Trade In	Early Retirement Install High Efficiency A/C	3 Ton 15 SEER; 12.5 EER; w Quality Installation	2,406	515	3 T SEER 10 EER 9.2 w/o Quality Installation	3,840	613	7.00	\$950	\$3,949	\$1,274	\$ 0.121	75%	9.41	2.40	1,115	\$0.85	\$0.12	1.434	1.397	\$0.00	\$0.00	89.9%	0	1	94%	100%	100%	1	1,136	\$950
Install High Efficiency ENERGY STAR AC CEE Tier 3 with Quality Installtion	Early Retirement Install High Efficiency A/C	3 Ton 16 SEER; 13 EER; w Quality Installation	2,256	515	3 T SEER 10 EER 9.2 w/o Quality Installation	3,840	613	7.00	\$1,100	\$3,949	\$1,619	\$ 0.121	68%	11.18	3.59	1,192	\$0.92	\$0.13	1.584	1.717	\$0.00	\$0.00	100.0%	0	1	94%	100%	100%	2	1,214	\$1,100
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	\$ 0.121	38%	21.31	13.15	344	\$0.99	\$0.05	0.483	0.523	\$0.00	\$0.00	100.0%	0	3	94%	100%	100%	1	1,052	\$1,024
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 htg	11,789	1,423	20.00	\$683	\$1,866	\$3,799	\$ 0.121	18%	2.61	2.14	12,007	\$0.06	\$0.00	8.437	0.000	\$0.00	\$0.00	0.0%	0	3	94%	100%	100%	0	36,686	\$2,048