Exhibit 2: 2017 Cost-Effectiveness Results
Summary

Electric Programs: Benefit Cost Summary

Program Name	Energy Savings	Utility Costs	Present Value of Non-Energy Benefits	UCT	TRC
Low Income Weatherization	2,147,800	$ 4,188,879	$ 431,895	0.54	0.76
Home Energy Assessments	5,140,592	$ 2,210,483	$ 585,959	1.79	2.34
SF Existing Water Heat	941,217	$ 566,088	$ -	1.36	1.41
SF Existing Weatherization	1,852,256	$ 937,090	$ 38,664	2.40	1.79
SF Existing Space Heat	8,029,711	$ 4,376,056	$ -	2.82	1.33
Home Appliances	6,055,403	$ 4,271,393	$ 3,034,518	0.85	1.58
Residential Showerheads	4,939,372	$ 507,772	$ 7,426,539	6.48	12.62
Energy Efficient Lighting Services	73,696,238	$ 11,955,076	$ -	4.57	3.89
Home Energy Reports	0	$ 4,780	$ -	-	-
Web-Enabled Thermostat	1,283,438	$ 510,670	$ -	4.45	7.00
Single Family New Construction	0	$ 58,318	$ -	-	-
Fuel Conversion	2,060,090	$ 916,221	$ -	4.24	1.66
Multifamily Retrofit	18,013,074	$ 11,593,885	$ 1,518,004	1.54	1.46
Multi-Family New Construction	1,318,108	$ 562,531	$ 210,636	2.07	2.64
Total Residential Energy Management	**125,477,300**	**$ 42,659,242**	**$ 13,246,215**	2.54	2.32
Commercial/Industrial Retrofit	84,678,261	$ 20,529,333	$ -	4.02	2.00
Commercial/Industrial New Construction	24,477,593	$ 4,818,188	$ -	4.71	3.25
SEM	14,394,110	$ 1,455,455	$ 1,356,620	2.23	3.08
High Voltage, Self-Directed 449	1,968,216	$ 1,267,621	$ -	1.43	1.33
High Voltage, Self Directed non-449	12,562,954	$ 5,743,961	$ -	2.62	2.02
Technology Evaluation	0	$ -	$ -	-	-
Lighting to Go--also referred to as Business Lighting	16,373,590	$ 1,719,588	$ -	5.77	5.90
Commercial kitchen and laundry	514,686	$ 155,503	$ 373,303	2.46	4.67
Commercial HVAC	1,800,978	$ 802,684	$ -	2.43	0.82
Business Lighting Express	0	$ -	$ -	-	-
Small Business Direct Install	9,941,519	$ 2,938,969	$ 110,429	2.41	2.33
Small Agriculture Direct Install	577,836	$ 162,988	$ 1,799	2.64	2.48
Lodging Direct Install	4,591,226	$ 833,863	$ 185,332	3.23	3.17
Total Business Energy Management	**171,880,968**	**$ 40,428,152**	**$ 2,027,484**	**3.66**	**2.24**
Residential Pilots	5,322,641	$ 2,169,330	$ -	0.40	1.75
Total Pilots	**5,322,641**	**$ 2,169,330**	**$ -**	**0.40**	**1.75**
Northwest Energy Efficiency Alliance	15,592,800	$ 4,032,680	$ -	1.83	2.02
Transmission & Distribution	42,451	$ -	$ -	-	-
Total Regional Programs	**15,635,251**	**$ 4,032,680**	**$ -**	**1.84**	**2.02**
Total Portfolio Support	0	$ 5,815,924			
Total Research & Compliance	0	$ 4,108,209			
Total All Programs used in CE Calculations	**318,316,160**	**99,213,538**	**15,273,698**	**2.70**	**2.13**
Total Other Electric Programs	0	$ 1,792,015		n/a	n/a
Total Electric Portfolio	**318,316,160**	**101,005,553**	**15,273,698**		

Gas Programs: Benefit Cost Summary

Program Name	Energy Savings	Utility Costs	Present Value of Non-Energy Benefits	UCT	TRC
Low Income Weatherization	13,057	$ 242,271	$ 60,208	0.29	0.59
Home Energy Assessments	0	$ -	$ -	-	-
SF Existing Water Heat	0	$ -	$ -	-	-
SF Existing Weatherization	480,803	$ 2,868,348	$ 1,588,350	2.20	0.88
SF Existing Space Heat	677,556	$ 2,405,127	$ -	3.28	2.07
Home Appliances	26,735	$ -	$ 1,347,792	-	-
Residential Showerheads	223,160	$ 438,022	$ 7,351,424	2.42	11.02
Home Energy Reports	0	$ 1,936	$ -	-	-
Web-Enabled Thermostats	275,753	$ 1,221,273	$ -	2.81	2.20
Single Family New Construction	0	$ 23,034	$ -	-	-
Multifamily Retrofit	30,536	$ 308,476	$ 315,362	0.88	1.49
Multi-Family New Construction	104,219	$ 539,051	$ 153,735	1.22	1.48
Total Residential Energy Management	**1,831,819**	**$ 8,047,538**	**$ 10,816,870**	2.46	1.87
Commercial/Industrial Retrofit	621,452	$ 1,743,705	$ -	1.57	0.75
Commercial/Industrial New Construction	12,546	$ 190,895	$ -	0.44	0.43
SEM	676,636	$ 495,080	$ -	2.80	2.71
Technology Evaluation	0	$ -	$ -	-	-
Commercial Kitchen & Laundry	104,845	$ 282,623	$ 1,950,665	2.11	7.59
Commercial HVAC	41,931	$ 90,833	$ -	1.56	0.59
Small Business Direct Install	1,516	$ 84,318	$ 111,733	0.06	1.49
Small Agriculture Direct Install	0	$ (292)	$ -	-	-
Lodging Direct Install	5,965	$ 63,334	$ 477,726	0.45	8.42
Total Commercial Programs	**1,464,890**	**$ 2,950,497**	**$ 2,540,123**	**1.69**	**1.48**
Total Pilots	316,885	$ 403,799	$ -	0.80	1.00
Total Regional Program (Gas Market Transformatio	0	$ 1,749,284	$ -	-	-
Total Portfolio Support	0	$ 795,313	$ -		
Total Research & Compliance	0	$ 775,207	$ -		
Total Gas Portfolio	**3,613,594**	**$ 14,721,638**	**$ 13,356,993**	**1.71**	**1.55**

2017 Program Planning Electric Cost-Effectiveness Tests:

Return to Summary Page

WACC	7.80%	link	fill in	link	link	link	link	link	link	link	link	formula	formula	link	Link	formula	formula
Program Number	Program Name (Source/calculation:)	Weighted Measure Life by Program	Load Shape	kWh Savings	Program Overhead Costs	Total Incentive Payments	Customer Costs	Incremental Measure Costs	Other Contributions	Total Utility Costs	Total Resource Costs	Present Value of Total Utility Program Costs in Time Zero*	Present Value of Total Resource Costs in Time Zero*	Utility Cost Test: Present Value Electric Savings In Time Zero	Present Value of Non Energy Benefits in time Zero	Utility Cost Test: Benefit Cost Ratio	Total Resource Cost Test: Benefit Cost Ratio
Go to Gas Portfolio page	Follow Below Hyperlinks for Program Details																
E201	Low Income Weatherization	19	Varies by Measure	2,147,800	$ 242,225	$ 3,946,654	$ -	$ 3,615,665	$ -	$ 4,188,879	$ 3,857,890	$ 3,886,869	$ 3,579,744	$ 2,090,868	$ 431,895	0.54	0.76
E214	Home Energy Assessments	12	Varies by Measure	5,140,592	$ 118,943	$ 2,091,540	$ 45,679	$ 2,015,406	$ -	$ 2,210,483	$ 2,134,349	$ 2,051,111	$ 1,980,466	$ 3,674,477	$ 585,959	1.79	2.34
E214	SF Existing Water Heat	13	Varies by Measure	941,217	$ 88,670	$ 477,418	$ 38,200	$ 512,452	$ -	$ 566,088	$ 601,122	$ 525,274	$ 557,782	$ 716,947	$ -	1.36	1.41
E214	SF Existing Weatherization	15	Varies by Measure	1,852,256	$ 404,129	$ 532,961	$ 752,642	$ 1,004,384	$ -	$ 937,090	$ 1,408,514	$ 869,528	$ 1,306,963	$ 2,087,819	$ 38,664	2.40	1.79
E214	SF Existing Space Heat	16	Varies by Measure	8,029,711	$ 303,556	$ 4,072,500	$ 5,829,125	$ 9,903,825	$ -	$ 4,376,056	$ 10,207,381	$ 4,060,551	$ 9,471,450	$ 11,461,758	$ -	2.82	1.33
E214	Home Appliances	9	Varies by Measure	6,055,403	$ 1,178,179	$ 3,093,214	$ 229,788	$ 3,435,103	$ -	$ 4,271,393	$ 4,613,282	$ 3,963,434	$ 4,280,674	$ 3,385,653	$ 3,034,518	0.85	1.58
E214	Residential Showerheads	10	Varies by Measure	4,939,372	$ 72,331	$ 435,442	$ 444,153	$ 849,063	$ -	$ 507,772	$ 921,394	$ 471,163	$ 854,963	$ 3,054,704	$ 7,426,539	6.48	12.62
E214	Energy Efficient Lighting Services	11	Lighting	73,696,238	$ 2,702,670	$ 9,252,405	$ 5,057,777	$ 12,757,495	$ -	$ 11,955,076	$ 15,460,165	$ 11,093,139	$ 14,345,518	$ 50,750,291	$ -	4.57	3.89
E214	Home Energy Reports	2	Varies by Measure	0	$ 4,780	$ -	$ -	$ 49,760	$ -	$ 4,780	$ 54,540	$ 4,436	$ 50,608	$ -	$ -	-	-
E214	Web-Enabled Thermostat	20	Varies by Measure	1,283,438	$ 69,362	$ 441,308	$ 123,382	$ 287,957	$ -	$ 510,670	$ 357,319	$ 473,852	$ 331,557	$ 2,109,754	$ -	4.45	7.00
E215	Single Family New Construction	0	Varies by Measure	0	$ 58,318	$ -	$ -	$ -		$ 58,318	$ 58,318	$ 54,113	$ 54,113	$ -	$ -	-	-
E216	Fuel Conversion	30	Flat	2,060,090	$ 141,930	$ 774,291	$ 951,100	$ 1,716,299		$ 916,221	$ 2,571,673	$ 850,163	$ 2,386,261	$ 3,601,784	$ -	4.24	1.66
E217	Multifamily Retrofit	18	Varies by Measure	18,013,074	$ 629,931	$ 10,963,954	$ 5,809,160	$ 13,982,531	$ -	$ 11,593,885	$ 14,612,462	$ 10,757,989	$ 13,558,932	$ 16,558,036	$ 1,518,004	1.54	1.46
E218	Multi-Family New Construction	14	Varies by Measure	1,318,108	$ 200,163	$ 362,368	$ 10,519	$ 370,080		$ 562,531	$ 570,243	$ 521,974	$ 529,130	$ 1,080,725	$ 210,636	2.07	2.64
	Total Residential Energy Management			**125,477,300**	**6,215,187**	**36,444,055**	**19,291,524**	**50,500,020**	**0**	**42,659,242**	**57,428,651**	**39,583,597**	**53,288,161**	**100,572,816**	**13,246,215**	**2.54**	**2.32**
E250	Commercial/Industrial Retrofit	15	Varies by Measure	84,678,261	$ 4,346,796	$ 16,182,538	$ 25,300,790	$ 41,057,384	$ -	$ 20,529,333	$ 45,404,180	$ 19,049,210	$ 42,130,630	$ 76,654,437	$ -	4.02	2.00
E251	Commercial/Industrial New Construction	15	Varies by Measure	24,477,593	$ 275,166	$ 4,543,021	$ 2,572,075	$ 7,407,865	$ -	$ 4,818,188	$ 7,683,031	$ 4,470,806	$ 7,129,100	$ 21,076,315	$ -	4.71	3.25
E253	Commercial Strategic Energy Management SUBTOTAL	3	Varies by Measure	14,394,110	989,718	465,737	222,535	644,851	0	1,455,455	1,634,569	$ 1,350,520	1,516,720	3,014,710	$ 1,356,620	2.23	3.08
E253	SEM	3	Varies by Measure	14,394,110	$ 989,718	$ 465,737	$ 222,535	$ 644,851	$ -	$ 1,455,455	$ 1,634,569	$ 1,350,520	$ 1,516,720	$ 3,014,710	$ 1,356,620	2.23	3.08
E258	HIGH VOLTAGE TOTAL			14,531,170	569,242	6,442,340	3,146,142	9,148,632	0	7,011,582	9,717,874	$ 6,506,061	$ 9,017,235	15,658,170	0	2.41	1.91
E258	High Voltage, Self-Directed 449	15	Varies by Measure	1,968,216	$ 170,627	$ 1,096,994	$ 139,384	$ 1,327,996	$ -	$ 1,267,621	$ 1,498,623	$ 1,176,228	$ 1,390,575	$ 1,676,662	$ -	1.43	1.33
E258	High Voltage, Self Directed non-449	13	Varies by Measure	12,562,954	$ 398,615	$ 5,345,346	$ 3,006,759	$ 7,820,637	$ -	$ 5,743,961	$ 8,219,252	$ 5,329,833	$ 7,626,660	$ 13,981,508	$ -	2.62	2.02
E261	Technology Evaluation	na	Flat														
E262	Business Rebates Programs SUBTOTAL			33,799,835	1,292,781	5,320,814	2,758,070	7,935,272	0	6,613,595	9,228,053	$ 6,136,768	$ 8,562,729	$ 20,832,031	$ 670,864	3.39	2.75
E262	Lighting to Go--also referred to as Business Lighting Markdowns	9		16,373,590	$ 153,225	$ 1,566,363	$ 92,042	$ 1,698,386		$ 1,719,588	$ 1,851,611	$ 1,595,609	$ 1,718,113	$ 9,210,053	$ -	5.77	5.90
E262	Commercial kitchen and laundry	12	Varies by Measure	514,686	$ 39,133	$ 116,370	$ 20,524	$ 136,944	$ -	$ 155,503	$ 176,077	$ 144,291	$ 163,382	$ 354,564	$ 373,303	2.46	4.67
E262	Commercial HVAC	10	Varies by Measure	1,800,978	$ 229,539	$ 573,145	$ 1,812,650	$ 2,387,627	$ -	$ 802,684	$ 2,617,165	$ 744,812	$ 2,428,473	$ 1,807,933	$ -	2.43	0.82
E262	Business Lighting Express																
E262	Business Direct-Install Programs SUBTOTAL		Varies by Measure	15,110,581	870,885	3,064,936	832,855	3,712,315	0	3,935,821	4,583,200	3,652,056	4,252,760	9,459,481	297,561	2.59	2.52
E262	Small Business Direct Install	11		9,941,519	$ 495,138	$ 2,443,831	$ 639,173	$ 2,900,177		$ 2,938,969	$ 3,395,315	$ 2,727,076	$ 3,150,519	$ 6,563,027	$ 110,429	2.41	2.33
E262	Small Agriculture Direct Install	11	Varies by Measure	577,836	$ 23,498	$ 139,490	$ 35,934	$ 168,009		$ 162,988	$ 191,507	$ 151,237	$ 177,700	$ 399,722	$ 1,799	2.64	2.48
E262	Lodging Direct Install	9	Varies by Measure	4,591,226	$ 352,249	$ 481,614	$ 157,748	$ 644,129		$ 833,863	$ 996,378	$ 773,743	$ 924,541	$ 2,496,732	$ 185,332	3.23	3.17
	Total Business Energy Management			**171,880,968**	**$ 7,473,703**	**$ 32,954,449**	**$ 33,999,612**	**$ 66,194,004**	**$ -**	**$ 40,428,152**	**$ 73,667,707**	**$ 37,513,364**	**$ 68,356,414**	**$ 137,235,663**	**$ 2,027,484**	**3.66**	**2.24**
E249	Residential Pilots	2	Varies by Measure	5,322,641	$ 116,729	$ 2,052,602	$ -	$ 422,521		$ 2,169,330	$ 539,250	$ 2,012,926	$ 500,371	$ 796,762	$ -	0.40	1.75
	Total Pilots			**5,322,641**	**116,729**	**2,052,602**	**0**	**422,521**	**0**	**2,169,330**	**539,250**	**2,012,926**	**500,371**	**796,762**	**$ -**	**0.40**	**1.75**
E245	Northwest Energy Efficiency Alliance	7	Flat	15,592,800	$ 3,145,830	$ 886,849	$ -	$ 886,849	$ -	$ 4,032,680	$ 4,032,680	$ 3,741,931	$ 3,741,931	$ 6,856,552	$ -	1.83	2.02
	Transmission & Distribution	5	Flat	42,451	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ 13,914	$ -		
	Total Regional Programs			**15,635,251**	**3,145,830**	**886,849**	**0**	**886,849**	**0**	**4,032,680**	**4,032,680**	**$ 3,741,931**	**$ 3,741,931**	**6,870,465**	**0**	**1.84**	**2.02**
	Energy Efficiency Portfolio Support																
	Energy Advisors				$ 1,127,768					$ 1,127,768	$ 1,127,768	$ 1,046,458	$ 1,046,458				
	Events				$ 501,874					$ 501,874	$ 501,874						
	Brochures, non program-specific				$ 64,064					$ 64,064	$ 64,064	$ 59,445	$ 59,445				
	Customer Online Experience				$ 333,286					$ 333,286	$ 333,286	$ 309,256	$ 309,256				
	Customer Awareness Tools				$ 24,600					$ 24,600	$ 24,600	$ 22,826	$ 22,826				
	Market Integration				234,103					234,103	$ 234,103	$ 217,225	$ 217,225				
	MyData (Automated Benchmarking System)				$ 155,166					$ 155,166	$ 155,166	143,979	143,979				
	ShopPSE				$ (42,250)					$ (42,250)	$ (42,250)	(39,204)	(39,204)				
	Rebate Processing				$ 444,154					$ 444,154	$ 444,154	412,131	412,131				
	Programs Support				$ 321,145					$ 321,145	$ 321,145	297,991	297,991				
	Data and Systems Services				$ 949,529					$ 949,529	$ 949,529	881,070	881,070				
	Energy Efficiency Software System (DSMC)				$ 809,320					$ 809,320	$ 809,320	750,969	750,969				
	Energy Efficient Communities				$ 802,495					$ 802,495	$ 802,495						
	Trade Ally Support				$ 138,425					$ 138,425	$ 138,425						
	Contractor Alliance Network [net of (revenue) + cost]				$ (47,753)					$ (47,753)	$ (47,753)						
	Total Portfolio Support			**0**	**5,815,924**	**0**	**0**	**0**	**0**	**5,815,924**	**5,815,924**	**4,102,147**	**4,102,147**	**0**	**0**		
	Conservation Supply Curves				401174.11					401174.11	$ 401,174	$ 372,250	$ 372,250				
	Strategic Planning				701812.86					701812.86	$ 701,813	$ 651,214	$ 651,214				
	Market Research				242066.87					242066.87	$ 242,067	$ 224,614	$ 224,614				
	Program Evaluation				2215698.51					2215698.51	$ 2,215,699	$ 2,055,951	$ 2,055,951				
	Biennial Electric Conservation Acquisition Review				72022.5					72022.5	$ 72,023	$ 66,830	$ 66,830				
	Verification Team				475434.13					475434.13	$ 475,434	$ 441,156	$ 441,156				
	Total Research and Compliance			**0**	**4,108,209**	**0**	**0**	**0**	**0**	**4,108,209**	**4,108,209**	**$ 3,812,015**	**$ 3,812,015**	**0**	**0**		**-**
	Total In CE Calculations			**318,316,160**	**26,875,582**	**$ 72,337,956**	**$ 53,291,136**	**$ 118,003,394**	**$ -**	**$ 99,213,538**	**$ 145,592,420**	**$ 90,765,981**	**$ 133,801,039**	**245,475,706**	**$ 15,273,698**	**2.70**	**2.13**
	Net Metering				$ 1,220,637					$ 1,220,637	$ 1,220,637	$ 1,132,631	$ 1,132,631				
	Electric Vehicle Charger Incentive				$ 251,188					$ 251,188	$ 251,188	$ 233,078	$ 233,078				
	Demand Response				$ 320,191					$ 320,191	$ 320,191	$ 297,106	$ 297,106				
	Total Other Programs			**0**	**1,792,015**	**0**	**0**	**0**	**0**	**1,792,015**	**1,792,015**	**1,662,815**	**1,662,815**	**0**	**0**		
Grand Total of All EES Programs				**36.3 aMW**	**$ 28,667,597.43**					**$ 101,005,553**	**$ 147,384,435**	**$ 92,428,796**	**$ 135,463,854**				

