

Electric Product Detailed Technical Assumptions																																			
Measure Description		High Efficiency Product Assumptions				Baseline Product Assumptions			Economic Assumptions				Stipulated Output							Economic Assumptions			Technical Assumption	Program Forecast		Stipulated Forecast Inputs			Program Forecast Outputs				Measure Load Shape		
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 (%)	Incremental Cost Payback Period w/ Rebate (yrs)	Incremental 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 (%)	2020 Participant \$ (-)	2020 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget (\$)	2020 Incremental Costs (\$)			
TOTAL																																			
Evap Cooling (Denver/Front Range)	Standard evaporative cooler - replacement	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$0	\$0	\$0	0.12075	-7%	(16.04)	(16.04)	4,800	\$0.408	\$0.408	2.00	2.00	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Denver/Front Range)	Standard evaporative cooler - non-replacement	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$400	\$0.415	\$0.415	0.12075	-14%	(16.04)	(16.04)	4,800	\$0.260	\$0.417	2.00	2.00	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Denver/Front Range)	Standard evaporative cooler	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$300	\$0.311	\$0.311	0.12075	-10%	(16.04)	(16.04)	4,800	\$0.167	\$0.312	2.00	2.00	\$0	\$0	70%	2,205	2,205	70%	100%	100%	3,472	2,642,963	\$661,900	-\$6,489,879	CO-RES-EVAPBASE		
Evap Cooling (Denver/Front Range)	Premium evaporative cooler - replacement	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$0	\$0.260	\$0.260	0.12075	-68%	(8.67)	(8.67)	4,800	\$0.204	\$0.205	2.00	2.00	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Denver/Front Range)	Premium evaporative cooler - non-replacement	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$800	\$0.265	\$0.265	0.12075	-72%	(8.67)	(8.67)	4,800	\$0.409	\$0.265	2.00	2.00	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Denver/Front Range)	Premium evaporative cooler	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$675	\$0.311	\$0.311	0.12075	-65%	(5.57)	(5.22)	4,800	\$0.421	\$0.325	2.00	2.25	1.92	1.48	\$0	\$0	70%	148	148	70%	100%	100%	233	177,398	\$99,900	-\$152,777	CO-RES-EVAPBASE
Evap Cooling (Denver/Front Range)	Multi-ducted premium evaporative cooler - replacement	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$600	\$0.415	\$0.415	0.12075	286%	-1.30	(2.42)	4,400	\$0.428	\$0.428	2.56	1.92	1.92	0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE	
Evap Cooling (Denver/Front Range)	Multi-ducted premium evaporative cooler - non-replacement	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$1,200	\$0.415	\$0.415	0.12075	674%	-1.30	(6.16)	4,400	\$0.865	\$0.867	2.56	1.92	1.92	0	\$0	80%	0	0	80%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE	
Evap Cooling (Denver/Front Range)	Multi-ducted premium evaporative cooler	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$1,200	\$0.311	\$0.311	0.12075	571%	1.30	(6.15)	4,400	\$0.855	\$0.857	2.56	1.97	1.97	0	\$0	80%	305	305	80%	100%	100%	511	388,886	\$366,000	\$64,067	CO-RES-EVAPBASE	
Evap Cooling (Grand Junction/Western Slope)	Standard evaporative cooler - replacement	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$0	\$0	\$0	0.12075	-7%	(16.00)	(17.08)	4,800	\$0.440	\$0.408	2.00	2.25	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Grand Junction/Western Slope)	Standard evaporative cooler - non-replacement	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$400	\$0.350	\$0.350	0.12075	-14%	(16.00)	(16.17)	4,800	\$0.322	\$0.316	2.00	2.25	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Grand Junction/Western Slope)	Standard evaporative cooler	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$300	\$0.311	\$0.311	0.12075	-10%	(16.00)	(17.63)	4,800	\$0.178	\$0.312	2.00	2.25	\$0	\$0	70%	1,118	1,118	70%	100%	100%	1,760	1,410,847	\$335,400	-\$3,290,560	CO-RES-EVAPBASE		
