		Electric Product Outsided Technical Assumptions																Program Fo	orecast Inputs		Stipulated Forecast Inputs				Program Forecast Outputs										
	Measure Description	High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions				Stipulated Output				Economic Assumptions Technical Assumption			20	2019		20					2019			2020					
Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product E Consumption (watts) O			Baseline Product Consumption (watts)	Hours of L	Measure Lifetime (years)	bate Amount Ba	erage seline uct Cost (\$)	I Cost of Assumed En oduct (\$) Cost (\$/kV	nergy Nh) Rebate as of Increme Cost (5	a % Incremt'l Cos ental Payback Perio w/o Rebate (yr	it Incremt'l Cost od Payback Period rs) w Rebate (yrs)	Annual stomer kWh Savings (kWh/yr) Rebate Cust Saved	ed Cost / t kWh Lifetim /Cust (\$/kWh) Saved (ne cost t KWh Savings (kW (\$/kWh)	Generator Peak kW Savings (kW)	Non-Energy D&M Savings (\$)	SM Coincidence (\$) Factor (%)	2019 Participants (-)	2019 Units (-)	2020 Participants (-)	2020 Units (-)	NTG Installe (%) Rat (%)		(kW)	2019 NET Gen kWh (kWh)	(\$)	2019 Incremental Costs (\$)	kW (kW)	(kWh)	2020 Rebate Budget (\$)	(\$)	Measure Load Shape
gerator Replacement	Refrigerator Replacements	Energy Star standard refrigerator	66	5,592	Existing unit vintage from 7-18	103	5,592	18.00	\$630	\$0 \$63	0.12075	100%	25.6	13 0	204 \$3	.095 \$0.	172 0.04	0.03	\$0.00 \$0.00	64%	55	1,200	53	1,200	100% 100	100%	31	1,778,524 260,948	\$995,920 \$756,000	\$859,715 \$756,000	226 31	1,780,410 260,948	\$994,265 \$756,000	\$855,974 \$756,000	CO-RES-SFRF1
Wall Insulation	Wall Insulation Heating Effects from R-0 to R11 in Electric Heated Home	R-11 insulation in wall cavity with average area 807 sq. ft.	2,251	1,159	Assume No Insulation in Wall Cavity	6,682	1,159		\$850	\$0 \$80	0.12075	106%	1.3	30 (0.08)	5,135 \$0.	166 \$0.0	.008 4.43	0.00	\$0.00 \$0.00	0%	0	2	0	2	100% 100	100%	0	10,970	\$1,700	\$1,606	0	10,970	\$1,700	\$1,606	CO-Res_Heating_Elec
PW - Ceiling	Attic insulation in Electrically Heated Home	Add R-41 to make R 54 total in attic	568	1,159	Estimated existing level = R 11	2,368	1,159		\$850	\$0 \$1,23	0.12075	69%	4.8	39 1.52	2,087 \$0	.407 \$0.0	.020 1.80	0.00	\$0.00 \$0.00	0%	1	21	1	28	100% 100	100%	0	46,813	\$17,850	\$25,872	0	62,418	\$23,800	\$34,496	CO-Res_Heating_Elec
FW Air Sealing & Weather-stripping	Air Sealing & Weather-stripping T2 in Electric Heated Home	Average Home with Proposed CFM50 = 1474	3,813	1,159	Average Home with Baseline CFM50 = 2022	5,243	1,159	10.00	\$300	\$0 \$68	6 0.12075	44%	3.4	43 1.93	1,658 \$0.	.181 \$0.0	.018 1.43	0.00	\$0.00 \$0.00	0%	2	46	2	46	100% 100	100%	0	81,465	\$13,800	\$31,556	0	81,465	\$13,800	\$31,556	CO-Res_Heating_Elec