2017 Program Planning Gas Cost-Effectiveness Tests:

WACC 7.80%		link	fill in	link	link	link	link	link	link	link	link	formula	formula	link	Link	formula	formula
Prog. No.	Program Name	Weighted Measure Life by Program	Load Shape	Therm Savings	Program Overhead Costs	Total Incentive Payments	Customer Costs	Incremental Measure Costs	Other Contributions	Total Utility Costs	Total Resource Costs	Present Value of Total Utility Costs in Time Zero	Present Value of Total Resource Costs in Time Zero	Present Value Therm Savings In Time Zero	Present Value of Non Energy Benefits in time Zero	Utility Cost Test: Benefit Cost Ratio	Total Resource Cost Test: Benefit Cost Ratio
Go to Electric Portfolio Page	**Follow Below Hyperlinks for Program Details**																
G203	Low Income Weatherization	23	Varies by Measure	13,057	$ 43,909	$ 198,362	$ -	$ 199,505	$ -	$ 242,271	$ 243,414	$ 224,804	$ 225,864	$ 65,955	$ 60,208	0.29	0.59
G214	Home Energy Assessments																
G214	SF Existing Water Heat																
G214	SF Existing Weatherization	24	Varies by Measure	480,803	$ 365,099	$ 2,503,249	$ 7,131,549	$ 9,474,765	$ -	$ 2,868,348	$ 9,839,864	$ 2,661,546	$ 9,130,430	$ 5,846,706	$ 1,588,350	2.20	0.88
G214	SF Existing Space Heat	18	Varies by Measure	677,556	$ 255,677	$ 2,149,450	$ 362,532	$ 3,947,553	$ -	$ 2,405,127	$ 4,203,230	$ 2,231,723	$ 3,900,186	$ 7,330,761	$ -	3.28	2.07
G214	Residential Showerheads	10	Residential Water Heat	223,160	$ 106,169	$ 331,852	$ 546,529	$ 718,433		$ 438,022	$ 824,603	$ 406,441	$ 765,151	$ 981,901	$ 7,351,424	2.42	11.02
G214	Home Appliances	11	Varies by Measure	26,735	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 128,023	$ 1,347,792		
G214	Web-Enabled Thermostats	20	Varies by Measure	275,753	$ 77,315	$ 1,143,957	$ 780,052	$ 1,636,877	$ -	$ 1,221,273	$ 1,714,192	$ 1,133,221	$ 1,590,602	$ 3,181,358	$ -	2.81	2.20
G214	Home Energy Reports	2	Varies by Measure	0	$ 1,936	$ -	$ -	$ 14,080	$ -	$ 1,936	$ 16,016	$ 1,797	$ 14,862	$ -	$ -	0.00	0.00
G215	Energy Star Manufactured Home	30	Varies by Measure	0	$ -												
G215	Single Family New Construction	36	Varies by Measure	0	$ 23,034	$ -	$ -	$ -		$ 23,034	$ -	$ 21,373	$ -	$ -	$ -		
G217	Multifamily Retrofit	18	Varies by Measure	30,536	$ 64,267	$ 244,209	$ 120,608	$ 363,533	$ -	$ 308,476	$ 427,800	$ 286,235	$ 396,956	$ 250,558	$ 315,362	0.88	1.49
G218	Multi-Family New Construction	15	Varies by Measure	104,219	$ 72,942	$ 466,109	$ 59,055	$ 525,164	$ -	$ 539,051	$ 598,106	$ 500,187	$ 554,984	$ 608,612	$ 153,735	1.22	1.48
	Total Residential Efficiency Programs			**1,831,819**	**1,010,349**	**7,037,189**	**9,000,325**	**16,879,911**	**0**	**8,047,538**	**17,867,226**	**$ 7,457,327**	**$ 16,579,035**	**$ 18,393,875**	**$ 10,816,870**	**2.46**	**1.67**
G205	Commercial/Industrial Retrofit	8	Varies by Measure	621,452	$ 451,175	$ 1,292,530	$ 1,219,107	$ 3,528,600	$ -	$ 1,743,705	$ 3,979,775	$ 1,617,988	$ 3,692,842	$ 2,532,518	$ -	1.57	0.75
G251	Commercial/Industrial New Construction	16	Varies by Measure	12,546	$ 124,754	$ 66,141	$ 25,530	$ 91,670	$ -	$ 190,895	$ 216,424	$ 177,132	$ 200,821	$ 78,535	$ -	0.44	0.43
G253	Commercial Strategic Energy Management	3	Varies by Measure	676,636	$ 331,998	$ 163,082	$ 69,640	$ 231,189	$ -	$ 495,080	$ 563,187	$ 459,386	$ 522,583	$ 1,287,104	$ -	2.80	2.71
G253	SEM	3	Varies By Measure	676,636	$ 331,998	$ 163,082	$ 69,640	$ 231,189		$ 495,080	$ 563,187	$ 459,386	$ 522,583	$ 1,287,104	$ -	2.80	2.71
G261	Technology Evaluation																
G262	Commercial Rebates			154,256	$244,326	276,491	252,168	531,853	0	520,817	776,179	$ 483,267	$ 720,218	715,196	$ 2,540,123	1.48	4.62
G262	Commercial Kitchen & Laundry	12	Varies By Measure	104,845	$ 30,763	$ 251,860	$ 79,771	$ 332,531	$ -	$ 282,623	$ 363,294	$ 262,247	$ 337,102	$ 552,100	$ 1,950,665	2.11	7.59
G262	Commercial HVAC	6	Varies by Measure	41,931	$ 79,763	$ 11,070	$ 172,397	$ 183,685	$ -	$ 90,833	$ 263,448	$ 84,284	$ 244,454	$ 131,862	$ -	1.56	0.59
G262	Business Direct Installs--Includes:		Comm Water Heat														
G262	Small Business Direct Install	7	Comm Space Heat	1,516	$ 82,343	$ 1,975	$ -	$ 2,559		$ 84,318	$ 84,902	$ 78,239	$ 78,781	$ 5,030	$ 111,733	0.06	1.49
G262	Small Agriculture Direct Install	12	Varies by Measure	0	$ 162	$ (454)	$ -	$ (454)		$ (292)	$ (292)	$ (271)	$ (271)	$ -	$ -		
G262	Lodging Direct Install	10	Comm Water Heat	5,965	$ 51,294	$ 12,040	$ -	$ 13,532		$ 63,334	$ 64,826	$ 58,768	$ 60,153	$ 26,203	$ 477,726	0.45	8.42
	Total Commercial Programs			**1,464,890**	**$ 1,152,253**	**$ 1,798,245**	**$ 1,566,444**	**$ 4,383,313**	**$ -**	**$ 2,950,497**	**$ 5,535,566**	**2,737,772**	**5,136,463**	**4,613,353**	**2,540,123**	**1.69**	**1.48**
G245	NEEA Gas Market Transformation Study				$ 1,749,284					$ 1,749,284	$ 1,749,284	$ 1,623,164	$ 1,623,164				
	Total Regional Programs			**0**	**$ 1,749,284**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,749,284**	**$ 1,749,284**	**$ 1,623,164**	**$ 1,623,164**	**$ -**	**$ -**	**0.00**	**0.00**
G249	Residential Pilots	2	Res Water Heat	316,885	$ 277,760	$ 126,039	$ -	$ 77,479		$ 403,799	$ 355,239	$ 374,686	$ 329,627	$ 299,537	$ -	0.80	1.00
	Total Pilots			316,885	**$ 277,760**	**$ 126,039**	**$ -**	**$ 77,479**	**$ -**	**$ 403,799**	**$ 355,239**	**$ 374,686**	**$ 329,627**	**$ 299,537**	**$ -**	0.80	1.00
	Energy Advisors				$ 104,055					$ 104,055	$ 104,055	$ 96,553	$ 96,553				
	Events				$ 110,056					$ 110,056	$ 110,056	$ 102,121	$ 102,121				
	Brochures, non program-specific				$ 8,708					$ 8,708	$ 8,708	$ 8,080	$ 8,080				
	Customer Online Experience				$ 58,260					$ 58,260	$ 58,260	$ 54,059	$ 54,059				
	Customer Awareness Tools				$ 4,341					$ 4,341	$ 4,341	$ 4,028	$ 4,028				
	Market Integration				$ 34,944					$ 34,944	$ 34,944	$ 32,425	$ 32,425				
	MyData (Automated Benchmarking System)				$ 27,283					$ 27,283	$ 27,283	$ 25,316	$ 25,316				
	ShopPSE				$ (29,613)					$ (29,613)	$ (29,613)	$ (27,478)	$ (27,478)				
	Rebate Processing				$ 63,834					$ 63,834	$ 63,834	$ 59,232	$ 59,232				
	Programs Support				$ 48,787					$ 48,787	$ 48,787	$ 45,269	$ 45,269				
	Data and Systems Services				$ 140,193					$ 140,193	$ 140,193	$ 130,085	$ 130,085				
	Energy Efficiency Software System (DSMC)				$ 128,648					$ 128,648	$ 128,648	$ 119,372	$ 119,372				
	Energy Efficient Communities				$ 130,110					$ 130,110	$ 130,110	$ 120,730	$ 120,730				
	Trade Ally Support				$ 17,322					$ 17,322	$ 17,322	$ 16,073	$ 16,073				
	Contractor Alliance Network [net of (revenue) + cost]				$ (51,615)					$ (51,615)	$ (51,615)	$ (47,894)	$ (47,894)				
	Total Portfolio Support				**$ 795,313**					**$ 795,313**	**$ 795,313**	**$ 737,972**	**$ 737,972**				
	Conservation Supply Curves				$ 49,142					$ 49,142	$ 49,142	$ 45,599	$ 45,599				
	Strategic Planning				$ 88,437					$ 88,437	$ 88,437	$ 82,061	$ 82,061				
	Market Research				$ 36,380					$ 36,380	$ 36,380	$ 33,757	$ 33,757				
	Program Evaluation				$ 511,994					$ 511,994	$ 511,994	$ 475,080	$ 475,080				
	Verification Team				$ 89,253					$ 89,253	$ 89,253	$ 82,818	$ 82,818				
	Total Research & Compliance				**$ 775,207**					**$ 775,207**	**$ 775,207**	**$ 719,316**	**$ 719,316**				
	Grand Total All Gas Programs			**3,613,594**	**$ 5,760,165**	**$ 8,961,473**	**$ 10,566,770**	**$ 21,340,703**	**$ -**	**$ 14,721,638**	**$ 27,077,834**	**$ 13,660,237**	**$ 25,125,577**	**$ 23,306,764**	**$ 13,356,993**	**1.71**	**1.55**

Discount Rate: 7.80%

Overhead Budget:

Not Used - total only | Not used - total only

Total PV Costs UCT | Total PV Costs TRC

Total Benefits UCT | Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings
paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste or back calculate	paste	back calc	back calc	Not used	Paste
E201	Low Income Weatherization	LIW: Refrigerator Replacement - MF - TE	15		15		Res Refrigerator	1	503		$654.00	$ 654.00		503
E201	Low Income Weatherization	LIW: Refrigerator Replacement - MH - TE	15		15	0.06	Res Refrigerator	18	503		$774.02	$ 774.02		9,054
E201	Low Income Weatherization	LIW: Refrigerator Replacement - SF - TE	15		15	0.05	Res Refrigerator	14	503		$926.45	$ 926.45		7,042
E201	Low Income Weatherization	LIW: Sealing - Air - Package - MF - TE	20		20	1.67	MF Space Heat	10	0		$0.00	$ -		179,421
E201	Low Income Weatherization	LIW: Sealing - Duct - MH - TE	20		20	0.75	SF Space Heat	81	973		$663.97	$ 663.97		80,759
E201	Low Income Weatherization	LIW: Sealing - Duct - SF - TE	20		20	0.11	SF Space Heat	16	735		$636.20	$ 636.20		11,760
E201	Low Income Weatherization	LIW: Ductless Heat Pump - MH - TE	18		18	1.82	SF Space Heat	63	3,448		$5,314.33	$ 5,314.33		217,224
E201	Low Income Weatherization	LIW: Ductless Heat Pump - SF - TE	15		15	1.42	SF Space Heat	77	2,645		$5,092.37	$ 5,092.37		203,665
E201	Low Income Weatherization	LIW: Insulation - Duct - R0 to R11 - SF - TE	30		30	0.11	SF Space Heat	8	5		$1,743.48	$ 1,743.48		8,217
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R19 - MF - TE	30		30	0.05	MF Space Heat	13	1		$589.65	$ 589.65		3,758
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R19 - SF - TE	30		30	0.25	SF Space Heat	23	1		$1,988.38	$ 1,988.38		17,899
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R22 - MH - TE	25		25	0.49	SF Space Heat	76	1		$2,151.51	$ 2,151.51		42,218
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R30 - MF - TE	30		30	0.02	MF Space Heat	16	1		$176.22	$ 176.22		1,495
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R30 - MH - SH	25		25	0.00	SF Space Heat	6	1		$0.00	$ 966.32		242
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R30 - MH - TE	25		25	0.24	SF Space Heat	32	1		$1,780.02	$ 1,780.02		21,041
E201	Low Income Weatherization	LIW: Insulation - Floor - R0 to R30 - SF - TE	30		30	0.35	SF Space Heat	29	1		$2,548.37	$ 2,548.37		25,013
E201	Low Income Weatherization	LIW: Insulation - Floor - R11 to R22 - MH - TE	25		25	0.04	SF Space Heat	17	0		$1,819.39	$ 1,819.39		3,861
E201	Low Income Weatherization	LIW: Insulation - Floor - R11 to R30 - MF - TE	30		30	0.04	MF Space Heat	6	1		$842.30	$ 842.30		2,870
E201	Low Income Weatherization	LIW: Insulation - Wall - R0 to R11 - MF - TE	30		30	1.22	MF Space Heat	17	2		$8,501.77	$ 8,501.77		87,594
E201	Low Income Weatherization	LIW: Insulation - Wall - R0 to R11 - MH - TE	25		25	0.09	SF Space Heat	3	2		$2,503.06	$ 2,503.06		7,484
E201	Low Income Weatherization	LIW: Insulation - Wall - R0 to R11 - SF - TE	30		30	0.43	SF Space Heat	26	2		$2,498.81	$ 2,498.81		31,066
E201	Low Income Weatherization	LIW: Insulation - Attic - R0 to R19 - MH - TE	25		25	0.10	SF Space Heat	20	1		$1,547.34	$ 1,547.34		9,009
E201	Low Income Weatherization	LIW: Insulation - Attic - R0 to R30 - MH - TE	25		25	0.05	SF Space Heat	13	0		$2,326.54	$ 2,326.54		4,000
E201	Low Income Weatherization	LIW: Insulation - Attic - R0 to R38 - MF - TE	30		30	0.06	MF Space Heat	2	1		$5,479.17	$ 5,479.17		4,510
E201	Low Income Weatherization	LIW: Insulation - Attic - R0 to R38 - SF - TE	30		30	0.19	SF Space Heat	9	2		$2,189.57	$ 2,189.57		13,873
E201	Low Income Weatherization	LIW: Insulation - Attic - R11 to R38 - SF - TE	30		30	0.13	SF Space Heat	18	0		$2,608.92	$ 2,608.92		9,143
E201	Low Income Weatherization	LIW: Insulation - Attic R19 to R38 - MF - TE	30		30	0.16	MF Space Heat	22	0		$2,885.37	$ 2,885.37		11,755
E201	Low Income Weatherization	LIW: Insulation - Attic R19 to R38 - SF - TE	30		30	0.05	SF Space Heat	18	0		$1,661.49	$ 1,661.49		3,840
E201	Low Income Weatherization	LIW: Lamp - LED - A Lamp - MF - TE	12		12	0.05	Res Lighting	535	17		$18.00	$ 18.00		8,838
E201	Low Income Weatherization	LIW: Lamp - LED - A Lamp - MH - TE	12		12	0.13	Res Lighting	1,087	21		$17.92	$ 17.92		22,468
E201	Low Income Weatherization	LIW: Lamp - LED - A Lamp - SF - TE	12		12	0.14	Res Lighting	1,236	21		$17.97	$ 17.97		25,548
E201	Low Income Weatherization	LIW: Showerhead - MF - TE	10		10	0.03	Res Water Heat	46	139		$48.60	$ 48.60		6,394
E201	Low Income Weatherization	LIW: Showerhead - MH - TE	10		10	0.01	Res Water Heat	9	139		$36.26	$ 36.26		1,251
E201	Low Income Weatherization	LIW: Showerhead - SF - TE	10		10	0.01	Res Water Heat	16	139		$30.45	$ 30.45		2,224
E201	Low Income Weatherization	LIW: Ventilation - Whole House - MF - TE	10		10	0.00	MF Space Heat	5	143		$60.00	$ 60.00		715
E201	Low Income Weatherization	LIW: Ventilation - Whole House - MH - TE	10		10	0.06	SF Space Heat	86	143		$70.57	$ 70.57		12,298
E201	Low Income Weatherization	LIW: Ventilation - Whole House - SF - TE	10		10	0.07	SF Space Heat	99	143		$77.23	$ 77.23		14,157
E201	Low Income Weatherization	LIW: Sealing - Air - Mech Vent - MF - TE	10		10	0.07	MF Space Heat	103	143		$294.17	$ 294.17		14,729
E201	Low Income Weatherization	LIW: Sealing - Shell - MH - TE	25		25	0.22	SF Space Heat	111	0		$1,000.14	$ 1,000.14		18,700
E201	Low Income Weatherization	LIW: Sealing - Shell - SF - TE	20		20	0.30	SF Space Heat	94	0		$884.14	$ 884.14		32,338
E201	Low Income Weatherization	LIW: Insulation - Water Heater Pipe - MF - TE	15		15	0.01	Res Water Heat	96	20		$24.25	$ 24.25		1,920
E201	Low Income Weatherization	LIW: Insulation - Water Heater Pipe - MH - TE	15		15	0.01	Res Water Heat	93	20		$40.60	$ 40.60		1,860
E201	Low Income Weatherization	LIW: Insulation - Water Heater Pipe - SF - TE	15		15	0.01	Res Water Heat	60	20		$54.19	$ 54.19		1,200
E201	Low Income Weatherization	LIW: Windows - DP to DP - MH - TE	25		25	0.01	SF Space Heat	5	3		$597.60	$ 597.60		747
E201	Low Income Weatherization	LIW: Windows - DP to DP - SF - TE	30		30	0.00	SF Space Heat	1	5		$108.00	$ 108.00		48
E201	Low Income Weatherization	LIW: Windows - SP to DP - MH - TE	25		25	0.14	SF Space Heat	15	9		$1,338.38	$ 1,338.38		11,765
E201	Low Income Weatherization	LIW: Windows - SP to DP - SF - TE	30		30	0.06	SF Space Heat	2	11		$3,166.80	$ 3,166.80		4,628
E201	Low Income Weatherization	LIW: Insulation - Attic - R11 to R30 - MH - TE	30		30	0.07	SF Space Heat	51	0		$1,578.04	$ 1,578.04		4,876
E201	Low Income Weatherization	LIW: Insulation - Attic - R0 to R49 - SF - TE	30		30	0.32	SF Space Heat	14	2		$2,046.90	$ 2,046.90		23,165
E201	Low Income Weatherization	LIW: Insulation - Attic - R11 to R49 - SF - TE	30		30	0.17	SF Space Heat	23	1		$2,372.52	$ 2,372.52		12,257
E201	Low Income Weatherization	LIW: Insulation - Attic - R19 to R49 - MF - TE	30		30	0.06	SF Space Heat	3	0		$8,653.30	$ 8,653.30		4,468
E201	Low Income Weatherization	LIW: Aerator - 1.5 gpm - MF - TE	10		10	0.03	Res Water Heat	125	45		$2.52	$ 2.52		5,605
E201	Low Income Weatherization	LIW: Aerator - 1.5 gpm- MH - TE	10		10	0.00	Res Water Heat	14	37		$2.14	$ 2.14		514
E201	Low Income Weatherization	LIW: Aerator - 1.5 gpm - SF - TE	10		10	0.00	Res Water Heat	21	37		$1.78	$ 1.78		771
E201	Low Income Weatherization	LIW: Heat Pump Water Heater - Tier 2 - SF - TE	13		13	0.04	Res Water Heat	4	1,523		$2,603.04	$ 2,603.04		6,092
E201	Low Income Weatherization	LIW: Lamp - LED - Globe - MH - TE	12		12	0.00	Res Lighting	49	18		$18.00	$ 18.00		886
E201	Low Income Weatherization	LIW: Lamp - LED - Globe - SF - TE	12		12	0.00	Res Lighting	43	18		$18.00	$ 18.00		778
E201	Low Income Weatherization	LIW: Ductless Heat Pump - SIR - MF - TE	15		15	1.54	MF Space Heat	100	2,209		$2,362.27	$ 2,362.27		220,907
E201	Low Income Weatherization	LIW: Insulation - Slab On Grade - SIR - MF - TE	25		25	0.16	MF Space Heat	5	2,702		$4,064.68	$ 4,064.68		13,508
E201	Low Income Weatherization	LIW: Sealing - Air - Package - 20 plus - SIR - MF - TE	15		15	0.29	MF Space Heat	8	5,153		$0.00	$ -		41,227
E201	Low Income Weatherization	LIW: Ductless Heat Pump - MF - TE	15		15	3.66	MF Space Heat	198	2,645		$4,070.09	$ 4,070.09		523,710
E201	Low Income Weatherization	LIW: Insulation - Rigid Wall - SIR - MF - TE	30		30	0.57	MF Space Heat	7	5,812		$22,184.07	$ 22,184.07		40,684
E201	Low Income Weatherization	LIW: Thermostat - SIR - MF - TE	15		15	0.31	MF Space Heat	68	643		$239.40	$ 239.40		43,738
E201	Low Income Weatherization	LIW: ERV - SIR - MF - TE	15		15	0.03	MF Space Heat	6	745		$995.40	$ 995.40		4,468
E201	Low Income Weatherization	sh dollars	1		1			1	0					0
		Program Total				18.57								2,147,800
														2,147,800