Evap Cooling (Grand Junction/Western Slope)	Premium evaporative cooler - replacement	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$0	\$0.260	\$0.260	0.12075	-68%	(6.28)	(6.36)	4,800	\$0.266	\$0.264	2.00	2.25	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Grand Junction/Western Slope)	Premium evaporative cooler - non-replacement	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$800	\$0.415	\$0.415	0.12075	-72%	(6.28)	(6.37)	4,800	\$0.474	\$0.332	2.00	2.25	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Grand Junction/Western Slope)	Premium evaporative cooler	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$675	\$0.311	\$0.311	0.12075	-65%	(5.28)	(5.73)	4,800	\$0.400	\$0.327	2.00	2.25	1.92	1.39	\$0	\$0	70%	139	139	70%	100%	100%	219	175,409	\$93,825	-\$143,487	CO-RES-EVAPBASE
Evap Cooling (Grand Junction/Western Slope)	Multi-ducted premium evaporative cooler - replacement	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$600	\$0.350	\$0.350	0.12075	286%	-1.04	(2.05)	4,472	\$0.406	\$0.402	2.56	1.97	1.97	0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE	
Evap Cooling (Grand Junction/Western Slope)	Multi-ducted premium evaporative cooler - non-replacement	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$1,200	\$0.350	\$0.350	0.12075	674%	-1.04	(6.40)	4,472	\$0.818	\$0.864	2.56	1.97	1.97	0	\$0	80%	0	0	80%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE	
Evap Cooling (Grand Junction/Western Slope)	Multi-ducted premium evaporative cooler	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$1,200	\$0.311	\$0.311	0.12075	571%	1.24	(5.82)	4,472	\$0.813	\$0.854	2.56	1.97	1.97	0	\$0	80%	236	236	80%	100%	100%	364	315,461	\$282,000	\$49,363	CO-RES-EVAPBASE	
Evap Cooling (Alamosa/Mountain Areas)	Standard evaporative cooler - replacement	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$0	\$0	\$0	0.12075	-7%	(26.16)	(26.80)	4,400	\$0.476	\$0.442	2.00	2.00	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Alamosa/Mountain Areas)	Standard evaporative cooler - non-replacement	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$400	\$0.415	\$0.415	0.12075	-14%	(26.16)	(26.81)	4,400	\$0.382	\$0.423	2.00	2.25	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Alamosa/Mountain Areas)	Standard evaporative cooler	6 Tons Evaporative Cooler	900	900	6 Tons Evaporative Cooler	900	900	10	\$300	\$0.311	\$0.311	0.12075	-10%	(25.10)	(27.05)	4,400	\$0.264	\$0.318	2.00	2.25	\$0	\$0	70%	5	5	70%	100%	100%	8	4,244	\$1,500	-\$14,716	CO-RES-EVAPBASE		
Evap Cooling (Alamosa/Mountain Areas)	Premium evaporative cooler - replacement	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$0	\$0.260	\$0.260	0.12075	-68%	(8.02)	(12.88)	4,400	\$0.409	\$0.406	2.00	2.00	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Alamosa/Mountain Areas)	Premium evaporative cooler - non-replacement	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$800	\$0.265	\$0.265	0.12075	-72%	(8.02)	(14.23)	4,400	\$0.705	\$0.442	2.00	2.25	\$0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE		
Evap Cooling (Alamosa/Mountain Areas)	Premium evaporative cooler	High Efficiency Evaporative Cooler 6 Tons	900	900	High Efficiency Evaporative Cooler 6 Tons	900	900	10	\$675	\$0.311	\$0.311	0.12075	-65%	(8.02)	(13.26)	4,400	\$0.595	\$0.440	2.00	2.25	1.92	1.3	\$0	\$0	70%	3	3	70%	100%	100%	5	2,546	\$2,025	-\$3,097	CO-RES-EVAPBASE
Evap Cooling (Alamosa/Mountain Areas)	Multi-ducted premium evaporative cooler - replacement	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$600	\$0.415	\$0.415	0.12075	286%	-1.85	(2.40)	693	\$0.404	\$0.440	2.55	1.97	1.97	0	\$0	70%	0	0	70%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE	
Evap Cooling (Alamosa/Mountain Areas)	Multi-ducted premium evaporative cooler - non-replacement	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$1,200	\$0.415	\$0.415	0.12075	674%	-1.85	(8.87)	693	\$1.208	\$0.881	2.55	1.97	1.97	0	\$0	80%	0	0	80%	100%	100%	0	0	\$0	\$0	CO-RES-EVAPBASE	
Evap Cooling (Alamosa/Mountain Areas)	Multi-ducted premium evaporative cooler	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	High Efficiency Multi-Duct Premium Evaporative Cooler	900	900	10	\$1,200	\$0.311	\$0.311	0.12075	571%	1.85	(8.87)	693	\$1.208	\$0.881	2.55	1.97	1.97	0	\$0	80%	2	2	80%	100%	100%	3	1,805	\$2,400	\$420	CO-RES-EVAPBASE	