

Measure Description	High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions					Stipulated Output							Economic Assumptions		Technical Assumption	Program Forecast Inputs				Stipulated Forecast Inputs			Program Forecast Outputs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	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 (%)	Increment1 Cost Payback Period w/ Rebate (yrs)	Increment1 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 kWh Savings (kWh)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)		Energy O&M Savings (\$)	Coincidence Factor (%)	2017 Participants (1)	2017 Units (1)	2018 Participants (1)	2018 Units (1)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2017 NET Gen kW (kW)	2017 NET Gen kWh (kWh)	2017 Rebate Budget (\$)	2017 Incremental Costs (\$)	2018 NET Gen kW (kW)	2018 NET Gen kWh (kWh)	2018 Rebate Budget (\$)	2018 Incremental Costs (\$)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Measure Description		Cooling Savings (CO)																				Program Forecast Inputs										Program Forecast Outputs							
		High Efficiency Product Assumptions				Baseline Product Assumptions			Economic Assumptions				Stipulated Output						Economic Assumptions		Technical Assumption	2017		2018		Stipulated Forecast Inputs			2017				2018						
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 / Cost kWh Saved (\$/kWh)	Related Lifetime Cost / Cost kWh Saved (\$/kWh)	Customer kWh Savings (kWh)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings (\$)	Energy O&M Savings (\$)	Coincidence Factor (%)	2017 Participants (c)	2017 Units (c)	2018 Participants (c)	2018 Units (c)	NTG (%)	Installation Rate (%)	Realization Rate (%)	2017 NET Gen kW (kW)	2017 NET Gen kWh (kWh)	2017 Rebate Budget (\$)	2017 Incremental Costs (\$)	2018 NET Gen kW (kW)	2018 NET Gen kWh (kWh)	2018 Rebate Budget (\$)	2018 Incremental Costs (\$)		
Centrifugal Chillers 300-399 tons	Centrifugal Unit Size 360 tons, 0.35 PFLV, 0.45kW/ton	178,936	1,500	Centrifugal Unit Size 360 tons, 0.32 PFLV, 0.56 kW/ton	220,080	1,500	20.00	\$22,314	\$762,343	\$69,951	0.07027	32%	16.44	11.16488052	60,218	\$0.371	\$0.019	40.14	38.64	\$0.00	\$0.00	90.0%	0	1	0	1	71%	100%	100%	27	45,727	\$22,314	\$69,961	27	45,727	\$22,314	\$69,961		
Centrifugal Chillers 400-599 tons	Centrifugal Unit Size 493.8 tons, 0.35 PFLV, 0.56 kW/ton	226,065	1,323	Centrifugal Unit Size 493.8 tons, 0.5 PFLV, 0.56 kW/ton	276,590	1,323	20.00	\$26,554	\$159,472	\$87,394	0.07027	30%	18.64	12.97952936	66,703	\$0.398	\$0.020	50.44	48.55	\$0.00	\$0.00	90.0%	0	1	0	1	71%	100%	100%	34	50,651	\$26,554	\$87,394	34	50,651	\$26,554	\$87,394		
Centrifugal Chillers more than 600 tons	Centrifugal Unit Size 1335.5 tons, 0.34 PFLV, 0.45kW/ton	537,583	1,304	Centrifugal Unit Size 1336.5 tons, 0.5 PFLV, 0.56 kW/ton	647,615	1,304	20.00	\$66,979	\$773,686	\$204,692	0.07027	33%	17.12	11.51672646	170,161	\$0.394	\$0.020	130.53	125.65	\$0.00	\$0.00	90.0%	0	1	0	1	71%	100%	100%	89	129,213	\$66,979	\$204,692	89	129,213	\$66,979	\$204,692		
Replace constant speed motor control with VSD motor control on existing chiller.	Chiller Size 960.13 tons, 0.61 FL kW/ton, 0.425 PFLV	428,910	907	Chiller Size 960.13 tons, 0.58 FL kW/ton, 0.568 PFLV	587,191	907	20.00	\$21,041	\$0	\$70,455	0.07027	30%	7.88	5.528779215	127,183	\$0.165	\$0.008	140.27	-19.06	\$0.00	\$0.00	12.7%	0	1	0	1	71%	100%	100%	-14	96,578	\$21,041	\$70,455	-14	96,578	\$21,041	\$70,455		