Measure Name	Percent Unit overhead	Program Overhead Cost	Agency Incentives	Total Incentive	Total Customer/Agency Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	Not Used for LIW	Total Program OH t	not used	paste	zero for LIW	paste	unused mostly	formula: S + U	formula: S +W	paste	paste	formula: Y/(1+ElecDiscountRate)^1	Z/(1+ElecDiscountRate)^1	PV(ElecDiscountRat	PV(ElecDiscountR								formula: logic to lookup from AC tables and adjust	formula: Utility Savings (AF)*1.1+AD+AE	formula: AN/AC	formula: AN/AC
LIW: Refrigerator Replacement - MF - TE				654		$ 654				$ -				$ -	$ -								$ -	$ -		
LIW: Refrigerator Replacement - MH - TE				13932.42		$ 13,932				$ -				$ -	$ -								$ 6,718	$ 7,390		
LIW: Refrigerator Replacement - SF - TE				12970.33		$ 12,970				$ -				$ -	$ -								$ 5,225	$ 5,748		
LIW: Sealing - Air - Package - MF - TE				0		$ -				$ -				$ -	$ -								$ -	$ -		
LIW: Sealing - Duct - MH - TE				53781.87		$ 53,782				$ -				$ -	$ -								$ 137,660	$ 151,426		
LIW: Sealing - Duct - SF - TE				10179.15		$ 10,179				$ 11.00				$ 1,758	$ -								$ 20,541	$ 24,353		
LIW: Ductless Heat Pump - MH - TE				334802.51		$ 334,803				$ 67.11				$ 40,264	$ -								$ 356,982	$ 432,944		
LIW: Ductless Heat Pump - SF - TE				392112.36		$ 392,112				$ 37.13				$ 24,819	$ -								$ 298,550	$ 353,224		
LIW: Insulation - Duct - R0 to R11 - SF - TE				13947.86		$ 13,948				$ -				$ -	$ -								$ 82	$ 90		
LIW: Insulation - Floor - R0 to R19 - MF - TE				7665.5		$ 7,666				$ -				$ -	$ -								$ 26	$ 29		
LIW: Insulation - Floor - R0 to R19 - SF - TE				45732.772		$ 45,733				$ 0.01				$ 3	$ -								$ 46	$ 53		
LIW: Insulation - Floor - R0 to R22 - MH - TE				163514.97		$ 163,515				$ -				$ -	$ -								$ 75	$ 83		
LIW: Insulation - Floor - R0 to R30 - MF - TE				2819.52		$ 2,820				$ -				$ -	$ -								$ 41	$ 45		
LIW: Insulation - Floor - R0 to R30 - MH - SH				0		$ 5,798								$ -	$ -								$ 17	$ 19		
LIW: Insulation - Floor - R0 to R30 - MH - TE				56960.76		$ 56,961				$ -				$ -	$ -								$ 93	$ 103		
LIW: Insulation - Floor - R0 to R30 - SF - TE				73902.8		$ 73,903				$ 0.02				$ 7	$ -								$ 65	$ 78		
LIW: Insulation - Floor - R11 to R22 - MH - TE				30929.6		$ 30,930				$ -				$ -	$ -								$ 7	$ 7		
LIW: Insulation - Floor - R11 to R30 - MF - TE				5053.81		$ 5,054				$ -				$ -	$ -								$ 9	$ 9		
LIW: Insulation - Wall - R0 to R11 - MF - TE				144530.1		$ 144,530				$ -				$ -	$ -								$ 63	$ 69		
LIW: Insulation - Wall - R0 to R11 - MH - TE				7509.17		$ 7,509				$ -				$ -	$ -								$ 10	$ 11		
LIW: Insulation - Wall - R0 to R11 - SF - TE				64969.02		$ 64,969				$ 0.03				$ 9	$ -								$ 102	$ 121		
LIW: Insulation - Attic - R0 to R19 - MH - TE				30946.84		$ 30,947				$ -				$ -	$ -								$ 20	$ 22		
LIW: Insulation - Attic - R0 to R30 - MH - TE				30245.04		$ 30,245				$ -				$ -	$ -								$ 8	$ 9		
LIW: Insulation - Attic - R0 to R38 - MF - TE				10958.33		$ 10,958				$ -				$ -	$ -								$ 4	$ 5		
LIW: Insulation - Attic - R0 to R38 - SF - TE				19706.12		$ 19,706				$ 0.03				$ 3	$ -								$ 44	$ 51		
LIW: Insulation - Attic - R11 to R38 - SF - TE				46960.64		$ 46,961				$ 0.01				$ 2	$ -								$ 19	$ 23		
LIW: Insulation - Attic R19 to R38 - MF - TE				63478.08		$ 63,478				$ -				$ -	$ -								$ 12	$ 13		
LIW: Insulation - Attic R19 to R38 - SF - TE				29906.77		$ 29,907				$ -				$ -	$ -								$ 9	$ 10		
LIW: Lamp - LED - A Lamp - MF - TE				9630		$ 9,630				$ -				$ -	$ -								$ 6,582	$ 7,240		
LIW: Lamp - LED - A Lamp - MH - TE				19483.94		$ 19,484				$ -				$ -	$ -								$ 16,732	$ 18,405		
LIW: Lamp - LED - A Lamp - SF - TE				22204.85		$ 22,205				$ -				$ -	$ -								$ 19,025	$ 20,928		
LIW: Showerhead - MF - TE				2235.6		$ 2,236				$ 11.40				$ 3,556	$ -								$ 3,954	$ 7,905		
LIW: Showerhead - MH - TE				326.34		$ 326				$ 11.40				$ 696	$ -								$ 774	$ 1,547		
LIW: Showerhead - SF - TE				487.142		$ 487				$ 11.40				$ 1,237	$ -								$ 1,375	$ 2,750		
LIW: Ventilation - Whole House - MF - TE				300		$ 300				$ -				$ -	$ -								$ 675	$ 743		
LIW: Ventilation - Whole House - MH - TE				6069.31		$ 6,069				$ -				$ -	$ -								$ 13,459	$ 14,805		
LIW: Ventilation - Whole House - SF - TE				7646.14		$ 7,646				$ -				$ -	$ -								$ 15,494	$ 17,043		
LIW: Sealing - Air - Mech Vent - MF - TE				30300		$ 30,300				$ -				$ -	$ -								$ 13,909	$ 15,300		
LIW: Sealing - Shell - MH - TE				111015.552		$ 111,016				$ -				$ -	$ -								$ 44	$ 48		
LIW: Sealing - Shell - SF - TE				83109.316		$ 83,109				$ 0.01				$ 9	$ -								$ 79	$ 96		
LIW: Insulation - Water Heater Pipe - MF - TE				2328		$ 2,328				$ -				$ -	$ -								$ 1,624	$ 1,787		
LIW: Insulation - Water Heater Pipe - MH - TE				3775.48		$ 3,775				$ -				$ -	$ -								$ 1,574	$ 1,731		
LIW: Insulation - Water Heater Pipe - SF - TE				3251.21		$ 3,251				$ -				$ -	$ -								$ 1,015	$ 1,117		
LIW: Windows - DP to DP - MH - TE				2988		$ 2,988				$ 0.02				$ 1	$ -								$ 30	$ 34		
LIW: Windows - DP to DP - SF - TE				108		$ 108				$ 0.07				$ 1	$ -								$ 12	$ 14		
LIW: Windows - SP to DP - MH - TE				20075.7		$ 20,076				$ 0.06				$ 10	$ -								$ 256	$ 291		
LIW: Windows - SP to DP - SF - TE				6333.6		$ 6,334				$ 0.17				$ 4	$ -								$ 50	$ 59		
LIW: Insulation - Attic - R11 to R30 - MH - TE				80480.25		$ 80,480								$ -	$ -								$ 11	$ 12		
LIW: Insulation - Attic - R0 to R49 - SF - TE				28656.56		$ 28,657				$ 0.03				$ 5	$ -								$ 69	$ 81		
LIW: Insulation - Attic - R11 to R49 - SF - TE				54567.976		$ 54,568				$ 0.01				$ 3	$ -								$ 26	$ 31		
LIW: Insulation - Attic - R19 to R49 - MF - TE				25959.9		$ 25,960								$ -	$ -								$ 3	$ 3		
LIW: Aerator - 1.5 gpm - MF - TE				315		$ 315				$ 4.85				$ 4,111	$ -								$ 3,466	$ 7,924		
LIW: Aerator - 1.5 gpm- MH - TE				30		$ 30				$ 3.97				$ 377	$ -								$ 318	$ 727		
LIW: Aerator - 1.5 gpm - SF - TE				37.31		$ 37				$ 3.97				$ 565	$ -								$ 477	$ 1,090		
LIW: Heat Pump Water Heater - Tier 2 - SF - TE				10412.14		$ 10,412								$ -	$ -								$ 4,640	$ 5,104		
LIW: Lamp - LED - Globe - MH - TE				882		$ 882								$ -	$ -								$ 660	$ 726		
LIW: Lamp - LED - Globe - SF - TE				774		$ 774								$ -	$ -								$ 579	$ 637		
LIW: Ductless Heat Pump - SIR - MF - TE				236227.36		$ 236,227								$ -	$ -								$ 280,584	$ 308,642		
LIW: Insulation - Slab On Grade - SIR - MF - TE				20323.38		$ 20,323								$ -	$ -								$ 23,043	$ 25,347		
LIW: Sealing - Air - Package - 20 plus - SIR - MF - TE				0		$ -								$ -	$ -								$ 52,364	$ 57,601		
LIW: Ductless Heat Pump - MF - TE				805877.16		$ 805,877								$ -	$ -								$ 665,187	$ 731,706		
LIW: Insulation - Rigid Wall - SIR - MF - TE				155288.52		$ 155,289								$ -	$ -								$ 75,120	$ 82,632		
LIW: Thermostat - SIR - MF - TE				16279.2		$ 16,279								$ -	$ -								$ 55,554	$ 61,109		
LIW: ERV - SIR - MF - TE				5972.4		$ 5,972								$ -	$ -								$ 5,675	$ 6,243		
sh dollars										$ 381,998.41				$ 354,457	$ -								$ -	$ 354,457		
Program Total	0%	$ 242,225		$ 3,946,654	$ -	$ 3,615,665	$ -	$ 4,188,879	$ 3,857,890			$ 3,886,869	$ 3,579,744	$ 431,895	$ -								$ 2,090,868	$ 2,377,392	0.54	0.76
				$ 3,441,922																						

Summary

Discount Rate 7.90%

Overhead Rolled-

Not used DMC, etc

Not Used - total only Not used - total only

Total PV Benefits Total PV Cost

Total Benefits UCT - Total Benefits TRC

paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 10/52 Net Used Paste	Program Overhead Cost	Total Incentive	formula v-t	Total Customer Cost	Total Incremental Measure Cost	unused modify -1	Other Contribution Costs	Total Utility Program Costs	formula: S + T	Total Resource Cost	formula: U1(1+Elec\DiscountRate)	formula: V1(1+Elec\DiscountRate -1	formula: S + V	paste	paste	formula: y-1	formula: PV(Elec\DiscountRat	formula: PV(Elec\DiscountR	paste	paste	paste	paste	paste	paste	paste	formula: Logic w lookup from AC tables and adjust	formula: Utility Savings (AE)*(1.1+.5D+.AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead																													
E214	HomePrint	107449 - 1	HMPT: Home Energy Audit - CAN - E	1		1	0.00	SF Space Heat	132	0		$141.00	$141.00	$ -	0			$ 14,520	$ 4,092	$ 18,612							$ -																	
E214	HomePrint	107449 - 2	HMPT: Home Energy Audit - CAN - E	1		1	0.00	SF Space Heat	2,942	0		$121.00	$121.00	$ -	0			$ 323,620	$ 32,362	$ 355,982							$ -							$ -											
E214	HomePrint	107449 - 3	HMPT: Home Energy Audit - Service Provider - E	1		1	0.00	SF Space Heat	464	0		$100.00	$100.00	$ -	0			$ 60,784	$ (14,384)	$ 46,400							$ -							$ -											
E214	HomePrint	107449 - 4	HMPT: Home Energy Audit - Service Provider - E	1		1	0.00	SF Space Heat	6,368	0		$166.00	$166.00	$ -	0			$ 1,056,688	$ 349,844	$ 1,406,272							$ -							$ -											
E214	HomePrint	107501 - 1	HMPT: Home Energy Audit - CAN - MH	1		1	0.00	SF Space Heat	39	0		$121.00	$121.00	$ -	0			$ 3,510	$ 1,209	$ 4,719							$ -							$ -											
E214	HomePrint	107501 - 2	HMPT: Home Energy Audit - CAN - MH	1		1	0.00	SF Space Heat	365	0		$100.00	$100.00	$ -	0			$ 32,850	$ 3,650	$ 36,500							$ -							$ -											
E214	HomePrint	107511 - 1	HMPT: Home Energy Audit - Service Provider - MH	1		1	0.00	SF Space Heat	19	0		$105.00	$105.00	$ -	0			$ 1,995	$ -	$ 1,995							$ -							$ -											
E214	HomePrint	107511 - 2	HMPT: Home Energy Audit - Service Provider - MH	1		1	0.00	SF Space Heat	52	0		$115.00	$115.00	$ -	0			$ 5,980	$ 5,250	$ 10,145							$ -							$ -											
E214	HomePrint	107444 - 1	HMPT: Power Strip - Advanced	5		5	0.04	Res Plug Load	189	216		$42.00	$42.00	$ -	40,824			$ 7,898	$ 40	$ 7,938							$ -							$ -											
E214	HomePrint	107451 - 2	HMPT: Lamp - LED - A Lamp - MH	12		12	0.57	Res Lighting	7,613	21		$163	$163	$ -	157,402			$ 21,078	$ 6,717	$ 27,795							$ -							$ -											
E214	HomePrint	107451 - 3	HMPT: Lamp - LED - Globe - DI	12		12	1.30	Res Lighting	30,670	16		$5.50	$5.50	$ -	558,438			$ 119,142	$ 44,469	$ 163,611							$ -							$ -											
E214	HomePrint	107451 - 4	HMPT: Lamp - LED - Globe - MH	12		12	0.08	Res Lighting	1,867	16		$5.50	$5.50	$ -	34,136			$ 15,000	$ 3,033	$ 18,055							$ -							$ -											
E214	HomePrint	107447 - 5	HMPT: Lamp - LED - A Lamp - DI	12		12	0.18	Res Lighting	1,752	21		$0.00	$0.00	$ -	77,761			$ 12,527	$ (12,527)	$ -							$ -							$ -											
E214	HomePrint	107447 - 6	HMPT: Lamp - LED - A Lamp - DI	12		12	3.25	Res Lighting	66,122	21		$0.00	$0.00	$ -	1,369,015			$ 189,609	$ 56,138	$ 241,747							$ -							$ -											
E214	HomePrint	107452 - 4	HMPT: Lamp - LED - Reflector - BR30 - DI	12		12	4.16	Res Lighting	45,216	39		$0.00	$0.00	$ -	1,781,983			$ 181,609	$ (181,609)	$ -							$ -							$ -											
E214	HomePrint	107452 - 2	HMPT: Lamp - LED - Reflector - BR30 - MH	12		12	0.07	Res Lighting	1,867	39		$0.00	$0.00	$ -	74,124			$ 3,267	$ 1,038	$ 3,996							$ -							$ -											
E214	HomePrint	107554 - 1	HMPT: Aerator - EWH - 1.0 gpm	10		10	0.01	Res Water Heat	218	63		$0.00	$0.00	$ -	13,734			$ 63	$ 15	$ 78							$ -							$ -											
E214	HomePrint	107554 - 2	HMPT: Aerator - EWH - 1.5 gpm	10		10	0.02	Res Water Heat	2,143	53		$0.54	$0.54	$ -	113,579			$ 1,155	$ 1,155	$ 2,309							$ -							$ -											
E214	HomePrint	107554 - 1	HMPT: Aerator - EWH - 1.5 gpm	10		10	0.00	Res Water Heat	45	31		$1.54	$1.54	$ -	1,765			$ 70	$ 14	$ 86							$ -							$ -											
E214	HomePrint	107555 - 2	HMPT: Aerator - EWH - 1.5 gpm	10		10	0.04	Res Water Heat	671	31		$1.41	$1.41	$ -	20,801			$ 784	$ 162	$ 946							$ -							$ -											
E214	HomePrint	107556 - 1	HMPT: Showerhead - Fixed - LB - EWH - 1.5 gpm	10		10	0.01	Res Water Heat	30	260		$3.94	$3.94	$ -	13,000			$ 183	$ 17	$ 197							$ -							$ -											
E214	HomePrint	107556 - 2	HMPT: Showerhead - Fixed - LB - EWH - 1.5 gpm	10		10	0.73	Res Water Heat	1,577	239		$3.95	$3.95	$ -	375,326			$ 5,093	$ 1,137	$ 6,229							$ -							$ -											
E214	HomePrint	107572 - 1	RMPT: Showerhead - Handheld - LB - EWH - 1.5 gpm	10		10	0.05	Res Water Heat	208	260		$9.48	$9.48	$ -	26,080			$ 935	$ 89	$ 1,024							$ -							$ -											
E214	HomePrint	107572 - 2	RMPT: Showerhead - Handheld - LB - EWH - 1.5 gpm	10		10	0.99	Res Water Heat	2,130	239		$9.38	$9.38	$ -	506,840			$ 16,241	$ 3,738	$ 19,979							$ -							$ -											
E214	HomePrint	110443 - 1	HMPT: Showerhead - LB - EWH - 1.5 gpm - EE	10		10	0.05	Res Water Heat	3,569	7		$0.00	$0.00	$ -	25,123			$ -	$ -	$ -							$ -							$ -											
			Program Total			**11.52**									**5,148,592**	**0%**	**$ 118,843**	**$ 2,091,548**	**$ 45,670**	**$ 2,015,486**	**$ -**	**$ -**	**$ 2,218,483**	**$ 2,134,349**		**$ -**	**$ 2,051,111**	**$ 1,980,466**	**$ 185,959**													**$ 3,074,477**	**$ 4,527,883**	**1.79**	**2.34**

Rev to Summary

Discount Rate 7.80%

Check | Paste | Not Used | Not used - total only | Not used DSM or Rate | Check This | Paste | Not Used - total only | Not used - total only

Total PV Gross UCT: formula: U(1+ElecDiscountRate)^-1 | Total PV Gross TRC: formula: V(1+ElecDiscountRate)^-1 | formula: P*(ElecDiscountRat | formula: P*(ElecDiscountR

Total Benefits UCT: formula: Logic to lookup from AC tables and adjust | Total Benefits TRC: formula: Utility Savings (AS*1.1+AD+AE