FW Crawlspace Wall Insulation	Crawl Space wall insulation R-0 to R-19	R-19 insulation in crawl space wall cavity with average area 218 sq. ft.	662	1,159	No Insulation in crawl space wall	3,055	1,159	20.00	\$500	\$0 \$40	0.12075	125%	1.1	19 (0.30)	2,773 \$0.	180 \$0.0	.009 2.39	0.00	\$0.00 \$0.00	0%	0	9	0	9	100% 100	100%	0	26,660	\$4,500	\$3,600	0	26,660	\$4,500	\$3,600	CO-Res_Cooling_DX
rm Windows	Storm Windows added to single pane windows in electrically heated home	Addition of Storm windows	10,771	1,023	Single Pane Windows	15,260	1,023	20.00	\$900	\$0 \$90	0.12075	100%	1.6	52 -	4,590 \$0.	196 \$0.0	.010 4.49	0.00	\$0.00 \$0.00	0%	0	6	0	6	100% 100	100%	0	29,419	\$5,400	\$5,400	0	29,419	\$5,400	\$5,400	CO-RES-FLAT
erhead	Provide new 1.5 gpm showerhead to replace existing 2.5 gpm showerhead in electric DHW heater	1.5 GPM Showerhead	81	8,760	2.5 GPM Showerhead	136	8,760	10.00	\$10	\$0 \$3	0.12075	299%	0.0	04 (0.08)	475 \$0.	.021 \$0.0	.002 0.05	0.04	\$25.52 \$0.00	64%	1	26	1	26	100% 100	100%	1	13,191	\$260	\$87	1	13,191	\$260	\$87	CO-RES-SFWHT
ors - Kitchen	Provide Energy Efficient Kilichen Aerator - 1.5 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	1.5 GPM Kitchen Faucet Aerator	14	8,760	2.2 GPM Kitchen Faucet Aerator	21	8,760	10.00	\$5	\$0 \$2	0.12075	296%	0.1	17 (0.33)	59 \$0.	.085 \$0.0	.008 0.01	0.01	\$2.89 \$0.00	124%	1	25	1	25	100% 100	100%	0	1,571	\$125	\$42	0	1,571	\$125	\$42	CO-RES-SFWHT
ators - Bathroom Primary	Provide Energy Efficient Bath Faucet Aerator - 1.0 GPM to replace existing 2.2 gpm aerator in home with electric DHW heater	1.0 GPM Bathroom Faucet Aerator	6	8,760	2.2 GPM Bathroom Faucet Aerator	13	8,760	10.00	54	\$0 \$1	0.12075	741%	0.0	05 (0.33)	61 \$0.	.066 \$0.0	.007 0.01	0.01	\$3.27 \$0.00	124%	1	20	1	20	100% 100	100%	0	1,300	\$80	\$11	0	1,300	\$80	\$11	CO-RES-SFWHT
Motor Furnace Fan	EC Fan Motor on new Residential Furnace no AC	ECM Furnace Fan	364	3,356	Non-ECM Fan	569	3,356	18.00	\$200	\$0 \$23	5 0.12075		3.3	30 0.49	688 \$0.	.291 \$0.0	.016 0.21	0.07	-\$11.76 \$0.00	30%	3	60	0	0	116% 100	100%	5	51,148	\$12,000	\$14,100	0	0	\$0	\$0	CO-RES-SFRF1
ryle LEDs	LED A-Style Lamps - 2019	High efficiency LED A19 lamp	9.8	986	Average EISA Standard halogen A-Style Bulb	45	986	5.00	\$5	\$0 \$2	0.12075		0.4	41 (0.77)	35 \$0.	143 \$0.0	.029 0.04	0.00	\$0.00 \$0.00	13%	1,413	31,000	0	0	100% 100	100%	153	1,161,459	\$155,000	\$53,841	0	0	\$0	\$0	CO-RES-SFLIT