Direct Evaporative Pre-cooling Technology for Air Cooled Condensers on DX units	Reduce air-cooled condensers on DX units energy and usage for 1 ton of cooling capacity	1,937	787	air-cooled condensers on DX units and evaporator pre-cooler for 1 ton of cooling capacity	2,271	787	20.00	\$190	\$0	\$304	0.07027	49%	11.83	6.041478643	263	\$0.381	\$0.019	0.33	0.32	\$1.18	\$0.00	90.0%	50	5,000	0	6,000	71%	100%	100%	1,141	997,555	\$500,000	\$1,022,047	1,369	1,197,066	\$600,000	\$1,226,456		
Mini-Split Heat Pump	MSHP size 1.2 tons, 21.27 SEER, 10.50 HSPF	1,088	1,288	MSHP size 1.2 tons, 14 SEER, 8.2 HSPF	1,847	1,288	18.00	\$227	\$3,440	\$512	0.07027	44%	10.15	5.648995832	718	\$0.317	\$0.018	0.56	0.54	\$0.00	\$0.00	90.0%	117	399	120	399	100%	100%	100%	214	306,190	\$90,620	\$204,268	214	306,190	\$90,620	\$204,268		
Mini-Split AC - Data Center	MSHP size 1.2 tons, 21.27 SEER	1,088	5,236	MSHP size 1.2 tons, 14 SEER	1,847	5,236	18.00	\$198	\$3,440	\$512	0.07027	21%	2.49	1.967057402	2,926	\$0.037	\$0.002	0.56	0.60	\$0.00	\$0.00	100.0%	22	75	22	75	100%	100%	100%	45	233,968	\$8,061	\$38,300	45	233,968	\$8,061	\$38,300		
Rx Studies	Varies by project			Varies by project				\$2,000	\$0	\$2,597	0.07027	79%	<RDV01	0	<RDV01	<RDV01	0.00	0.00	\$0.00	\$0.00	0.0%	1	5	2	5	87%	100%	100%	0	\$10,000	\$13,333	0	\$10,000	\$13,333	0				
Custom Cooling	Varies by project	177,155	2,998	Varies by project	241,915	2,998	19.66	\$25,864	\$133,759	\$62,429	0.07027	41%	4.58	2.663847208	193,872	\$0.133	\$0.007	64.66	11.67	\$0.00	\$0.00	16.9%	10	35	12	40	87%	100%	100%	355	6,215,768	\$905,240	\$2,194,998	406	7,215,758	\$1,034,560	\$2,497,140		
ECM - Medium Temp Display Case	Electronically Commutated Motor (ECM)	34	8,672	Shaded Pole Motor	72	8,672	15.00	\$40	\$0	\$341	0.06796	28%	5.00	3.577652516	414	\$0.097	\$0.006	0.05	0.05	\$0.00	\$0.00	99%	46	156	47	156	100%	100%	100%	8	69,108	\$6,240	\$21,951	8	69,108	\$6,240	\$21,951		
ECM - Low Temp Display Case	Electronically Commutated Motor (ECM)	39	9,672	Shaded Pole Motor	84	9,672	15.00	\$40	\$0	\$341	0.06796	28%	4.24	3.032834945	489	\$0.082	\$0.005	0.06	0.06	\$0.00	\$0.00	99%	31	104	31	104	100%	100%	100%	6	54,349	\$4,160	\$14,634	6	54,349	\$4,160	\$14,634		
ECM - Medium Temp Walk-in, Evap fan <= 15" Diameter	Electronically Commutated Motor (ECM)	44	8,585	Shaded Pole Motor	137	8,585	15.00	\$70	\$0	\$269	0.06796	26%	4.99	3.692171367	793	\$0.088	\$0.006	0.09	0.10	\$0.00	\$0.00	98%	4	15	5	15	100%	100%	100%	1	12,724	\$1,050	\$4,035	1	12,724	\$1,050	\$4,035		
ECM- Low Temp Walk-in, Evap fan <= 15" Diameter	Electronically Commutated Motor (ECM)	62	8,585	Shaded Pole Motor	161	8,585	15.00	\$70	\$0	\$269	0.06796	26%	4.23	3.12991446	936	\$0.075	\$0.005	0.11	0.11	\$0.00	\$0.00	98%	3	10	3	10	100%	100%	100%	1	10,006	\$700	\$2,690	1	10,006	\$700	\$2,690		
Anti-Sweat Heater Controls	Anti-Sweat Heater Controls	0	8,760	Anti-Sweat Heaters running constantly	179	8,760	12.00	\$60	\$0	\$60	0.07027	33%	1.68	1.120321252	1,524	\$0.039	\$0.003	0.17	0.18	\$0.00	\$0.00	98%	29	100	30	100	100%	100%	100%	18	163,019	\$6,000	\$18,000	18	163,019	\$6,000	\$18,000		