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	Formula O - N	Paste	Paste - Not Used	formula: R * SBS2 Not Used Paste	paste	formula P*K	paste	unused monthly	formula: S + T	formula: S + V	paste	paste																						
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E214	Electric Water Heating	10009 - 3	RWH: Heat Pump Water Heater - Tier 1 - NEEA Spe	13		13	0.01	Res Water Heat	1	1,067		$500.00	$796.00	$ 296	1,067			$ 500	$ 296	$ 796				$ -		$ -	$ -	$ -	$ -	0.76165	$ 812.72	0.76165	$ -	$ 813	$ -	$ 813	$ 813	$ 894		
E214	Electric Water Heating	10009 - 4	RWH: Heat Pump Water Heater - Tier 1 - NEEA Spe	13		13	0.07	Res Water Heat	1	1,069		$500.00	$854.00	$ 354	5,345			$ 2,500	$ 1,770	$ 4,270				$ -		$ -	$ -	$ -	$ -	0.76165	$ 4,071	0.76165	$ -	$ 4,071	$ -	$ 4,071	$ 4,071	$ 4,476		
E214	Electric Water Heating	10700 - 3	RWH: Heat Pump Water Heater - Tier 2 - NEEA Spe	13		13	1.17	Res Water Heat	56	1,518		$800.00	$918.00	$ 38	85,008			$ 43,708	$ 1,008	$ 45,808				$ -		$ -	$ -	$ -	$ -	0.76165	$ 64,750	0.76165	$ -	$ 64,750	$ -	$ 64,750	$ 64,750	$ 71,225		
E214	Electric Water Heating	10700 - 4	RWH: Heat Pump Water Heater - Tier 2 - NEEA Spe	13		13	1.93	Res Water Heat	88	1,592		$800.00	$870.00	$ 70	140,096			$ 68,679	$ 6,160	$ 76,560				$ -		$ -	$ -	$ -	$ -	0.76165	$ 106,710	0.76165	$ -	$ 106,710	$ -	$ 106,710	$ 106,710	$ 117,381		
	Electric Water Heating	10705 - 5	RWH: Heat Pump Water Heater - Tier 2 - NEEA Spe	13		13	0.49	Res Water Heat	29	1,473		$800.00	$870.00	$ 70	35,352			$ 19,200	$ 5,680	$ 25,880				$ -		$ -	$ -	$ -	$ -	0.76165	$ 26,927	0.76165	$ -	$ 26,927	$ -	$ 26,927	$ 26,927	$ 29,620		
	Electric Water Heating	10701 - 1	RWH: Heat Pump Water Heater - Tier 3 - NEEA Spe	13		13	0.93	Res Water Heat	42	1,610		$800.00	$818.00	$ 18	67,580			$ 32,740	$ 758	$ 34,498				$ -		$ -	$ -	$ -	$ -	0.76165	$ 51,506	0.76165	$ -	$ 51,506	$ -	$ 51,506	$ 51,506	$ 56,656		
	Electric Water Heating	10701 - 2	RWH: Heat Pump Water Heater - Tier 3 - NEEA Spe	13		13	2.14	Res Water Heat	55	1,689		$800.00	$870.00	$ 70	154,609			$ 71,386	$ 6,370	$ 79,170				$ -		$ -	$ -	$ -	$ -	0.76165	$ 117,764	0.76165	$ -	$ 117,764	$ -	$ 117,764	$ 117,764	$ 129,541		
	Electric Water Heating	10701 - 3	RWH: Heat Pump Water Heater - Tier 3 - NEEA Spe	13		13	6.25	Res Water Heat	288	1,570		$800.00	$870.00	$ 70	452,160			$ 230,004	$ 20,160	$ 250,560				$ -		$ -	$ -	$ -	$ -	0.76165	$ 344,406	0.76165	$ -	$ 344,406	$ -	$ 344,406	$ 344,406	$ 379,047		
			Program Total			**13.00**									**982,217**	8%	$ 88,678	$ 497,018	$ 30,208	$ 522,452	$ -	$ 566,088	$ 681,122			$ 525,274	$ 557,782	$ -	$ -									$ 716,767	$ 788,441	**1.36**	**1.46**

Summary

Discount Rate: 7.80%

Overhead Budget:

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E214	Single Family Weatherization	10940 - 1	SFWX: Sealing - Duct and Insulation - E	20		20	0.36	SF Space Heat	18	1,859		$400.00	$1,000.00	$ 600
E214	Single Family Weatherization	10940 - 2	SFWX: Sealing - Duct and Insulation - E	20		20	3.21	SF Space Heat	160	1,859		$400.00	$1,000.00	$ 600
E214	Single Family Weatherization	10921 - 1	SFWX: Ventilation - Whole House - Energy Star	10		10	0.00	Res Plug Load	11	81		$50.00	$50.00	$ -
E214	Single Family Weatherization	10922 - 1	FWX: Ventilation - Whole House - Energy Star - with	10		10	0.00	Res Plug Load	2	81		$150.00	$250.00	$ 100
E214	Single Family Weatherization	10912 - 1	SFWX: Insulation - Attic - R0 to R49 - FAF	30		30	0.24	SF Space Heat	6,410	2		$0.33	$1.12	$ 1
E214	Single Family Weatherization	10912 - 3	SFWX: Insulation - Attic - R0 to R49 - FAF	30		30	1.08	SF Space Heat	28,439	2		$0.33	$1.24	$ 1
E214	Single Family Weatherization	10914 - 1	SFWX: Insulation - Attic - R0 to R49 - HP	30		30	0.08	SF Space Heat	3,900	1		$0.33	$1.12	$ 1
E214	Single Family Weatherization	10914 - 3	SFWX: Insulation - Attic - R0 to R49 - HP	30		30	0.54	SF Space Heat	24,965	1		$0.33	$1.24	$ 1
E214	Single Family Weatherization	10915 - 1	SFWX: Insulation - Attic - R0 to R49 - Zonal	30		30	0.47	SF Space Heat	13,559	2		$0.33	$1.12	$ 1
E214	Single Family Weatherization	10915 - 2	SFWX: Insulation - Attic - R0 to R49 - Zonal	30		30	0.04	SF Space Heat	1,150	2		$0.33	$1.12	$ 1
E214	Single Family Weatherization	10915 - 3	SFWX: Insulation - Attic - R0 to R49 - Zonal	30		30	1.88	SF Space Heat	53,828	2		$0.33	$1.24	$ 1
E214	Single Family Weatherization	10916 - 1	SFWX: Insulation - Attic - R11 to R49 - FAF	30		30	0.07	SF Space Heat	7,231	1		$0.33	$0.98	$ 1
E214	Single Family Weatherization	10916 - 3	SFWX: Insulation - Attic - R11 to R49 - FAF	30		30	0.36	SF Space Heat	35,630	1		$0.33	$1.09	$ 1
E214	Single Family Weatherization	10918 - 1	SFWX: Insulation - Attic - R11 to R49 - HP	30		30	0.00	SF Space Heat	896	0		$0.33	$0.98	$ 1
E214	Single Family Weatherization	10918 - 3	SFWX: Insulation - Attic - R11 to R49 - HP	30		30	0.10	SF Space Heat	24,606	0		$0.33	$1.09	$ 1
E214	Single Family Weatherization	10919 - 1	SFWX: Insulation - Attic - R11 to R49 - Zonal	30		30	0.05	SF Space Heat	6,315	0		$0.33	$0.98	$ 1
E214	Single Family Weatherization	10919 - 2	SFWX: Insulation - Attic - R11 to R49 - Zonal	30		30	0.26	SF Space Heat	36,367	0		$0.33	$1.09	$ 1
E214	Single Family Weatherization	12016 - 1	SFWX: Insulation - Attic - Electric - Zonal	30		30	0.01	SF Space Heat	248	2		$0.33	$1.12	$ 1
E214	Single Family Weatherization	10923 - 2	SFWX: Insulation - Floor - R0 to R22 - HP - MH	25		25	0.05	SF Space Heat	7,290	0		$0.55	$1.39	$ 1
E214	Single Family Weatherization	10924 - 1	SFWX: Insulation - Floor - R0 to R22 - Zonal - MH	25		25	0.01	SF Space Heat	2,112	1		$0.55	$1.25	$ 1
E214	Single Family Weatherization	10924 - 2	SFWX: Insulation - Floor - R0 to R22 - Zonal - MH	25		25	0.07	SF Space Heat	11,528	0		$0.55	$1.39	$ 1
E214	Single Family Weatherization	10926 - 1	SFWX: Insulation - Floor - R0 to R30 - FAF	30		30	0.23	SF Space Heat	14,066	1		$0.11	$1.32	$ 1
E214	Single Family Weatherization	10926 - 3	SFWX: Insulation - Floor - R0 to R30 - FAF	30		30	0.04	SF Space Heat	2,039	1		$0.11	$1.32	$ 1
E214	Single Family Weatherization	10926 - 4	SFWX: Insulation - Floor - R0 to R30 - FAF	30		30	1.18	SF Space Heat	72,906	1		$0.11	$1.46	$ 1
E214	Single Family Weatherization	10928 - 1	SFWX: Insulation - Floor - R0 to R30 - HP	30		30	0.01	SF Space Heat	3,626	0		$0.11	$1.32	$ 1
E214	Single Family Weatherization	10928 - 4	SFWX: Insulation - Floor - R0 to R30 - HP	30		30	0.13	SF Space Heat	43,355	0		$0.11	$1.46	$ 1
E214	Single Family Weatherization	10929 - 1	SFWX: Insulation - Floor - R0 to R30 - Zonal	30		30	0.29	SF Space Heat	17,619	1		$0.11	$1.32	$ 1
E214	Single Family Weatherization	10929 - 2	SFWX: Insulation - Floor - R0 to R30 - Zonal	30		30	0.02	SF Space Heat	784	1		$0.11	$1.32	$ 1
E214	Single Family Weatherization	10929 - 3	SFWX: Insulation - Floor - R0 to R30 - Zonal	30		30	0.02	SF Space Heat	1,025	1		$0.11	$1.32	$ 1
E214	Single Family Weatherization	10929 - 4	SFWX: Insulation - Floor - R0 to R30 - Zonal	30		30	1.70	SF Space Heat	102,005	1		$0.11	$1.46	$ 1
E214	Single Family Weatherization	10945 - 1	SFWX: Insulation - Wall - R0 to R13 - FAF	30		30	0.09	SF Space Heat	2,580	2		$0.22	$1.39	$ 1
E214	Single Family Weatherization	10945 - 4	SFWX: Insulation - Wall - R0 to R13 - FAF	30		30	0.04	SF Space Heat	1,300	2		$0.22	$1.39	$ 1
E214	Single Family Weatherization	10945 - 5	SFWX: Insulation - Wall - R0 to R13 - FAF	30		30	0.27	SF Space Heat	7,458	2		$0.22	$1.54	$ 1
E214	Single Family Weatherization	10947 - 1	SFWX: Insulation - Wall - R0 to R13 - HP	30		30	0.03	SF Space Heat	2,060	1		$0.22	$1.39	$ 1
E214	Single Family Weatherization	10947 - 4	SFWX: Insulation - Wall - R0 to R13 - HP	30		30	0.09	SF Space Heat	6,061	1		$0.22	$1.54	$ 1
E214	Single Family Weatherization	10948 - 1	SFWX: Insulation - Wall - R0 to R13 - Zonal	30		30	0.12	SF Space Heat	4,760	2		$0.22	$1.39	$ 1
E214	Single Family Weatherization	10948 - 4	SFWX: Insulation - Wall - R0 to R13 - Zonal	30		30	0.02	SF Space Heat	1,200	1		$0.22	$1.39	$ 1
E214	Single Family Weatherization	10948 - 5	SFWX: Insulation - Wall - R0 to R13 - Zonal	30		30	0.44	SF Space Heat	17,850	2		$0.22	$1.39	$ 1
E214	Single Family Weatherization	10909 - 5	SFWX: Sealing - Air - FAF	15		15	0.01	SF Space Heat	1,800	1		$0.66	$0.73	$ 0
E214	Single Family Weatherization	10910 - 5	SFWX: Sealing - Air - HP	15		15	0.02	SF Space Heat	8,613	0		$0.66	$0.73	$ 0
E214	Single Family Weatherization	10911 - 1	SFWX: Sealing - Air - Zonal	15		15	0.01	SF Space Heat	2,563	0		$0.66	$0.66	$ -
E214	Single Family Weatherization	10911 - 5	SFWX: Sealing - Air - Zonal	15		15	0.05	SF Space Heat	14,607	0		$0.66	$0.66	$ -
E214	Single Family Weatherization	10930 - 1	SFWX: Sealing - Air - Attic	30		30	0.02	SF Space Heat	8,036	0		$0.09	$0.20	$ 0
E214	Single Family Weatherization	10930 - 2	SFWX: Sealing - Air - Attic	30		30	0.17	SF Space Heat	77,106	0		$0.09	$0.20	$ 0
E214	Single Family Weatherization	10932 - 1	SFWX: Sealing - Air - Floor	30		30	0.02	SF Space Heat	10,644	0		$0.09	$0.20	$ 0
E214	Single Family Weatherization	10932 - 2	SFWX: Sealing - Air - Floor	30		30	0.34	SF Space Heat	151,669	0		$0.09	$0.20	$ 0
E214	Single Family Weatherization	10935 - 1	SFWX: Sealing - Duct - Double Triple - MH - Zonal	18		18	0.02	SF Space Heat	2	973		$400.00	$418.00	$ 18
E214	Single Family Weatherization	10935 - 2	SFWX: Sealing - Duct - Double Triple - MH - Zonal	18		18	0.06	SF Space Heat	6	973		$400.00	$462.66	$ 63
E214	Single Family Weatherization	10936 - 1	SFWX: Sealing - Duct - Double Triple - MH - HP	18		18	0.01	SF Space Heat	1	615		$400.00	$418.00	$ 18
E214	Single Family Weatherization	10936 - 2	SFWX: Sealing - Duct - Double Triple - MH - HP	18		18	0.02	SF Space Heat	3	615		$400.00	$462.66	$ 63
E214	Single Family Weatherization	10939 - 1	SFWX: Sealing - Duct - Single - MH - Zonal	18		18	0.03	SF Space Heat	3	973		$200.00	$418.00	$ 218
E214	Single Family Weatherization	10939 - 2	SFWX: Sealing - Duct - Single - MH - Zonal	18		18	0.04	SF Space Heat	4	973		$200.00	$462.66	$ 263
E214	Single Family Weatherization	10942 - 2	SFWX: Sealing - Duct - FAF	20		20	0.07	SF Space Heat	6	1,049		$300.00	$550.00	$ 250
E214	Single Family Weatherization	10944 - 2	SFWX: Sealing - Duct - HP	20		20	0.04	SF Space Heat	5	752		$300.00	$608.58	$ 309
E214	Residential Windows	10702 - 1	Windows - Double Pane - Metal Framed - Low E Sto	20		20	0.01	SF Space Heat	133	5		$50.00	$8.94	$ (41)
E214	Residential Windows	10705 - 1	SFWIN: Windows - Single Pane - to U30 - FAF	30		30	0.12	SF Space Heat	410	19		$4.16	$18.51	$ 14
E214	Residential Windows	10705 - 2	SFWIN: Windows - Single Pane - to U30 - FAF	30		30	1.14	SF Space Heat	4,451	16		$50.00	$18.51	$ (31)
E214	Residential Windows	10705 - 3	SFWIN: Windows - Single Pane - to U30 - FAF	30		30	3.08	SF Space Heat	12,047	16		$50.00	$20.50	$ (30)
E214	Residential Windows	10706 - 2	SFWIN: Windows - Single Pane - to U30 - HP	30		30	0.58	SF Space Heat	5,083	7		$50.00	$18.51	$ (31)
E214	Residential Windows	10706 - 3	SFWIN: Windows - Single Pane - to U30 - HP	30		30	1.06	SF Space Heat	9,383	7		$50.00	$20.50	$ (30)
E214	Residential Windows	10707 - 2	SFWIN: Windows - Single Pane - to U30 - Zonal	25		25	0.96	SF Space Heat	7,990	9		$50.00	$18.51	$ (31)
E214	Residential Windows	10707 - 3	SFWIN: Windows - Single Pane - to U30 - Zonal	25		25	4.59	SF Space Heat	38,102	9		$50.00	$20.50	$ (30)
E214	Residential Windows	10718 - 1	SFWIN: Windows - Single Pane - to U30 - MH	30		30	0.06	SF Space Heat	381	10		$50.00	$16.08	$ (34)
E214	Residential Windows	10718 - 2	SFWIN: Windows - Single Pane - to U30 - MH	25		25	0.20	SF Space Heat	1,515	10		$50.00	$17.81	$ (32)
E214	Residential Windows	10719 - 1	WIN: Windows - Single Pane - to U30 - Resistance -	30		30	0.03	SF Space Heat	155	10		$50.00	$16.08	$ (34)
E214	Residential Windows	10719 - 2	WIN: Windows - Single Pane - to U30 - Resistance -	25		25	0.32	SF Space Heat	2,384	10		$50.00	$17.81	$ (32)
			Program Total				**14.56**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste (but use DBtC for)	formula P*K	paste (Paste)	unused mostly	formula: S + T (Not Used - total only)	formula: S + V (Not used - total only)	paste	paste
10940 - 1	33,462			$ 6,948	$ 10,800	$ 18,000				$ 11.00	
10940 - 2	297,440			$ 62,811	$ 96,000	$ 160,000				$ -	$ -
10921 - 1	891			$ 550	$ -	$ 550				$ -	$ -
10922 - 1	162			$ 300	$ 200	$ 500				$ -	$ -
10912 - 1	15,064			$ 3,993	$ 5,064	$ 7,179				$ 0.03	
10912 - 3	66,832			$ 13,736	$ 25,879	$ 35,264					
10914 - 1	5,187			$ 1,800	$ 3,081	$ 4,368				$ 0.02	
10914 - 3	33,203			$ 11,050	$ 22,718	$ 30,957					
10915 - 1	29,287			$ 6,011	$ 10,712	$ 15,186				$ 0.03	
10915 - 2	2,346			$ 600	$ 909	$ 1,288				$ 0.03	
10915 - 3	116,268			$ 32,578	$ 48,983	$ 66,747					
10916 - 1	4,483			$ 3,578	$ 4,700	$ 7,086				$ 0.01	
10916 - 3	22,091			$ 18,344	$ 27,079	$ 38,837					
10918 - 1	233			$ 600	$ 582	$ 878				$ -	
10918 - 3	6,398			$ 10,750	$ 18,701	$ 26,821					
10919 - 1	2,779			$ 3,000	$ 4,105	$ 6,189				$ 0.03	
10919 - 2	16,001			$ 18,378	$ 27,639	$ 39,640					
12016 - 1	531			$ 223	$ 196	$ 278				$ -	
10923 - 2	3,353			$ 3,000	$ 6,124	$ 10,133					
10924 - 1	1,056			$ 1,200	$ 1,478	$ 2,640				$ -	
10924 - 2	5,303			$ 5,400	$ 9,684	$ 16,024					
10926 - 1	14,066			$ 2,725	$ 17,020	$ 18,567				$ 0.10	
10926 - 3	2,488			$ 400	$ 2,467	$ 2,691				$ 0.10	
10926 - 4	72,906			$ 12,000	$ 98,423	$ 106,443					
10928 - 1	653			$ 781	$ 4,387	$ 4,786				$ -	
10928 - 4	7,804			$ 5,800	$ 58,529	$ 63,298					
10929 - 1	18,148			$ 3,000	$ 21,319	$ 23,257				$ 0.02	
10929 - 2	1,082			$ 200	$ 949	$ 1,035				$ 0.02	
10929 - 3	1,046			$ 304	$ 1,240	$ 1,353				$ 0.02	
10929 - 4	105,065			$ 20,137	$ 137,707	$ 148,927					
10945 - 1	5,753			$ 671	$ 3,019	$ 3,586				$ 0.03	
10945 - 4	2,730			$ 400	$ 1,521	$ 1,807				$ 0.03	
10945 - 5	16,631			$ 2,400	$ 9,845	$ 11,485					
10947 - 1	1,978			$ 658	$ 2,410	$ 2,863				$ 0.01	
10947 - 4	5,819			$ 1,827	$ 8,001	$ 9,334					
10948 - 1	7,283			$ 1,720	$ 5,569	$ 6,616				$ 0.01	
10948 - 4	1,368			$ 400	$ 1,404	$ 1,668				$ 0.01	
10948 - 5	27,311			$ 8,026	$ 20,885	$ 24,812					
10909 - 5	954			$ 350	$ 126	$ 1,314				$ -	$ -
10910 - 5	2,067			$ 1,750	$ 603	$ 6,287					
10911 - 1	1,128			$ 700	$ -	$ 1,692				$ 0.01	
10911 - 5	6,427			$ 4,823	$ -	$ 9,641					
10930 - 1	1,125			$ 780	$ 884	$ 1,607				$ -	
10930 - 2	10,795			$ 6,684	$ 8,482	$ 15,421					
10932 - 1	1,490			$ 887	$ 1,171	$ 2,129				$ -	
10932 - 2	21,234			$ 11,558	$ 16,684	$ 30,334					
10935 - 1	1,946			$ 800	$ 36	$ 836				$ -	
10935 - 2	5,838			$ 2,400	$ 376	$ 2,776				$ -	$ -
10936 - 1	615			$ 400	$ 18	$ 418				$ -	
10936 - 2	1,845			$ 1,200	$ 188	$ 1,388				$ -	$ -
10939 - 1	2,919			$ 600	$ 654	$ 1,254				$ -	
10939 - 2	3,892			$ 800	$ 1,051	$ 1,851				$ -	$ -
10942 - 2	6,294			$ 1,775	$ 1,500	$ 3,300				$ -	$ -
10944 - 2	3,760			$ 1,500	$ 1,543	$ 3,043				$ -	$ -
10702 - 1	608			$ 250	$ 939	$ 1,189				$ 0.07	
10705 - 1	7,592			$ 71	$ 7,518	$ 7,588				$ 0.23	
10705 - 2	70,326			$ 12,179	$ 70,209	$ 82,389				$ 0.23	
10705 - 3	190,344			$ 32,000	$ 214,965	$ 246,965				$ 0.24	
10706 - 2	35,529			$ 14,400	$ 79,684	$ 94,084				$ 0.10	
10706 - 3	65,588			$ 24,550	$ 167,804	$ 192,354				$ 0.10	
10707 - 2	71,267			$ 23,200	$ 124,688	$ 147,888				$ 0.13	
10707 - 3	339,873			$ 100,350	$ 680,749	$ 781,099				$ 0.13	
10718 - 1	3,807			$ 1,700	$ 4,422	$ 6,122				$ 0.06	
10718 - 2	15,120			$ 5,100	$ 21,883	$ 26,983				$ 0.07	
10719 - 1	1,583			$ 1,150	$ 1,346	$ 2,496				$ 0.06	
10719 - 2	23,790			$ 8,200	$ 34,256	$ 42,456				$ 0.07	
Program Total	**1,852,256**	**0%**	**$ 404,129**	**$ 532,961**	**$ 752,642**	**$ 1,004,384**	**$ -**	**$ 937,090**	**$ 1,408,514**		