Style LEDs	LED BR-Style Lamps - 2019	LED Bulb Purchase - Specialty	10.9	986	Incandescent Equivalent (Exempt/Post-EISA)	77	986	13.93	\$8	\$0 \$2	0.12075	422%	0.2	24 (0.78)	65 \$0.	123 \$0.0	.009 0.07	0.01	\$0.00 \$0.00	13%	11	250	0	0	100% 100	100%	2	17,377	\$2,000	\$473	0	0	\$0	\$0	CO-RES-SFLIT
ityle LEDs	LED A-Style Lamps - 2020	LED Bulb Purchase - A-Line	9.8	986	Incandescent Equivalent (Post-EISA)	45	986	5.00	\$5	\$0 \$2	0.12075	288%	0.4	41 (0.77)	35 \$0.	143 \$0.0	.029 0.04	0.00	\$0.00 \$0.00	13%	0	1	1,418	32,000	100% 100	100%	0	37	\$5	\$2	158	1,198,926	\$160,000	\$55,578	CO-RES-SFLIT
Style LEDs	LED BR-Style Lamps - 2020	LED Bulb Purchase - Specialty	10.9	986	Incandescent Equivalent (Exempt/Post-EISA)	77	986	13.93	\$8	\$0 \$2	0.12075		0.2	24 (0.78)	65 \$0.	123 \$0.0	.009 0.07	0.01	\$0.00 \$0.00	13%	1	25	12	275	100% 100	100%	0	1,738	\$200	\$47	3	19,115	\$2,200	\$521	CO-RES-SFLIT
er Heater Blanket	Water Heater Blanket - Electric Water Heater	Add commercial Insulation wrap R8 around Water Heater Tank	40	8,760	No External Insulation on water heater	69	8,760		\$75	\$0 \$12	0.12075	626%	0.3	39 (2.05)	254 \$0.	295 \$0.0	.045 0.03	0.03	\$0.00 \$0.00	100%	9	200	9	200	100% 100	100%	6	54,289	\$15,000	\$2,396	6	54,289	\$15,000	\$2,396	CO-RES-SFWHT
p Cooling (Denver/Front Range)	Standard evaporative cooler - replacement	3 Ton Evaporative Cooler	380	549	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	549	15.00	\$950 S	3,811 -\$2,9	43 0.12075	-32%	(16.9	(22.40)	1,603 \$0.	.593 \$0.0	.040 2.92	2.25	-\$19.80 \$0.00	70%	0	10	0	10	100% 100	100%	22	17,123	\$9,500	-\$29,433	22	17,123	\$9,500	-\$29,433	CO-Res_Cooling_DX
Cooling (Grand Junction/Western Slope)	Standard evaporative cooler - replacement	3 Ton Evaporative Cooler	380	578	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	578	15.00	\$950 \$	3,811 -\$2,9	43 0.12075	-32%	(16.0	(21.16)	1,688 \$0.	.563 \$0.0	.038 2.92	2.25	-\$19.80 \$0.00	70%	0	1	0	1	100% 100	100%	2	1,803	\$950	-\$2,943	2	1,803	\$950	-\$2,943	CO-Res_Cooling_DX
Cooling (Alamosa/Mountain Areas)	Standard evaporative cooler - replacement	3 Ton Evaporative Cooler	380	389	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	389	15.00	\$950 \$	3,811 -\$2,9	43 0.12075	-32%	(25.1	(33.20)	1,135 \$0.	.837 \$0.0	.056 2.92	2.25	-\$19.80 \$0.00	70%	0	1	0	1	100% 100	100%	2	1,213	\$950	-\$2,943	2	1,213	\$950	-\$2,943	CO-Res_Cooling_DX
gy Star Smart Thermostat	Install Energy Star certified smart thermostat - ELECTRIC ONLY	Average Single Family House with EnergyStar Smart Thermostat	2,621	573	Average Single Family House with Standard Thermostat	2,912	573	10.00	\$100	\$0 \$10	0.12075	100%	4.9	16 -	167 \$0.	.599 \$0.0	.060 0.29	0.24	\$0.00 \$0.00	76%	0	0	0	0	100% 100	100%	0	0	\$0	\$0	0	0	\$0	\$0	CO-Res_Cooling_DX