

Electric Planning Assumptions																																		
Measure Description				High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions					Stipulated Output							Economic Assumptions				Technical Assumption	2018					Program Forecast Outputs		
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/o 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 (%)	2018 Participants (-)	2018 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2018 NET Gen kW (kW)	2018 NET Gen kWh (kWh)	2018 Rebate Budget (\$)				
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	\$200	\$3,811	-\$2,943	\$ 0.121	-7%	-16.9	-18.1	1,603	\$0.125	\$0.008	2.92	2.25	-\$19.80	\$0.00	70%	968	968	70%	100%	100%	1,524	1,160,267	\$193,600				
Standard evaporative cooler - non-replacement	3 Ton Evaporative Cooler	380	549	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	549	15.00	\$400	\$3,811	-\$2,943	\$ 0.121	-14%	-16.94	-19.24	1,603	\$0.25	\$0.02	2,920	2,249	-\$19.80	\$0.00	70%	466	466	70%	100%	100%	734	558,558	\$186,400				
Premium evaporative cooler - replacement	High Effic. Evaporative Cooler 3 Tons	380	549	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	549	15.00	\$600	\$3,811	-\$1,032	\$ 0.121	-58%	-5.57	-8.81	1,603	\$0.37	\$0.02	2,920	2,249	-\$8.32	\$0.00	70%	304	304	70%	100%	100%	479	364,381	\$182,400				
Premium evaporative cooler - non-replacement	High Effic. Evaporative Cooler 3 Tons	380	549	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	549	15.00	\$800	\$3,811	-\$1,032	\$ 0.121	-77%	-5.57	-9.89	1,603	\$0.50	\$0.03	2,920	2,249	-\$8.32	\$0.00	70%	194	194	70%	100%	100%	305	232,533	\$155,200				
Multi-ducted premium evaporative cooler - replacement	Integrated HVAC with Hi Effic. Evap System	745	549	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	549	15.00	\$600	\$3,811	\$210	\$ 0.121	286%	1.30	-2.42	1,403	\$0.43	\$0.03	2,555	1,968	-\$8.32	\$0.00	70%	276	276	70%	100%	100%	380	289,467	\$165,600				
Multi-ducted premium evaporative cooler - non-replacement	Integrated HVAC with Hi Effic. Evap System	745	549	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	549	15.00	\$1,200	\$3,811	\$210	\$ 0.121	571%	1.30	-6.15	1,403	\$0.86	\$0.06	2,555	1,968	-\$8.32	\$0.00	70%	553	553	90%	100%	100%	980	745,693	\$663,600				
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	\$200	\$3,811	-\$2,943	\$ 0.121	-7%	-16.00	-17.08	1,688	\$0.12	\$0.01	2,920	2,249	-\$19.80	\$0.00	70%	376	376	70%	100%	100%	592	474,489	\$75,200				
Standard evaporative cooler - non-replacement	3 Ton Evaporative Cooler	380	578	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	578	15.00	\$400	\$3,811	-\$2,943	\$ 0.121	-14%	-16.00	-18.17	1,688	\$0.24	\$0.02	2,920	2,249	-\$19.80	\$0.00	70%	183	183	70%	100%	100%	288	230,935	\$73,200				
Premium evaporative cooler - replacement	High Effic. Evaporative Cooler 3 Tons	380	578	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	578	15.00	\$600	\$3,811	-\$1,032	\$ 0.121	-58%	-5.28	-8.35	1,688	\$0.36	\$0.02	2,920	2,249	-\$8.32	\$0.00	70%	118	118	70%	100%	100%	186	148,909	\$70,800				
Premium evaporative cooler - non-replacement	High Effic. Evaporative Cooler 3 Tons	380	578	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	578	15.00	\$800	\$3,811	-\$1,032	\$ 0.121	-77%	-5.28	-9.37	1,688	\$0.47	\$0.03	2,920	2,249	-\$8.32	\$0.00	70%	75	75	70%	100%	100%	118	94,645	\$60,000				
Multi-ducted premium evaporative cooler - replacement	Integrated HVAC with Hi Effic. Evap System	745	578	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	578	15.00	\$600	\$3,811	\$210	\$ 0.121	286%	1.24	-2.29	1,477	\$0.41	\$0.03	2,555	1,968	-\$8.32	\$0.00	70%	108	108	70%	100%	100%	149	119,253	\$64,800				
Multi-ducted premium evaporative cooler - non-replacement	Integrated HVAC with Hi Effic. Evap System	745	578	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	578	15.00	\$1,200	\$3,811	\$210	\$ 0.121	571%	1.24	-5.82	1,477	\$0.81	\$0.05	2,555	1,968	-\$8.32	\$0.00	70%	215	215	90%	100%	100%	381	305,231	\$258,000				
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	\$200	\$3,811	-\$2,943	\$ 0.121	-7%	-25.10	-26.80	1,135	\$0.18	\$0.01	2,920	2,249	-\$19.80	\$0.00	70%	0	0	70%	100%	100%	0	0	\$0				
Standard evaporative cooler - non-replacement	3 Ton Evaporative Cooler	380	389	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	389	15.00	\$400	\$3,811	-\$2,943	\$ 0.121	-14%	-25.10	-28.51	1,135	\$0.35	\$0.02	2,920	2,249	-\$19.80	\$0.00	70%	2	2	70%	100%	100%	3	1,698	\$800				
Premium evaporative cooler - replacement	High Effic. Evaporative Cooler 3 Tons	380	389	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	389	15.00	\$600	\$3,811	-\$1,032	\$ 0.121	-58%	-8.02	-12.68	1,135	\$0.53	\$0.04	2,920	2,249	-\$8.32	\$0.00	70%	0	0	70%	100%	100%	0	0	\$0				
Premium evaporative cooler - non-replacement	High Effic. Evaporative Cooler 3 Tons	380	389	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	389	15.00	\$800	\$3,811	-\$1,032	\$ 0.121	-77%	-8.02	-14.23	1,135	\$0.70	\$0.05	2,920	2,249	-\$8.32	\$0.00	70%	1	1	70%	100%	100%	2	849	\$800				
Multi-ducted premium evaporative cooler - replacement	Integrated HVAC with Hi Effic. Evap System	745	389	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	389	15.00	\$600	\$3,811	\$210	\$ 0.121	286%	1.88	-3.49	993	\$0.60	\$0.04	2,555	1,968	-\$8.32	\$0.00	70%	1	1	70%	100%	100%	1	743	\$600				
Multi-ducted premium evaporative cooler - non-replacement	Integrated HVAC with Hi Effic. Evap System	745	389	3T SEER 13 EER 11.18 w/o Quality Installation	3,300	389	15.00	\$1,200	\$3,811	\$210	\$ 0.121	571%	1.88	-8.87	993	\$1.21	\$0.08	2,555	1,968	-\$8.32	\$0.00	70%	0	0	90%	100%	100%	0	0	\$0				