Measure Version	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	Total PV Costs UCT formula: U/(1+ElecDiscountRate)^1	Total PV Costs TRC formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR								Total Benefits UCT formula: Logic to lookup from AC tables and adjust	Total Benefits TRC Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10940 - 1	$ -	$ -	$ 1,978	$ -	1.746661	$ 58,446.77	1.746661	$ -	$ 58,447	$ -	$ 58,447	$ 58,447	$ 66,269		
10940 - 2	$ -	$ -	$ -	$ -	1.746661	$ 519,527	1.746661	$ -	$ 519,527	$ -	$ 519,527	$ 519,527	$ 571,479		
10921 - 1	$ -	$ -	$ -	$ -	0.637392	$ 568	0.637392	$ -	$ 568	$ -	$ 568	$ 568	$ 625		
10922 - 1	$ -	$ -	$ -	$ -	0.637392	$ 103	0.637392	$ -	$ 103	$ -	$ 103	$ 103	$ 114		
10912 - 1	$ -	$ -	$ 2,213	$ -	2.206752	$ 33,241	2.206752	$ -	$ 33,241	$ -	$ 33,241	$ 33,241	$ 38,778		
10912 - 3	$ -	$ -	$ -	$ -	2.206752	$ 147,481	2.206752	$ -	$ 147,481	$ -	$ 147,481	$ 147,481	$ 162,229		
10914 - 1	$ -	$ -	$ 898	$ -	2.206752	$ 11,446	2.206752	$ -	$ 11,446	$ -	$ 11,446	$ 11,446	$ 13,489		
10914 - 3	$ -	$ -	$ -	$ -	2.206752	$ 73,272	2.206752	$ -	$ 73,272	$ -	$ 73,272	$ 73,272	$ 80,599		
10915 - 1	$ -	$ -	$ 4,681	$ -	2.206752	$ 64,630	2.206752	$ -	$ 64,630	$ -	$ 64,630	$ 64,630	$ 75,774		
10915 - 2	$ -	$ -	$ 397	$ -	2.206752	$ 5,177	2.206752	$ -	$ 5,177	$ -	$ 5,177	$ 5,177	$ 6,092		
10915 - 3	$ -	$ -	$ -	$ -	2.206752	$ 256,576	2.206752	$ -	$ 256,576	$ -	$ 256,576	$ 256,576	$ 282,233		
10916 - 1	$ -	$ -	$ 832	$ -	2.206752	$ 9,893	2.206752	$ -	$ 9,893	$ -	$ 9,893	$ 9,893	$ 11,715		
10916 - 3	$ -	$ -	$ -	$ -	2.206752	$ 48,748	2.206752	$ -	$ 48,748	$ -	$ 48,748	$ 48,748	$ 53,623		
10918 - 1	$ -	$ -	$ -	$ -	2.206752	$ 514	2.206752	$ -	$ 514	$ -	$ 514	$ 514	$ 565		
10918 - 3	$ -	$ -	$ -	$ -	2.206752	$ 14,118	2.206752	$ -	$ 14,118	$ -	$ 14,118	$ 14,118	$ 15,530		
10919 - 1	$ -	$ -	$ 2,180	$ -	2.206752	$ 6,132	2.206752	$ -	$ 6,132	$ -	$ 6,132	$ 6,132	$ 8,925		
10919 - 2	$ -	$ -	$ -	$ -	2.206752	$ 35,311	2.206752	$ -	$ 35,311	$ -	$ 35,311	$ 35,311	$ 38,842		
12016 - 1	$ -	$ -	$ -	$ -	2.206752	$ 1,171	2.206752	$ -	$ 1,171	$ -	$ 1,171	$ 1,171	$ 1,288		
10923 - 2	$ -	$ -	$ -	$ -	1.983678	$ 6,652	1.983678	$ -	$ 6,652	$ -	$ 6,652	$ 6,652	$ 7,317		
10924 - 1	$ -	$ -	$ -	$ -	1.983678	$ 2,095	1.983678	$ -	$ 2,095	$ -	$ 2,095	$ 2,095	$ 2,304		
10924 - 2	$ -	$ -	$ -	$ -	1.983678	$ 10,519	1.983678	$ -	$ 10,519	$ -	$ 10,519	$ 10,519	$ 11,571		
10926 - 1	$ -	$ -	$ 16,185	$ -	2.206752	$ 31,040	2.206752	$ -	$ 31,040	$ -	$ 31,040	$ 31,040	$ 50,329		
10926 - 3	$ -	$ -	$ 2,346	$ -	2.206752	$ 5,489	2.206752	$ -	$ 5,489	$ -	$ 5,489	$ 5,489	$ 8,385		
10926 - 4	$ -	$ -	$ -	$ -	2.206752	$ 160,885	2.206752	$ -	$ 160,885	$ -	$ 160,885	$ 160,885	$ 176,974		
10928 - 1	$ -	$ -	$ -	$ -	2.206752	$ 1,440	2.206752	$ -	$ 1,440	$ -	$ 1,440	$ 1,440	$ 1,584		
10928 - 4	$ -	$ -	$ -	$ -	2.206752	$ 17,221	2.206752	$ -	$ 17,221	$ -	$ 17,221	$ 17,221	$ 18,943		
10929 - 1	$ -	$ -	$ 4,055	$ -	2.206752	$ 40,047	2.206752	$ -	$ 40,047	$ -	$ 40,047	$ 40,047	$ 48,107		
10929 - 2	$ -	$ -	$ 180	$ -	2.206752	$ 2,388	2.206752	$ -	$ 2,388	$ -	$ 2,388	$ 2,388	$ 2,807		
10929 - 3	$ -	$ -	$ 236	$ -	2.206752	$ 2,307	2.206752	$ -	$ 2,307	$ -	$ 2,307	$ 2,307	$ 2,774		
10929 - 4	$ -	$ -	$ -	$ -	2.206752	$ 231,853	2.206752	$ -	$ 231,853	$ -	$ 231,853	$ 231,853	$ 255,038		
10945 - 1	$ -	$ -	$ 891	$ -	2.206752	$ 12,696	2.206752	$ -	$ 12,696	$ -	$ 12,696	$ 12,696	$ 14,857		
10945 - 4	$ -	$ -	$ 449	$ -	2.206752	$ 6,024	2.206752	$ -	$ 6,024	$ -	$ 6,024	$ 6,024	$ 7,076		
10945 - 5	$ -	$ -	$ -	$ -	2.206752	$ 36,701	2.206752	$ -	$ 36,701	$ -	$ 36,701	$ 36,701	$ 40,371		
10947 - 1	$ -	$ -	$ 237	$ -	2.206752	$ 4,364	2.206752	$ -	$ 4,364	$ -	$ 4,364	$ 4,364	$ 5,038		
10947 - 4	$ -	$ -	$ -	$ -	2.206752	$ 12,840	2.206752	$ -	$ 12,840	$ -	$ 12,840	$ 12,840	$ 14,124		
10948 - 1	$ -	$ -	$ 548	$ -	2.206752	$ 16,071	2.206752	$ -	$ 16,071	$ -	$ 16,071	$ 16,071	$ 18,226		
10948 - 4	$ -	$ -	$ 138	$ -	2.206752	$ 3,019	2.206752	$ -	$ 3,019	$ -	$ 3,019	$ 3,019	$ 3,459		
10948 - 5	$ -	$ -	$ -	$ -	2.206752	$ 60,268	2.206752	$ -	$ 60,268	$ -	$ 60,268	$ 60,268	$ 66,294		
10909 - 5	$ -	$ -	$ -	$ -	1.465887	$ 1,398	1.465887	$ -	$ 1,398	$ -	$ 1,398	$ 1,398	$ 1,538		
10910 - 5	$ -	$ -	$ -	$ -	1.465887	$ 3,030	1.465887	$ -	$ 3,030	$ -	$ 3,030	$ 3,030	$ 3,333		
10911 - 1	$ -	$ -	$ 222	$ -	1.465887	$ 1,653	1.465887	$ -	$ 1,653	$ -	$ 1,653	$ 1,653	$ 2,041		
10911 - 5	$ -	$ -	$ -	$ -	1.465887	$ 9,421	1.465887	$ -	$ 9,421	$ -	$ 9,421	$ 9,421	$ 10,364		
10930 - 1	$ -	$ -	$ -	$ -	2.206752	$ 2,483	2.206752	$ -	$ 2,483	$ -	$ 2,483	$ 2,483	$ 2,731		
10930 - 2	$ -	$ -	$ -	$ -	2.206752	$ 23,822	2.206752	$ -	$ 23,822	$ -	$ 23,822	$ 23,822	$ 26,204		
10932 - 1	$ -	$ -	$ -	$ -	2.206752	$ 3,288	2.206752	$ -	$ 3,288	$ -	$ 3,288	$ 3,288	$ 3,617		
10932 - 2	$ -	$ -	$ -	$ -	2.206752	$ 46,857	2.206752	$ -	$ 46,857	$ -	$ 46,857	$ 46,857	$ 51,543		
10935 - 1	$ -	$ -	$ -	$ -	1.643381	$ 3,198	1.643381	$ -	$ 3,198	$ -	$ 3,198	$ 3,198	$ 3,518		
10935 - 2	$ -	$ -	$ -	$ -	1.643381	$ 9,594	1.643381	$ -	$ 9,594	$ -	$ 9,594	$ 9,594	$ 10,553		
10936 - 1	$ -	$ -	$ -	$ -	1.643381	$ 1,011	1.643381	$ -	$ 1,011	$ -	$ 1,011	$ 1,011	$ 1,112		
10936 - 2	$ -	$ -	$ -	$ -	1.643381	$ 3,032	1.643381	$ -	$ 3,032	$ -	$ 3,032	$ 3,032	$ 3,335		
10939 - 1	$ -	$ -	$ -	$ -	1.643381	$ 4,797	1.643381	$ -	$ 4,797	$ -	$ 4,797	$ 4,797	$ 5,277		
10939 - 2	$ -	$ -	$ -	$ -	1.643381	$ 6,396	1.643381	$ -	$ 6,396	$ -	$ 6,396	$ 6,396	$ 7,036		
10942 - 2	$ -	$ -	$ -	$ -	1.746661	$ 10,993	1.746661	$ -	$ 10,993	$ -	$ 10,993	$ 10,993	$ 12,093		
10944 - 2	$ -	$ -	$ -	$ -	1.746661	$ 6,567	1.746661	$ -	$ 6,567	$ -	$ 6,567	$ 6,567	$ 7,224		
10702 - 1	$ -	$ -	$ 93	$ -	1.746661	$ 1,062	1.746661	$ -	$ 1,062	$ -	$ 1,062	$ 1,062	$ 1,261		
10705 - 1	$ -	$ -	$ 1,085	$ -	2.206752	$ 16,755	2.206752	$ -	$ 16,755	$ -	$ 16,755	$ 16,755	$ 19,515		
10705 - 2	$ -	$ -	$ 11,780	$ -	2.206752	$ 155,193	2.206752	$ -	$ 155,193	$ -	$ 155,193	$ 155,193	$ 182,492		
10705 - 3	$ -	$ -	$ 32,576	$ -	2.206752	$ 420,041	2.206752	$ -	$ 420,041	$ -	$ 420,041	$ 420,041	$ 494,621		
10706 - 2	$ -	$ -	$ 5,849	$ -	2.206752	$ 78,405	2.206752	$ -	$ 78,405	$ -	$ 78,405	$ 78,405	$ 92,094		
10706 - 3	$ -	$ -	$ 10,257	$ -	2.206752	$ 144,736	2.206752	$ -	$ 144,736	$ -	$ 144,736	$ 144,736	$ 169,467		
10707 - 2	$ -	$ -	$ 11,309	$ -	1.983678	$ 141,372	1.983678	$ -	$ 141,372	$ -	$ 141,372	$ 141,372	$ 166,818		
10707 - 3	$ -	$ -	$ 55,176	$ -	1.983678	$ 674,199	1.983678	$ -	$ 674,199	$ -	$ 674,199	$ 674,199	$ 796,794		
10718 - 1	$ -	$ -	$ 263	$ -	2.206752	$ 8,402	2.206752	$ -	$ 8,402	$ -	$ 8,402	$ 8,402	$ 9,505		
10718 - 2	$ -	$ -	$ 1,105	$ -	1.983678	$ 29,993	1.983678	$ -	$ 29,993	$ -	$ 29,993	$ 29,993	$ 34,098		
10719 - 1	$ -	$ -	$ 107	$ -	2.206752	$ 3,494	2.206752	$ -	$ 3,494	$ -	$ 3,494	$ 3,494	$ 3,950		
10719 - 2	$ -	$ -	$ 1,739	$ -	1.983678	$ 47,193	1.983678	$ -	$ 47,193	$ -	$ 47,193	$ 47,193	$ 53,651		
Program Total	**$ 869,528**	**$ 1,306,963**	**$ 38,664**									**$ 2,087,819**	**$ 2,335,266**	**2.40**	**1.79**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only | Not used - total only

Total PV Costs UCT | Total PV Costs TRC

Total Benefits UCT | Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E214	Electric Home Heating	10698 - 1	SFEH: Heat Pump Sizing and Lock Out Control	20		20	0.00	SF Heat Pump	1	1,447		$300.00	$350.00	$ 50
E214	Electric Home Heating	10698 - 3	SFEH: Heat Pump Sizing and Lock Out Control	15		15	0.87	SF Heat Pump	735	630		$300.00	$512.00	$ 212
E214	Electric Home Heating	10692 - 3	SFEH: Ductless Heat Pump	15		15	1.19	SF Heat Pump	240	2,645		$1,200.00	$3,536.00	$ 2,336
E214	Electric Home Heating	10692 - 4	SFEH: Ductless Heat Pump	15		15	2.35	SF Heat Pump	473	2,659		$1,200.00	$3,536.00	$ 2,336
E214	Electric Home Heating	10692 - 5	SFEH: Ductless Heat Pump	15		15	3.17	SF Heat Pump	638	2,659		$800.00	$3,536.00	$ 2,736
E214	Electric Home Heating	10693 - 2	SFEH: Ductless Heat Pump - Manufactured Home	15		15	0.06	SF Heat Pump	10	3,447		$1,200.00	$3,536.00	$ 2,336
E214	Electric Home Heating	10693 - 3	SFEH: Ductless Heat Pump - Manufactured Home	15		15	0.21	SF Heat Pump	34	3,343		$1,200.00	$3,536.00	$ 2,336
E214	Electric Home Heating	10693 - 4	SFEH: Ductless Heat Pump - Manufactured Home	15		15	0.61	SF Heat Pump	97	3,343		$1,200.00	$3,536.00	$ 2,336
E214	Electric Home Heating	11238 - 1	SFEH: Ductless Heat Pump - ASHP Tier 2 Savings	15		15	0.00	SF Heat Pump	5	106		$350.00	$81.00	$ (269)
E214	Electric Home Heating	11238 - 2	SFEH: Ductless Heat Pump - ASHP Tier 2 Savings	15		15	0.01	SF Heat Pump	55	109		$350.00	$81.00	$ (269)
E214	Electric Home Heating	11239 - 1	SFEH: Ductless Heat Pump - ASHP Tier 3 Savings	20		20	1.87	SF Heat Pump	801	939		$800.00	$1,688.00	$ 888
E214	Electric Home Heating	10694 - 1	SFEH: Geothermal Heat Pump - Energy Star	30		30	0.14	SF Heat Pump	9	4,037		$1,500.00	$3,889.00	$ 2,389
E214	Electric Home Heating	10695 - 2	H: Heat Pump - Energy Star Tier 2 - 9.0 HSPF - 14 S	20		20	0.00	SF Heat Pump	1	128		$350.00	$51.00	$ (299)
E214	Electric Home Heating	10695 - 3	H: Heat Pump - Energy Star Tier 2 - 9.0 HSPF - 14 S	15		15	0.02	SF Heat Pump	97	106		$350.00	$81.00	$ (269)
E214	Electric Home Heating	10695 - 4	H: Heat Pump - Energy Star Tier 2 - 9.0 HSPF - 14 S	15		15	0.12	SF Heat Pump	590	109		$350.00	$81.00	$ (269)
E214	Electric Home Heating	10696 - 1	H: Heat Pump - Energy Star Tier 3 - 10.0 HSPF - 16 S	20		20	1.65	SF Heat Pump	707	939		$800.00	$1,688.00	$ 888
E214	Electric Home Heating	10697 - 1	leat Pump Conversion - FAF - 8.5 or greater HSPF -	20		20	0.01	SF Heat Pump	1	5,176		$1,500.00	$5,663.00	$ 4,163
E214	Electric Home Heating	10697 - 3	leat Pump Conversion - FAF - 8.5 or greater HSPF -	15		15	3.67	SF Heat Pump	557	3,528		$1,500.00	$2,881.00	$ 1,381
			Program Total				**15.95**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
10698 - 1	1,447			$ 300	$ 50	$ 350						$ -	$ -	$ -	$ -
10698 - 3	463,050			$ 220,500	$ 155,820	$ 376,320				$ -		$ -	$ -	$ -	$ -
10692 - 3	634,800			$ 288,000	$ 560,640	$ 848,640				$ -		$ -	$ -	$ -	$ -
10692 - 4	1,257,707			$ 567,600	$ 1,104,928	$ 1,672,528				$ -		$ -	$ -	$ -	$ -
10692 - 5	1,696,442			$ 510,550	$ 1,745,568	$ 2,255,968				$ -		$ -	$ -	$ -	$ -
10693 - 2	34,470			$ 12,000	$ 23,360	$ 35,360				$ -		$ -	$ -	$ -	$ -
10693 - 3	113,662			$ 40,800	$ 79,424	$ 120,224				$ -		$ -	$ -	$ -	$ -
10693 - 4	324,271			$ 116,400	$ 226,592	$ 342,992				$ -		$ -	$ -	$ -	$ -
11238 - 1	530			$ 1,750	$ (1,345)	$ 405				$ -		$ -	$ -	$ -	$ -
11238 - 2	5,995			$ 19,250	$ (14,795)	$ 4,455				$ -		$ -	$ -	$ -	$ -
11239 - 1	752,139			$ 640,800	$ 711,288	$ 1,352,088				$ -		$ -	$ -	$ -	$ -
10694 - 1	36,333			$ 13,500	$ 21,501	$ 35,001				$ -	$ -	$ -	$ -	$ -	$ -
10695 - 2	128			$ 350	$ (299)	$ 51						$ -	$ -	$ -	$ -
10695 - 3	10,282			$ 33,950	$ (26,093)	$ 7,857				$ -		$ -	$ -	$ -	$ -
10695 - 4	64,310			$ 206,500	$ (158,710)	$ 47,790				$ -		$ -	$ -	$ -	$ -
10696 - 1	663,873			$ 565,600	$ 627,816	$ 1,193,416				$ -		$ -	$ -	$ -	$ -
10697 - 1	5,176			$ 1,500	$ 4,163	$ 5,663						$ -	$ -	$ -	$ -
10697 - 3	1,965,096			$ 835,500	$ 769,217	$ 1,604,717				$ -		$ -	$ -	$ -	$ -
Program Total	**8,029,711**	**0%**	**$ 303,556**	**$ 4,072,500**	**$ 5,829,125**	**$ 9,903,825**	**$ -**	**$ 4,376,056**	**$ 10,207,381**			**$ 4,060,551**	**$ 9,471,450**	**$ -**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10698 - 1	1.643830	$ 2,378.62	1.643830	$ -	$ 2,379	$ -	$ 2,379	$ 2,379	$ 2,616		
10698 - 3	1.377420	$ 637,814	1.377420	$ -	$ 637,814	$ -	$ 637,814	$ 637,814	$ 701,596		
10692 - 3	1.377420	$ 874,386	1.377420	$ -	$ 874,386	$ -	$ 874,386	$ 874,386	$ 961,825		
10692 - 4	1.377420	$ 1,732,390	1.377420	$ -	$ 1,732,390	$ -	$ 1,732,390	$ 1,732,390	$ 1,905,629		
10692 - 5	1.377420	$ 2,336,713	1.377420	$ -	$ 2,336,713	$ -	$ 2,336,713	$ 2,336,713	$ 2,570,384		
10693 - 2	1.377420	$ 47,480	1.377420	$ -	$ 47,480	$ -	$ 47,480	$ 47,480	$ 52,228		
10693 - 3	1.377420	$ 156,560	1.377420	$ -	$ 156,560	$ -	$ 156,560	$ 156,560	$ 172,216		
10693 - 4	1.377420	$ 446,657	1.377420	$ -	$ 446,657	$ -	$ 446,657	$ 446,657	$ 491,323		
11238 - 1	1.377420	$ 730	1.377420	$ -	$ 730	$ -	$ 730	$ 730	$ 803		
11238 - 2	1.377420	$ 8,258	1.377420	$ -	$ 8,258	$ -	$ 8,258	$ 8,258	$ 9,083		
11239 - 1	1.643830	$ 1,236,389	1.643830	$ -	$ 1,236,389	$ -	$ 1,236,389	$ 1,236,389	$ 1,360,028		
10694 - 1	1.994949	$ 72,482	1.994949	$ -	$ 72,482	$ -	$ 72,482	$ 72,482	$ 79,731		
10695 - 2	1.643830	$ 210	1.643830	$ -	$ 210	$ -	$ 210	$ 210	$ 231		
10695 - 3	1.377420	$ 14,163	1.377420	$ -	$ 14,163	$ -	$ 14,163	$ 14,163	$ 15,579		
10695 - 4	1.377420	$ 88,582	1.377420	$ -	$ 88,582	$ -	$ 88,582	$ 88,582	$ 97,440		
10696 - 1	1.643830	$ 1,091,294	1.643830	$ -	$ 1,091,294	$ -	$ 1,091,294	$ 1,091,294	$ 1,200,424		
10697 - 1	1.643830	$ 8,508	1.643830	$ -	$ 8,508	$ -	$ 8,508	$ 8,508	$ 9,359		
10697 - 3	1.377420	$ 2,706,762	1.377420	$ -	$ 2,706,762	$ -	$ 2,706,762	$ 2,706,762	$ 2,977,438		
Program Total								**$ 11,461,758**	**$ 12,607,934**	**2.82**	**1.33**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E214	Retail Appliances	10091 - 1	RETAP: Clothes Dryer - Vented	12		12	0.00	Res Plug Load	10	183		$150.00	$554.52	$ 405
E214	Retail Appliances	10091 - 2	RETAP: Clothes Dryer - Vented	12		12	0.00	Res Plug Load	2	183		$150.00	$614.05	$ 464
E214	Retail Appliances	10092 - 1	RETAP: Clothes Dryer - Ventless	12		12	0.00	Res Plug Load	3	228		$150.00	$554.52	$ 405
E214	Retail Appliances	10092 - 2	RETAP: Clothes Dryer - Ventless	12		12	0.05	Res Plug Load	121	228		$150.00	$614.05	$ 464
E214	Retail Appliances	12012 - 1	RETAP: Clothes Dryer - Vented - Energy Star	12		12	0.27	Res Plug Load	1,461	93		$75.00	$50.98	$ (24)
E214	Retail Appliances	12013 - 1	RETAP: Clothes Dryer - Ventless - Energy Star	12		12	0.00	Res Plug Load	1	141		$75.00	$385.93	$ 311
E214	Appliance Replacement	10619 - 1	Clothes Washer - Replacement - EWH - E Dryer - Fr	11		11	0.37	Res Water Heat	239	848		$700.00	$700.00	$ -
E214	Appliance Replacement	10620 - 1	Clothes Washer - Replacement - EWH - E Dryer - T	11		11	1.14	Res Water Heat	773	809		$650.00	$650.00	$ -
E214	Retail Appliances	10611 - 1	othes Washer - CEE Tier 1 - Any WH - Any Dryer - Fr	14		14	0.02	Res Water Heat	83	82		$25.00	$80.00	$ 55
E214	Retail Appliances	10612 - 1	thes Washer - CEE Tier 1 - Any WH - Any Dryer - Fro	14		14	0.01	Res Water Heat	76	82		$25.00	$80.00	$ 55
E214	Retail Appliances	10613 - 1	othes Washer - CEE Tier 1 - Any WH - Any Dryer - T	14		14	0.01	Res Water Heat	94	65		$25.00	$125.00	$ 100
E214	Retail Appliances	10614 - 1	othes Washer - CEE Tier 1 - Any WH - Any Dryer - To	14		14	0.01	Res Water Heat	67	65		$25.00	$125.00	$ 100
E214	Retail Appliances	10615 - 1	AP: Clothes Washer - CEE Tier 2 - Any WH - Any Dry	14		14	0.07	Res Water Heat	267	114		$50.00	$125.00	$ 75
E214	Retail Appliances	10616 - 1	P: Clothes Washer - CEE Tier 2 - Any WH - Any Drye	14		14	0.05	Res Water Heat	180	114		$50.00	$125.00	$ 75
E214	Retail Appliances	10617 - 1	AP: Clothes Washer - CEE Tier 3 - Any WH - Any Dry	14		14	0.14	Res Water Heat	437	134		$75.00	$124.00	$ 49
E214	Retail Appliances	10618 - 1	P: Clothes Washer - CEE Tier 3 - Any WH - Any Drye	14		14	0.10	Res Water Heat	314	134		$75.00	$124.00	$ 49
E214	Retail Appliances	12010 - 1	AP: Clothes Washer - Energy Star - Any WH - Any Dry	14		14	0.89	Res Water Heat	6,019	64		$75.00	$27.87	$ (47)
E214	Retail Appliances	12011 - 1	P: Clothes Washer - Energy Star - Any WH - Any Dry	14		14	0.75	Res Water Heat	5,037	64		$75.00	$27.87	$ (47)
E214	Appliance Decommissioning	10113 - 3	APPD: Freezer - Decommissioned	5		5	0.04	Res Refrigerator	78	570		$113.00	$113.00	$ -
E214	Appliance Decommissioning	10113 - 4	APPD: Freezer - Decommissioned	5		5	0.35	Res Refrigerator	946	444		$111.00	$125.99	$ 15
E214	Retail Appliances	10103 - 2	RETAP: Freezer - Energy Star	22		22	0.01	Res Refrigerator	88	23		$25.00	$41.00	$ 16
E214	Retail Appliances	10103 - 3	RETAP: Freezer - Energy Star	22		22	0.04	Res Refrigerator	490	23		$25.00	$45.20	$ 20
E214	Appliance Decommissioning	10114 - 3	APPD: Refrigerator - Decommissioned	7		7	0.13	Res Refrigerator	325	356		$113.00	$113.00	$ -
E214	Appliance Decommissioning	10114 - 4	APPD: Refrigerator - Decommissioned	7		7	1.09	Res Refrigerator	3,258	289		$111.00	$199.50	$ 89
E214	Appliance Replacement	10109 - 3	APPR: Refrigerator Replacement - Year 1 to 14	14		14	0.45	Res Refrigerator	395	494		$600.00	$600.00	$ -
E214	Appliance Replacement	10110 - 3	APPR: Refrigerator Replacement - Year 15 to 20	20		20	0.01	Res Refrigerator	395	9		$100.00	$100.00	$ -
E214	Retail Appliances	10104 - 2	RETAP: Refrigerator - CEE Tier 1	17		17	0.02	Res Refrigerator	819	9		$25.00	$27.00	$ 2
E214	Retail Appliances	10105 - 2	RETAP: Refrigerator - CEE Tier 2	17		17	0.00	Res Refrigerator	18	42		$50.00	$122.00	$ 72
E214	Retail Appliances	10106 - 3	RETAP: Refrigerator - CEE Tier 3	17		17	0.01	Res Refrigerator	26	98		$75.00	$211.00	$ 136
E214	Retail Appliances	12009 - 1	RETAP: Refrigerator - Energy Star	15		15	0.63	Res Refrigerator	6,472	39		$75.00	$100.23	$ 25
E214	Advanced Power Strips	10077 - 2	APS: Power Strip - Advanced	5		5	0.85	Res Plug Load	4,777	216		$45.00	$37.00	$ (8)
E214	Advanced Power Strips	10078 - 2	APS: Power Strip - Advanced - NQC	5		5	0.00	Res Plug Load	493	0		$45.00	$37.00	$ (8)
E214	Appliance Decommissioning	10115 - 4	APPD: Lamp - LED - Engagement	12		12	0.01	Res Lighting	363	11		$7.06	$7.06	$ -
E214	Appliance Decommissioning	10115 - 5	APPD: Lamp - LED - Engagement	12		12	0.09	Res Lighting	3,832	11		$2.00	$1.59	$ (0)
E214	Appliance Replacement	10108 - 4	APPR: Lamp - LED - Engagement	12		12	0.01	Res Lighting	271	11		$7.06	$7.06	$ -
E214	Appliance Replacement	10108 - 5	APPR: Lamp - LED - Engagement	12		12	0.02	Res Lighting	1,092	11		$2.00	$1.59	$ (0)
E214	Appliance Decommissioning	10768 - 1	PD: Aerator - Bath - Engagement - EO - Any WH - 1.0	10		10	0.20	Res Water Heat	3,918	31		$2.00	$2.00	$ -
E214	Appliance Decommissioning	10769 - 1	PD: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.02	Res Water Heat	432	26		$1.70	$1.00	$ (1)
E214	Appliance Decommissioning	10769 - 2	PD: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.17	Res Water Heat	4,040	26		$1.70	$1.00	$ (1)
E214	Appliance Decommissioning	10770 - 1	): Aerator - Kitchen - Engagement - EO - Any WH - 1.	10		10	0.06	Res Water Heat	1,959	18		$2.00	$2.00	$ -
E214	Appliance Decommissioning	10771 - 1	D: Aerator - Kitchen - Engagement - C - Any WH - 1.5	10		10	0.01	Res Water Heat	216	15		$1.70	$1.00	$ (1)
E214	Appliance Decommissioning	10771 - 2	D: Aerator - Kitchen - Engagement - C - Any WH - 1.5	10		10	0.05	Res Water Heat	2,020	15		$1.70	$1.00	$ (1)
E214	Appliance Replacement	10772 - 1	PR: Aerator - Bath - Engagement - EO - Any WH - 1.0	10		10	0.11	Res Water Heat	2,122	31		$2.00	$2.00	$ -
E214	Appliance Replacement	10773 - 1	PR: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.01	Res Water Heat	192	26		$1.70	$1.00	$ (1)
E214	Appliance Replacement	10773 - 2	PR: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.02	Res Water Heat	414	26		$1.70	$1.00	$ (1)
E214	Appliance Replacement	10774 - 1	R: Aerator - Kitchen - Engagement - EO - Any WH - 1.	10		10	0.03	Res Water Heat	1,061	18		$2.00	$2.00	$ -
E214	Appliance Replacement	10775 - 1	R: Aerator - Kitchen - Engagement - C - Any WH - 1.5	10		10	0.00	Res Water Heat	96	15		$1.70	$1.00	$ (1)
E214	Appliance Replacement	10775 - 2	R: Aerator - Kitchen - Engagement - C - Any WH - 1.5	10		10	0.01	Res Water Heat	207	15		$1.70	$1.00	$ (1)
E214	Appliance Decommissioning	10116 - 3	APPD: Showerhead - Engagement - C - 1.5 gpm	10		10	0.04	Res Water Heat	216	103		$6.67	$6.67	$ -
E214	Appliance Decommissioning	10116 - 4	APPD: Showerhead - Engagement - C - 1.5 gpm	10		10	0.36	Res Water Heat	2,020	109		$6.67	$6.67	$ -
E214	Appliance Decommissioning	10117 - 2	APPD: Showerhead - Engagement - EO - 1.5 gpm	10		10	0.03	Res Water Heat	147	125		$10.00	$10.00	$ -
E214	Appliance Decommissioning	10117 - 3	APPD: Showerhead - Engagement - EO - 1.5 gpm	10		10	0.40	Res Water Heat	1,812	132		$10.00	$10.00	$ -
E214	Appliance Replacement	10111 - 3	APPR: Showerhead - Engagement - C - 1.5 gpm	10		10	0.02	Res Water Heat	96	103		$6.67	$6.67	$ -
E214	Appliance Replacement	10111 - 4	APPR: Showerhead - Engagement - C - 1.5 gpm	10		10	0.04	Res Water Heat	207	109		$6.67	$6.67	$ -
E214	Appliance Replacement	10112 - 2	APPR: Showerhead - Engagement - EO - 1.5 gpm	10		10	0.04	Res Water Heat	175	125		$10.00	$10.00	$ -
E214	Appliance Replacement	10112 - 3	APPR: Showerhead - Engagement - EO - 1.5 gpm	10		10	0.19	Res Water Heat	886	132		$10.00	$10.00	$ -
			Program Total				**9.42**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: PV(ElecDiscountRat	formula: - PV(ElecDiscountR
10091 - 1	1,830			$ 1,500	$ 4,045	$ 5,545				$ (0.38)		$ -	$ -	$ (29)	$ -
10091 - 2	366			$ 300	$ 928	$ 1,228				$ (0.42)		$ -	$ -	$ (6)	$ -
10092 - 1	684			$ 450	$ 1,214	$ 1,664				$ 5.21		$ -	$ -	$ 119	$ -
10092 - 2	27,588			$ 27,600	$ 46,700	$ 74,300				$ 5.77		$ -	$ -	$ 5,325	$ -
12012 - 1	135,873			$ 219,000	$ (144,518)	$ 74,482				$ (0.34)		$ -	$ -	$ (3,788)	$ -
12013 - 1	141			$ 150	$ 236	$ 386				$ 6.49		$ -	$ -	$ 49	$ -
10619 - 1	202,672			$ 133,103	$ 34,197	$ 167,300				$ 20.31		$ -	$ -	$ 35,043	$ -
10620 - 1	625,357			$ 412,910	$ 89,540	$ 502,450				$ 6.37		$ -	$ -	$ 35,548	$ -
10611 - 1	6,806			$ 2,075	$ 4,565	$ 6,640				$ 16.18		$ -	$ -	$ 11,221	$ -
10612 - 1	6,232			$ 1,900	$ 4,180	$ 6,080				$ 16.18		$ -	$ -	$ 10,275	$ -
10613 - 1	6,110			$ 2,450	$ 9,300	$ 11,750				$ 6.37		$ -	$ -	$ 5,003	$ -
10614 - 1	4,355			$ 1,725	$ 6,650	$ 8,375				$ 6.37		$ -	$ -	$ 3,566	$ -
10615 - 1	30,438			$ 13,325	$ 20,050	$ 33,375				$ 20.31		$ -	$ -	$ 45,310	$ -
10616 - 1	20,520			$ 9,000	$ 13,500	$ 22,500				$ 20.31		$ -	$ -	$ 30,546	$ -
10617 - 1	58,558			$ 32,712	$ 21,476	$ 54,188				$ 22.49		$ -	$ -	$ 82,119	$ -
10618 - 1	42,076			$ 23,500	$ 15,436	$ 38,936				$ 22.49		$ -	$ -	$ 59,006	$ -
12010 - 1	385,216			$ 534,200	$ (366,450)	$ 167,750				$ 11.61		$ -	$ -	$ 583,889	$ -
12011 - 1	322,368			$ 480,975	$ (340,594)	$ 140,381				$ 11.61		$ -	$ -	$ 488,627	$ -
10113 - 3	44,460			$ 1,950	$ 6,864	$ 8,814				$ 8.74		$ -	$ -	$ 2,738	$ -
10113 - 4	420,024			$ 33,900	$ 85,287	$ 119,187				$ 9.64		$ -	$ -	$ 36,633	$ -
10103 - 2	2,024			$ 2,200	$ 1,408	$ 3,608				$ -		$ -	$ -	$ -	$ -
10103 - 3	11,270			$ 12,675	$ 9,473	$ 22,148				$ -		$ -	$ -	$ -	$ -
10114 - 3	115,700			$ 8,125	$ 28,600	$ 36,725				$ 7.12		$ -	$ -	$ 12,143	$ -
10114 - 4	941,562			$ 115,775	$ 534,196	$ 649,971				$ 7.88		$ -	$ -	$ 134,721	$ -
10109 - 3	195,130			$ 196,266	$ 40,734	$ 237,000				$ -		$ -	$ -	$ -	$ -
10110 - 3	3,555			$ 29,327	$ 10,173	$ 39,500				$ -		$ -	$ -	$ -	$ -
10104 - 2	7,371			$ 20,725	$ 1,388	$ 22,113				$ -		$ -	$ -	$ -	$ -
10105 - 2	756			$ 900	$ 1,296	$ 2,196				$ -		$ -	$ -	$ -	$ -
10106 - 3	2,548			$ 1,950	$ 3,536	$ 5,486				$ -		$ -	$ -	$ -	$ -
12009 - 1	252,408			$ 561,380	$ 87,309	$ 648,689				$ -		$ -	$ -	$ -	$ -
10077 - 2	1,031,882			$ 225,225	$ (10,250)	$ 214,975				$ -		$ -	$ -	$ -	$ -
10078 - 2	0			$ 22,185	$ -	$ 22,185				$ -		$ -	$ -	$ -	$ -
10115 - 4	4,109			$ 1,209	$ 1,354	$ 2,563				$ -		$ -	$ -	$ -	$ -
10115 - 5	43,378			$ 12,761	$ (6,668)	$ 6,093				$ -		$ -	$ -	$ -	$ -
10108 - 4	3,068			$ 902	$ 1,011	$ 1,913				$ -		$ -	$ -	$ -	$ -
10108 - 5	12,361			$ 3,636	$ (1,900)	$ 1,736				$ -		$ -	$ -	$ -	$ -
10768 - 1	122,868			$ 1,920	$ 5,916	$ 7,836				$ 6.82		$ -	$ -	$ 181,174	$ -
10769 - 1	11,202			$ 106	$ 326	$ 432				$ 6.82		$ -	$ -	$ 19,976	$ -
10769 - 2	104,757			$ 990	$ 3,050	$ 4,040				$ 6.82		$ -	$ -	$ 186,815	$ -
10770 - 1	35,791			$ 2,527	$ 1,391	$ 3,918				$ 3.97		$ -	$ -	$ 52,732	$ -
10771 - 1	3,264			$ 238	$ (22)	$ 216				$ 3.97		$ -	$ -	$ 5,814	$ -
10771 - 2	30,522			$ 2,222	$ (202)	$ 2,020				$ 3.97		$ -	$ -	$ 54,374	$ -
10772 - 1	66,546			$ 1,040	$ 3,204	$ 4,244				$ 6.82		$ -	$ -	$ 98,124	$ -
10773 - 1	4,979			$ 80	$ 112	$ 192				$ 6.82		$ -	$ -	$ 8,878	$ -
10773 - 2	10,735			$ 172	$ 242	$ 414				$ 6.82		$ -	$ -	$ 19,144	$ -
10774 - 1	19,384			$ 1,369	$ 753	$ 2,122				$ 3.97		$ -	$ -	$ 28,560	$ -
10775 - 1	1,451			$ 106	$ (10)	$ 96				$ 3.97		$ -	$ -	$ 2,584	$ -
10775 - 2	3,128			$ 228	$ (21)	$ 207				$ 3.97		$ -	$ -	$ 5,572	$ -
10116 - 3	22,248			$ 1,661	$ (220)	$ 1,441				$ -		$ -	$ -	$ -	$ -
10116 - 4	220,584			$ 15,534	$ (2,060)	$ 13,473				$ 21.00		$ -	$ -	$ 287,618	$ -
10117 - 2	18,375			$ 1,330	$ 140	$ 1,470				$ -		$ -	$ -	$ -	$ -
10117 - 3	239,365			$ 16,399	$ 1,721	$ 18,120				$ 26.00		$ -	$ -	$ 319,431	$ -
10111 - 3	9,888			$ 579	$ 61	$ 640				$ -		$ -	$ -	$ -	$ -
10111 - 4	22,604			$ 1,248	$ 132	$ 1,381				$ 21.00		$ -	$ -	$ 29,474	$ -
10112 - 2	21,875			$ 1,584	$ 166	$ 1,750				$ -		$ -	$ -	$ -	$ -
10112 - 3	117,041			$ 8,018	$ 842	$ 8,860				$ 26.00		$ -	$ -	$ 156,190	$ -
Program Total	**6,055,403**	**0%**	**$ 1,178,179**	**$ 3,093,214**	**$ 229,788**	**$ 3,435,103**	**$ -**	**$ 4,271,393**	**$ 4,613,282**			**$ 3,963,434**	**$ 4,280,674**	**$ 3,034,518**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10091 - 1	0.738024	$ 1,350.58	0.738024	$ -	$ 1,351	$ -	$ 1,351	$ 1,351	$ 1,457		
10091 - 2	0.738024	$ 270	0.738024	$ -	$ 270	$ -	$ 270	$ 270	$ 291		
10092 - 1	0.738024	$ 505	0.738024	$ -	$ 505	$ -	$ 505	$ 505	$ 674		
10092 - 2	0.738024	$ 20,361	0.738024	$ -	$ 20,361	$ -	$ 20,361	$ 20,361	$ 27,721		
12012 - 1	0.738024	$ 100,277	0.738024	$ -	$ 100,277	$ -	$ 100,277	$ 100,277	$ 106,517		
12013 - 1	0.738024	$ 104	0.738024	$ -	$ 104	$ -	$ 104	$ 104	$ 164		
10619 - 1	0.668837	$ 135,554	0.668837	$ -	$ 135,554	$ -	$ 135,554	$ 135,554	$ 184,153		
10620 - 1	0.668837	$ 418,262	0.668837	$ -	$ 418,262	$ -	$ 418,262	$ 418,262	$ 495,636		
10611 - 1	0.805014	$ 5,479	0.805014	$ -	$ 5,479	$ -	$ 5,479	$ 5,479	$ 17,248		
10612 - 1	0.805014	$ 5,017	0.805014	$ -	$ 5,017	$ -	$ 5,017	$ 5,017	$ 15,793		
10613 - 1	0.805014	$ 4,919	0.805014	$ -	$ 4,919	$ -	$ 4,919	$ 4,919	$ 10,414		
10614 - 1	0.805014	$ 3,506	0.805014	$ -	$ 3,506	$ -	$ 3,506	$ 3,506	$ 7,422		
10615 - 1	0.805014	$ 24,503	0.805014	$ -	$ 24,503	$ -	$ 24,503	$ 24,503	$ 72,263		
10616 - 1	0.805014	$ 16,519	0.805014	$ -	$ 16,519	$ -	$ 16,519	$ 16,519	$ 48,717		
10617 - 1	0.805014	$ 47,140	0.805014	$ -	$ 47,140	$ -	$ 47,140	$ 47,140	$ 133,973		
10618 - 1	0.805014	$ 33,872	0.805014	$ -	$ 33,872	$ -	$ 33,872	$ 33,872	$ 96,264		
12010 - 1	0.805014	$ 310,104	0.805014	$ -	$ 310,104	$ -	$ 310,104	$ 310,104	$ 925,003		
12011 - 1	0.805014	$ 259,511	0.805014	$ -	$ 259,511	$ -	$ 259,511	$ 259,511	$ 774,089		
10113 - 3	0.298617	$ 13,277	0.298617	$ -	$ 13,277	$ -	$ 13,277	$ 13,277	$ 17,343		
10113 - 4	0.298617	$ 125,426	0.298617	$ -	$ 125,426	$ -	$ 125,426	$ 125,426	$ 174,602		
10103 - 2	0.955352	$ 1,934	0.955352	$ -	$ 1,934	$ -	$ 1,934	$ 1,934	$ 2,127		
10103 - 3	0.955352	$ 10,767	0.955352	$ -	$ 10,767	$ -	$ 10,767	$ 10,767	$ 11,844		
10114 - 3	0.401271	$ 46,427	0.401271	$ -	$ 46,427	$ -	$ 46,427	$ 46,427	$ 63,213		
10114 - 4	0.401271	$ 377,822	0.401271	$ -	$ 377,822	$ -	$ 377,822	$ 377,822	$ 550,325		
10109 - 3	0.705283	$ 137,622	0.705283	$ -	$ 137,622	$ -	$ 137,622	$ 137,622	$ 151,384		
10110 - 3	0.901665	$ 3,205	0.901665	$ -	$ 3,205	$ -	$ 3,205	$ 3,205	$ 3,526		
10104 - 2	0.810187	$ 5,972	0.810187	$ -	$ 5,972	$ -	$ 5,972	$ 5,972	$ 6,569		
10105 - 2	0.810187	$ 613	0.810187	$ -	$ 613	$ -	$ 613	$ 613	$ 674		
10106 - 3	0.810187	$ 2,064	0.810187	$ -	$ 2,064	$ -	$ 2,064	$ 2,064	$ 2,271		
12009 - 1	0.741980	$ 187,282	0.741980	$ -	$ 187,282	$ -	$ 187,282	$ 187,282	$ 206,010		
10077 - 2	0.355794	$ 367,137	0.355794	$ -	$ 367,137	$ -	$ 367,137	$ 367,137	$ 403,851		
10078 - 2	0.355794	$ -	0.355794	$ -	$ -	$ -	$ -	$ -	$ -		
10115 - 4	0.744687	$ 3,060	0.744687	$ -	$ 3,060	$ -	$ 3,060	$ 3,060	$ 3,366		
10115 - 5	0.744687	$ 32,303	0.744687	$ -	$ 32,303	$ -	$ 32,303	$ 32,303	$ 35,534		
10108 - 4	0.744687	$ 2,284	0.744687	$ -	$ 2,284	$ -	$ 2,284	$ 2,284	$ 2,513		
10108 - 5	0.744687	$ 9,205	0.744687	$ -	$ 9,205	$ -	$ 9,205	$ 9,205	$ 10,126		
10768 - 1	0.618440	$ 75,987	0.618440	$ -	$ 75,987	$ -	$ 75,987	$ 75,987	$ 264,759		
10769 - 1	0.618440	$ 6,928	0.618440	$ -	$ 6,928	$ -	$ 6,928	$ 6,928	$ 27,597		
10769 - 2	0.618440	$ 64,786	0.618440	$ -	$ 64,786	$ -	$ 64,786	$ 64,786	$ 258,080		
10770 - 1	0.618440	$ 22,135	0.618440	$ -	$ 22,135	$ -	$ 22,135	$ 22,135	$ 77,080		
10771 - 1	0.618440	$ 2,018	0.618440	$ -	$ 2,018	$ -	$ 2,018	$ 2,018	$ 8,034		
10771 - 2	0.618440	$ 18,876	0.618440	$ -	$ 18,876	$ -	$ 18,876	$ 18,876	$ 75,137		
10772 - 1	0.618440	$ 41,155	0.618440	$ -	$ 41,155	$ -	$ 41,155	$ 41,155	$ 143,394		
10773 - 1	0.618440	$ 3,079	0.618440	$ -	$ 3,079	$ -	$ 3,079	$ 3,079	$ 12,265		
10773 - 2	0.618440	$ 6,639	0.618440	$ -	$ 6,639	$ -	$ 6,639	$ 6,639	$ 26,447		
10774 - 1	0.618440	$ 11,988	0.618440	$ -	$ 11,988	$ -	$ 11,988	$ 11,988	$ 41,747		
10775 - 1	0.618440	$ 897	0.618440	$ -	$ 897	$ -	$ 897	$ 897	$ 3,571		
10775 - 2	0.618440	$ 1,934	0.618440	$ -	$ 1,934	$ -	$ 1,934	$ 1,934	$ 7,700		
10116 - 3	0.618440	$ 13,759	0.618440	$ -	$ 13,759	$ -	$ 13,759	$ 13,759	$ 15,135		
10116 - 4	0.618440	$ 136,418	0.618440	$ -	$ 136,418	$ -	$ 136,418	$ 136,418	$ 437,678		
10117 - 2	0.618440	$ 11,364	0.618440	$ -	$ 11,364	$ -	$ 11,364	$ 11,364	$ 12,500		
10117 - 3	0.618440	$ 148,033	0.618440	$ -	$ 148,033	$ -	$ 148,033	$ 148,033	$ 482,268		
10111 - 3	0.618440	$ 6,115	0.618440	$ -	$ 6,115	$ -	$ 6,115	$ 6,115	$ 6,727		
10111 - 4	0.618440	$ 13,979	0.618440	$ -	$ 13,979	$ -	$ 13,979	$ 13,979	$ 44,851		
10112 - 2	0.618440	$ 13,528	0.618440	$ -	$ 13,528	$ -	$ 13,528	$ 13,528	$ 14,881		
10112 - 3	0.618440	$ 72,383	0.618440	$ -	$ 72,383	$ -	$ 72,383	$ 72,383	$ 235,811		
Program Total								**$ 3,385,653**	**$ 6,758,736**	**0.85**	**1.58**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E214	Retail Showerheads	10015 - 1	RETSH: Adapter - ShowerStart - EO	10		10	0.00	Res Water Heat	1	131		$10.00	$30.00	$ 20
E214	Retail Showerheads	10015 - 2	RETSH: Adapter - ShowerStart - EO	10		10	0.00	Res Water Heat	25	28		$10.00	$15.98	$ 6
E214	Retail Showerheads	10118 - 1	RETSH: Adapter - ShowerStart - NQC	10		10	0.00	Res Water Heat	2	0		$0.00	$30.00	$ 30
E214	Retail Showerheads	10118 - 2	RETSH: Adapter - ShowerStart - NQC	10		10	0.00	Res Water Heat	1	0		$10.00	$15.98	$ 6
E214	Retail Showerheads	10119 - 1	RETSH: Adapter - ShowerStart - C	10		10	0.00	Res Water Heat	7	108		$5.00	$15.00	$ 10
E214	Retail Showerheads	10119 - 2	RETSH: Adapter - ShowerStart - C	10		10	0.00	Res Water Heat	73	23		$6.50	$7.99	$ 1
E214	Retail Showerheads	10240 - 1	ETSH: Aerator - WaterSense - EO - Any WH - 1.0 gp	10		10	0.68	Res Water Heat	10,674	31		$2.00	$2.00	$ -
E214	Retail Showerheads	10241 - 1	RETSH: Aerator - WaterSense - C - Any WH - 1.0 gp	10		10	1.10	Res Water Heat	20,920	26		$1.70	$1.00	$ (1)
E214	Retail Showerheads	10243 - 1	ETSH: Aerator - WaterSense - EO - Any WH - 1.5 gp	10		10	0.07	Res Water Heat	1,890	18		$2.00	$2.00	$ -
E214	Retail Showerheads	10244 - 1	RETSH: Aerator - WaterSense - C - Any WH - 1.5 gp	10		10	0.19	Res Water Heat	6,227	15		$1.70	$1.00	$ (1)
E214	Retail Showerheads	10776 - 1	RETSH: Aerator - NQC - 1.0 gpm	10		10	0.00	Res Water Heat	904	0		$2.00	$2.00	$ -
E214	Retail Showerheads	10777 - 1	RETSH: Aerator - NQC - 1.5 gpm	10		10	0.00	Res Water Heat	452	0		$2.00	$2.00	$ -
E214	Retail Showerheads	10238 - 1	'SH: Faucet - WaterSense - C - Any WH - 1.5 gpm or	10		10	0.07	Res Water Heat	2,267	15		$6.50	$10.00	$ 4
E214	Retail Showerheads	10026 - 2	TSH: Showerhead - Retail - C - Any WH - 1.5 gpm or	10		10	0.44	Res Water Heat	1,779	122		$6.00	$12.00	$ 6
E214	Retail Showerheads	10026 - 3	TSH: Showerhead - Retail - C - Any WH - 1.5 gpm or	10		10	1.52	Res Water Heat	6,861	109		$11.00	$13.29	$ 2
E214	Retail Showerheads	10027 - 2	'SH: Showerhead - Retail - C - Any WH - 1.51 to 1.75	10		10	0.00	Res Water Heat	1	94		$6.00	$12.00	$ 6
E214	Retail Showerheads	10027 - 3	'SH: Showerhead - Retail - C - Any WH - 1.51 to 1.75	10		10	0.83	Res Water Heat	4,641	88		$11.00	$13.29	$ 2
E214	Retail Showerheads	10028 - 2	TSH: Showerhead - Retail - C - Any WH - 1.76 to 2.0	10		10	0.15	Res Water Heat	1,147	63		$6.00	$12.00	$ 6
E214	Retail Showerheads	10028 - 3	TSH: Showerhead - Retail - C - Any WH - 1.76 to 2.0	10		10	2.38	Res Water Heat	18,246	64		$11.00	$13.29	$ 2
E214	Retail Showerheads	10029 - 1	SH: Showerhead - Retail - EO - Any WH - 1.5 gpm o	10		10	0.11	Res Water Heat	370	145		$10.00	$24.00	$ 14
E214	Retail Showerheads	10029 - 2	SH: Showerhead - Retail - EO - Any WH - 1.5 gpm o	10		10	1.05	Res Water Heat	3,908	132		$10.00	$26.58	$ 17
E214	Retail Showerheads	10030 - 2	SH: Showerhead - Retail - EO - Any WH - 1.51 to 1.7	10		10	0.50	Res Water Heat	2,333	106		$10.00	$26.58	$ 17
E214	Retail Showerheads	10031 - 1	SH: Showerhead - Retail - EO - Any WH - 1.76 to 2.0	10		10	0.06	Res Water Heat	404	75		$10.00	$24.00	$ 14
E214	Retail Showerheads	10031 - 2	SH: Showerhead - Retail - EO - Any WH - 1.76 to 2.0	10		10	0.86	Res Water Heat	5,461	78		$10.00	$26.28	$ 16
E214	Retail Showerheads	10090 - 1	RETSH: Showerhead - NQC	10		10	0.00	Res Water Heat	212	0		$10.00	$24.00	$ 14
E214	Retail Showerheads	10090 - 2	RETSH: Showerhead - NQC	10		10	0.00	Res Water Heat	251	0		$10.00	$26.58	$ 17
E214	Retail Showerheads	10120 - 2	RETSH: Showerhead - ShowerStart - C - 1.5 gpm	10		10	0.00	Res Water Heat	1	147		$6.50	$9.44	$ 3
			Program Total				**10.00**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste
10015 - 1	131			$ 15	$ 15	$ 30				$ -	
10015 - 2	701			$ 375	$ 23	$ 398				$ 4.75	
10118 - 1	0			$ 30	$ 30	$ 60					
10118 - 2	0			$ 15	$ 1	$ 16					
10119 - 1	756			$ 53	$ 53	$ 105				$ -	
10119 - 2	1,688			$ 751	$ (169)	$ 581				$ -	
10240 - 1	334,732			$ 10,706	$ 10,642	$ 21,348				$ 6.82	
10241 - 1	542,447			$ 16,970	$ 3,949	$ 20,920				$ 6.82	
10243 - 1	34,533			$ 3,037	$ 744	$ 3,780				$ 3.97	
10244 - 1	94,084			$ 9,500	$ (3,273)	$ 6,227				$ 3.97	
10776 - 1	0			$ 622	$ 1,186	$ 1,808					$ -
10777 - 1	0			$ 728	$ 176	$ 904					$ -
10238 - 1	34,254			$ 6,455	$ 16,216	$ 22,670				$ 3.97	
10026 - 2	217,065			$ 11,254	$ 10,096	$ 21,351				$ 18.91	
10026 - 3	749,204			$ 54,461	$ 36,719	$ 91,180				$ 26.00	
10027 - 2	94			$ 6	$ 6	$ 12				$ 14.90	
10027 - 3	408,403			$ 33,056	$ 28,622	$ 61,678				$ 21.00	
10028 - 2	72,252			$ 5,150	$ 8,612	$ 13,762				$ 10.17	
10028 - 3	1,175,050			$ 129,882	$ 112,609	$ 242,491				$ 15.00	
10029 - 1	53,672			$ 4,372	$ 4,512	$ 8,884				$ 18.91	
10029 - 2	516,227			$ 35,364	$ 68,507	$ 103,871				$ 26.00	
10030 - 2	248,228			$ 21,953	$ 40,057	$ 62,010				$ 21.00	
10031 - 1	30,298			$ 2,966	$ 6,729	$ 9,695				$ 10.17	
10031 - 2	425,406			$ 51,348	$ 92,165	$ 143,513				$ 15.00	
10090 - 1	0			$ 2,831	$ 2,257	$ 5,088					
10090 - 2	0			$ 3,002	$ 3,670	$ 6,672					
10120 - 2	147			$ 10	$ (0)	$ 9				$ 33.61	
Program Total	**4,939,372**	**0%**	**$ 72,331**	**$ 435,442**	**$ 444,153**	**$ 849,063**	**$ -**	**$ 507,772**	**$ 921,394**		

Measure Version	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10015 - 1	$ -	$ -	$ -	$ -	0.618440	$ 81.02	0.618440	$ -	$ 81	$ -	$ 81	$ 81	$ 89		
10015 - 2	$ -	$ -	$ 803	$ -	0.618440	$ 433	0.618440	$ -	$ 433	$ -	$ 433	$ 433	$ 1,279		
10118 - 1	$ -	$ -	$ -	$ -	0.618440	$ -	0.618440	$ -	$ -	$ -	$ -	$ -	$ -		
10118 - 2	$ -	$ -	$ -	$ -	0.618440	$ -	0.618440	$ -	$ -	$ -	$ -	$ -	$ -		
10119 - 1	$ -	$ -	$ -	$ -	0.618440	$ 468	0.618440	$ -	$ 468	$ -	$ 468	$ 468	$ 514		
10119 - 2	$ -	$ -	$ -	$ -	0.618440	$ 1,044	0.618440	$ -	$ 1,044	$ -	$ 1,044	$ 1,044	$ 1,148		
10240 - 1	$ -	$ -	$ 493,574	$ -	0.618440	$ 207,012	0.618440	$ -	$ 207,012	$ -	$ 207,012	$ 207,012	$ 721,287		
10241 - 1	$ -	$ -	$ 967,353	$ -	0.618440	$ 335,471	0.618440	$ -	$ 335,471	$ -	$ 335,471	$ 335,471	$ 1,336,371		
10243 - 1	$ -	$ -	$ 50,879	$ -	0.618440	$ 21,357	0.618440	$ -	$ 21,357	$ -	$ 21,357	$ 21,357	$ 74,371		
10244 - 1	$ -	$ -	$ 167,605	$ -	0.618440	$ 58,185	0.618440	$ -	$ 58,185	$ -	$ 58,185	$ 58,185	$ 231,609		
10776 - 1	$ -	$ -	$ -	$ -	0.618440	$ -	0.618440	$ -	$ -	$ -	$ -	$ -	$ -		
10777 - 1	$ -	$ -	$ -	$ -	0.618440	$ -	0.618440	$ -	$ -	$ -	$ -	$ -	$ -		
10238 - 1	$ -	$ -	$ 61,022	$ -	0.618440	$ 21,184	0.618440	$ -	$ 21,184	$ -	$ 21,184	$ 21,184	$ 84,325		
10026 - 2	$ -	$ -	$ 228,122	$ -	0.618440	$ 134,242	0.618440	$ -	$ 134,242	$ -	$ 134,242	$ 134,242	$ 375,788		
10026 - 3	$ -	$ -	$ 1,209,474	$ -	0.618440	$ 463,337	0.618440	$ -	$ 463,337	$ -	$ 463,337	$ 463,337	$ 1,719,145		
10027 - 2	$ -	$ -	$ 101	$ -	0.618440	$ 58	0.618440	$ -	$ 58	$ -	$ 58	$ 58	$ 165		
10027 - 3	$ -	$ -	$ 660,802	$ -	0.618440	$ 252,572	0.618440	$ -	$ 252,572	$ -	$ 252,572	$ 252,572	$ 938,631		
10028 - 2	$ -	$ -	$ 79,082	$ -	0.618440	$ 44,684	0.618440	$ -	$ 44,684	$ -	$ 44,684	$ 44,684	$ 128,234		
10028 - 3	$ -	$ -	$ 1,855,700	$ -	0.618440	$ 726,698	0.618440	$ -	$ 726,698	$ -	$ 726,698	$ 726,698	$ 2,655,067		
10029 - 1	$ -	$ -	$ 47,459	$ -	0.618440	$ 33,193	0.618440	$ -	$ 33,193	$ -	$ 33,193	$ 33,193	$ 83,971		
10029 - 2	$ -	$ -	$ 688,902	$ -	0.618440	$ 319,255	0.618440	$ -	$ 319,255	$ -	$ 319,255	$ 319,255	$ 1,040,082		
10030 - 2	$ -	$ -	$ 332,181	$ -	0.618440	$ 153,514	0.618440	$ -	$ 153,514	$ -	$ 153,514	$ 153,514	$ 501,046		
10031 - 1	$ -	$ -	$ 27,856	$ -	0.618440	$ 18,737	0.618440	$ -	$ 18,737	$ -	$ 18,737	$ 18,737	$ 48,467		
10031 - 2	$ -	$ -	$ 555,397	$ -	0.618440	$ 263,088	0.618440	$ -	$ 263,088	$ -	$ 263,088	$ 263,088	$ 844,794		
10090 - 1	$ -	$ -	$ -	$ -	0.618440	$ -	0.618440	$ -	$ -	$ -	$ -	$ -	$ -		
10090 - 2	$ -	$ -	$ -	$ -	0.618440	$ -	0.618440	$ -	$ -	$ -	$ -	$ -	$ -		
10120 - 2	$ -	$ -	$ 228	$ -	0.618440	$ 91	0.618440	$ -	$ 91	$ -	$ 91	$ 91	$ 328		
Program Total	**$ 471,163**	**$ 854,963**	**$ 7,426,539**									**$ 3,054,704**	**$ 10,786,713**	**6.48**	**12.62**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only | Not used - total only

Total PV Costs UCT | Total PV Costs TRC

Total Benefits UCT | Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * R2 Not Used Paste
E214	Retail Lighting	10001 - 4	RETL: Fixture - LED - Indoor	15		15	0.04	Res Lighting	9,970	18		$10.00	$5.65	$ (4)	181,753		
E214	Retail Lighting	10001 - 5	RETL: Fixture - LED - Indoor	12		12	0.14	Res Lighting	48,361	18		$8.00	$0.00	$ (8)	881,621		
E214	Retail Lighting	10002 - 3	RETL: Fixture - LED - Outdoor	15		15	0.01	Res Lighting	5,735	6		$11.00	$6.22	$ (5)	33,894		
E214	Retail Lighting	10002 - 4	RETL: Fixture - LED - Outdoor	12		12	0.02	Res Lighting	18,626	6		$9.00	$9.65	$ 1	110,080		
E214	Retail Lighting	10003 - 4	RETL: Fixture - LED - Retrofit Kit	15		15	0.23	Res Lighting	44,641	26		$6.50	$2.13	$ (4)	1,143,250		
E214	Retail Lighting	10003 - 5	RETL: Fixture - LED - Retrofit Kit	12		12	0.88	Res Lighting	210,148	26		$4.50	$2.08	$ (2)	5,381,898		
E214	Retail Lighting	10081 - 2	RETL: Fixture - LED - Retrofit Kit - NQC	15		15	0.00	Res Lighting	3	0		$6.50	$2.13	$ (4)	0		
E214	Retail Lighting	10081 - 3	RETL: Fixture - LED - Retrofit Kit - NQC	12		12	0.00	Res Lighting	8	0		$4.50	$2.08	$ (2)	0		
E214	Retail Lighting	10608 - 2	RETL: Fixture - LED - T8 Retrofit	15		15	0.02	Res Lighting	9,592	8		$5.50	$21.80	$ 16	76,544		
E214	Retail Lighting	10608 - 3	RETL: Fixture - LED - T8 Retrofit	12		12	0.08	Res Lighting	58,657	8		$2.50	$2.56	$ 0	468,083		
E214	Retail Lighting	10609 - 2	RETL: Fixture - LED - T8	15		15	0.00	Res Lighting	24	29		$11.00	$25.00	$ 14	687		
E214	Retail Lighting	10609 - 3	RETL: Fixture - LED - T8	12		12	0.13	Res Lighting	28,313	29		$5.00	$24.19	$ 19	810,601		
E214	Retail Lighting	10006 - 3	RETL: Lamp - CFL - Speciality	7		7	0.04	Res Lighting	21,119	19		$0.50	$1.40	$ 1	404,006		
E214	Retail Lighting	10007 - 3	RETL: Lamp - CFL - Standard	6		6	0.06	Res Lighting	55,839	14		$0.50	$0.34	$ (0)	789,005		
E214	Retail Lighting	10008 - 4	RETL: Lamp - LED - A Lamp	12		12	0.73	Res Lighting	393,596	11		$3.25	$7.06	$ 4	4,455,512		
E214	Retail Lighting	10008 - 5	RETL: Lamp - LED - A Lamp	12		12	3.46	Res Lighting	1,875,941	11		$2.00	$1.59	$ (0)	21,235,655		
E214	Retail Lighting	10009 - 4	RETL: Lamp - LED - Candelabra	12		12	0.20	Res Lighting	54,522	22		$2.75	$6.54	$ 4	1,226,200		
E214	Retail Lighting	10009 - 5	RETL: Lamp - LED - Candelabra	11		11	0.74	Res Lighting	219,474	22		$2.00	$2.92	$ 1	4,935,971		
E214	Retail Lighting	10011 - 4	RETL: Lamp - LED - Globe	12		12	0.03	Res Lighting	14,524	13		$2.75	$5.10	$ 2	187,792		
E214	Retail Lighting	10011 - 5	RETL: Lamp - LED - Globe	12		12	0.20	Res Lighting	94,729	13		$2.00	$3.68	$ 2	1,224,852		
E214	Retail Lighting	10013 - 4	RETL: Lamp - LED - MR16	12		12	0.01	Res Lighting	3,352	20		$5.00	$13.60	$ 9	67,677		
E214	Retail Lighting	10013 - 5	RETL: Lamp - LED - MR16	12		12	0.06	Res Lighting	16,980	20		$2.00	$1.75	$ (0)	342,829		
E214	Retail Lighting	10014 - 4	RETL: Lamp - LED - Reflector	12		12	0.77	Res Lighting	169,165	28		$5.00	$8.05	$ 3	4,745,091		
E214	Retail Lighting	10014 - 5	RETL: Lamp - LED - Reflector	9		9	2.96	Res Lighting	863,732	28		$3.25	$2.08	$ (1)	24,227,687		
E214	Retail Lighting	10084 - 2	RETL: Lamp - LED - A Lamp - NQC	12		12	0.00	Res Lighting	2,095	0		$3.25	$7.06	$ 4	0		
E214	Retail Lighting	10084 - 3	RETL: Lamp - LED - A Lamp - NQC	12		12	0.00	Res Lighting	4,382	0		$2.00	$1.59	$ (0)	0		
E214	Retail Lighting	10085 - 2	RETL: Lamp - LED - Candelabra - NQC	12		12	0.00	Res Lighting	7	0		$2.75	$6.54	$ 4	0		
E214	Retail Lighting	10085 - 3	RETL: Lamp - LED - Candelabra - NQC	12		12	0.00	Res Lighting	395	0		$2.00	$2.92	$ 1	0		
E214	Retail Lighting	10086 - 2	RETL: Lamp - LED - Globe - NQC	12		12	0.00	Res Lighting	9	0		$2.75	$5.10	$ 2	0		
E214	Retail Lighting	10086 - 3	RETL: Lamp - LED - Globe - NQC	12		12	0.00	Res Lighting	479	0		$2.00	$3.68	$ 2	0		
E214	Retail Lighting	10088 - 3	RETL: Lamp - LED - MR16 - NQC	12		12	0.00	Res Lighting	5	0		$2.00	$1.75	$ (0)	0		
E214	Retail Lighting	10089 - 2	RETL: Lamp - LED - Reflector - NQC	12		12	0.00	Res Lighting	75	0		$5.00	$8.05	$ 3	0		
E214	Retail Lighting	10089 - 3	RETL: Lamp - LED - Reflector - NQC	9		9	0.00	Res Lighting	1,350	0		$3.25	$2.08	$ (1)	0		
E214	Retail Lighting	12007 - 1	RETL: String Lighting - LED - Outdoor	12		12	0.12	Res Lighting	20,837	37		$10.00	$20.00	$ 10	765,551		
			Program Total				**10.91**								**73,696,238**	**0%**	**$ 2,702,670**

Measure Version	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
10001 - 4	$ 79,832	$ (23,501)	$ 56,331				$ -		$ -	$ -	$ -	$ -
10001 - 5	$ 233,259	$ (233,259)	$ -				$ -		$ -	$ -	$ -	$ -
10002 - 3	$ 51,480	$ (15,808)	$ 35,672				$ -		$ -	$ -	$ -	$ -
10002 - 4	$ 110,555	$ 69,186	$ 179,741				$ -		$ -	$ -	$ -	$ -
10003 - 4	$ 145,845	$ (50,760)	$ 95,085				$ -		$ -	$ -	$ -	$ -
10003 - 5	$ 700,431	$ (263,323)	$ 437,108				$ -		$ -	$ -	$ -	$ -
10081 - 2	$ 45	$ (39)	$ 6						$ -	$ -	$ -	$ -
10081 - 3	$ 40	$ (23)	$ 17				$ -		$ -	$ -	$ -	$ -
10608 - 2	$ 47,950	$ 161,156	$ 209,106				$ -		$ -	$ -	$ -	$ -
10608 - 3	$ 88,227	$ 61,935	$ 150,162				$ -	$ -	$ -	$ -	$ -	$ -
10609 - 2	$ 120	$ 480	$ 600				$ -		$ -	$ -	$ -	$ -
10609 - 3	$ 141,565	$ 543,326	$ 684,891				$ -	$ -	$ -	$ -	$ -	$ -
10006 - 3	$ 10,560	$ 19,007	$ 29,567				$ -		$ -	$ -	$ -	$ -
10007 - 3	$ 27,009	$ (8,024)	$ 18,985				$ -		$ -	$ -	$ -	$ -
10008 - 4	$ 545,504	$ 2,233,287	$ 2,778,791				$ -		$ -	$ -	$ -	$ -
10008 - 5	$ 2,493,667	$ 489,080	$ 2,982,746				$ -		$ -	$ -	$ -	$ -
10009 - 4	$ 77,157	$ 279,417	$ 356,574				$ -		$ -	$ -	$ -	$ -
10009 - 5	$ 293,895	$ 346,970	$ 640,864				$ -	$ -	$ -	$ -	$ -	$ -
10011 - 4	$ 26,339	$ 47,733	$ 74,071				$ -		$ -	$ -	$ -	$ -
10011 - 5	$ 142,060	$ 206,545	$ 348,604				$ -		$ -	$ -	$ -	$ -
10013 - 4	$ 7,250	$ 38,337	$ 45,587				$ -		$ -	$ -	$ -	$ -
10013 - 5	$ 33,962	$ (4,247)	$ 29,715				$ -	$ -	$ -	$ -	$ -	$ -
10014 - 4	$ 286,471	$ 1,075,311	$ 1,361,782				$ -		$ -	$ -	$ -	$ -
10014 - 5	$ 1,910,501	$ (113,939)	$ 1,796,563				$ -	$ -	$ -	$ -	$ -	$ -
10084 - 2	$ 14,000	$ 791	$ 14,791						$ -	$ -	$ -	$ -
10084 - 3	$ 14,919	$ (7,952)	$ 6,967				$ -		$ -	$ -	$ -	$ -
10085 - 2	$ 35	$ 11	$ 46						$ -	$ -	$ -	$ -
10085 - 3	$ 1,185	$ (32)	$ 1,153				$ -	$ -	$ -	$ -	$ -	$ -
10086 - 2	$ 45	$ 1	$ 46						$ -	$ -	$ -	$ -
10086 - 3	$ 1,437	$ 326	$ 1,763				$ -		$ -	$ -	$ -	$ -
10088 - 3	$ 10	$ (1)	$ 9				$ -	$ -	$ -	$ -	$ -	$ -
10089 - 2	$ 600	$ 4	$ 604						$ -	$ -	$ -	$ -
10089 - 3	$ 5,396	$ (2,588)	$ 2,808				$ -	$ -	$ -	$ -	$ -	$ -
12007 - 1	$ 208,370	$ 208,370	$ 416,740				$ -	$ -	$ -	$ -	$ -	$ -
Program Total	**$ 9,252,405**	**$ 5,057,777**	**$ 12,757,495**	**$ -**	**$ 11,955,076**	**$ 15,460,165**			**$ 11,093,139**	**$ 14,345,518**	**$ -**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10001 - 4	0.878648	$ 159,697.00	0.878648	$ -	$ 159,697	$ -	$ 159,697	$ 159,697	$ 175,667		
10001 - 5	0.744687	$ 656,532	0.744687	$ -	$ 656,532	$ -	$ 656,532	$ 656,532	$ 722,185		
10002 - 3	0.878648	$ 29,781	0.878648	$ -	$ 29,781	$ -	$ 29,781	$ 29,781	$ 32,759		
10002 - 4	0.744687	$ 81,975	0.744687	$ -	$ 81,975	$ -	$ 81,975	$ 81,975	$ 90,172		
10003 - 4	0.878648	$ 1,004,514	0.878648	$ -	$ 1,004,514	$ -	$ 1,004,514	$ 1,004,514	$ 1,104,966		
10003 - 5	0.744687	$ 4,007,829	0.744687	$ -	$ 4,007,829	$ -	$ 4,007,829	$ 4,007,829	$ 4,408,611		
10081 - 2	0.878648	$ -	0.878648	$ -	$ -	$ -	$ -	$ -	$ -		
10081 - 3	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10608 - 2	0.878648	$ 67,255	0.878648	$ -	$ 67,255	$ -	$ 67,255	$ 67,255	$ 73,981		
10608 - 3	0.744687	$ 348,575	0.744687	$ -	$ 348,575	$ -	$ 348,575	$ 348,575	$ 383,433		
10609 - 2	0.878648	$ 604	0.878648	$ -	$ 604	$ -	$ 604	$ 604	$ 664		
10609 - 3	0.744687	$ 603,644	0.744687	$ -	$ 603,644	$ -	$ 603,644	$ 603,644	$ 664,008		
10006 - 3	0.480667	$ 194,193	0.480667	$ -	$ 194,193	$ -	$ 194,193	$ 194,193	$ 213,612		
10007 - 3	0.421218	$ 332,343	0.421218	$ -	$ 332,343	$ -	$ 332,343	$ 332,343	$ 365,578		
10008 - 4	0.744687	$ 3,317,961	0.744687	$ -	$ 3,317,961	$ -	$ 3,317,961	$ 3,317,961	$ 3,649,757		
10008 - 5	0.744687	$ 15,813,912	0.744687	$ -	$ 15,813,912	$ -	$ 15,813,912	$ 15,813,912	$ 17,395,304		
10009 - 4	0.744687	$ 913,135	0.744687	$ -	$ 913,135	$ -	$ 913,135	$ 913,135	$ 1,004,448		
10009 - 5	0.695240	$ 3,431,683	0.695240	$ -	$ 3,431,683	$ -	$ 3,431,683	$ 3,431,683	$ 3,774,851		
10011 - 4	0.744687	$ 139,846	0.744687	$ -	$ 139,846	$ -	$ 139,846	$ 139,846	$ 153,831		
10011 - 5	0.744687	$ 912,131	0.744687	$ -	$ 912,131	$ -	$ 912,131	$ 912,131	$ 1,003,344		
10013 - 4	0.744687	$ 50,398	0.744687	$ -	$ 50,398	$ -	$ 50,398	$ 50,398	$ 55,438		
10013 - 5	0.744687	$ 255,300	0.744687	$ -	$ 255,300	$ -	$ 255,300	$ 255,300	$ 280,830		
10014 - 4	0.744687	$ 3,533,607	0.744687	$ -	$ 3,533,607	$ -	$ 3,533,607	$ 3,533,607	$ 3,886,967		
10014 - 5	0.591277	$ 14,325,280	0.591277	$ -	$ 14,325,280	$ -	$ 14,325,280	$ 14,325,280	$ 15,757,808		
10084 - 2	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10084 - 3	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10085 - 2	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10085 - 3	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10086 - 2	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10086 - 3	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10088 - 3	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10089 - 2	0.744687	$ -	0.744687	$ -	$ -	$ -	$ -	$ -	$ -		
10089 - 3	0.591277	$ -	0.591277	$ -	$ -	$ -	$ -	$ -	$ -		
12007 - 1	0.744687	$ 570,096	0.744687	$ -	$ 570,096	$ -	$ 570,096	$ 570,096	$ 627,106		
Program Total								**$ 50,750,291**	**$ 55,825,320**	**4.57**	**3.89**

Summary

Discount Rate 7.80%

Overhead Rates:

Not used DSM Cost

Not Used - total only Not used - total only

Total PV Benefits Total PV Costs Total Benefits UCT - Total Benefits TRC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula P*K	paste	unused modify	formula: S + T	formula: S + V	paste	paste	formula: U(1+ElecDiscountRate) -1	formula: V(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR							formula: Logic w lookup from AC tables and adjust	formula: Utility Savings (AF)*L1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	Home Energy Reports	011Z1 - 3	HER: Home Energy Report - Original - E	2	-	2	2.00	Res Lighting	16,000	0	-				0															0.154939		0.154939									
			Program Total				**2.00**								**0**	**0%**	**$ 4,780**	**$ -**	**$ -**	**$ 49,760**	**$ -**	**$ 4,780**	**$ 54,540**	**$ -**	**$ -**	**$ 4,436**	**$ 50,608**	**$ -**	**$ -**		**$ -**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**0.00**	**0.00**

Summary

Discount Rate 7.80%

Overhead Rate:

Not used DMSC Inc

Not Used - total only Not used - total only

Total PV Non-UC formula: U/(1+ElecDiscountRate) -1

Total PV Non-UC formula: V/(1+ElecDiscountRate) -1

formula: PV(ElecDiscountRat

formula: PV(ElecDiscountR

Total Benefits UCT - Total Benefits TRC formula: Logic w lookup from AC tables and adjust

formula: Utility Savings (AD*(1.1+AD)+AE

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula v-t	paste	unused modfy	formula: S + T	formula: S + V	paste	paste																	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Time	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E214	Web Enabled Thermostats	10736 - 1	WET- Thermostat - Web Enabled - Retail - With	20		20	1.17	SF Heat Pump	207	424		$75.00	$187.35	$ 112	87,768			$ 15,525	$ 23,258	$ 38,781						$ -	$ -	$ -	$ -	1.643830	$ 144,275.68	1.643830	$ -	$ 144,276	$ -	$ 144,276	$ 144,276	$ 158,703		
E214	Web Enabled Thermostats	10736 - 2	WET- Thermostat - Web Enabled - Retail - With	20		20	18.63	SF Heat Pump	1,330	669		$75.00	$187.35	$ 112	1,195,670			$ 149,050	$ 100,128	$ 249,178						$ -	$ -	$ -	$ -	1.643830	$ 1,965,478.38	1.643830	$ -	$ 1,965,478	$ -	$ 1,965,478	$ 1,965,478	$ 2,162,026		
			Program Total				**20.00**								**1,283,438**	**0%**	**$ 69,362**	**$ 441,308**	**$ 123,382**	**$ 287,957**	**$ -**	**$ 518,670**	**$ 357,319**			**$ 473,852**	**$ 331,257**	**$ -**	**$ -**									**$ 2,109,754**	**$ 2,320,729**	**4.45**	**7.00**

Summary

Discount Rate: 7.80%

Overhead Budget:

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste
E217	Multi Family Appliance Replacement	10796 - 2	Clothes Washer - Replacement - EWH - E Dryer - Fr	11		11	0.00	Res Water Heat	3	848		$847.26	$847.26	$ -	2,544
E217	Multi Family Appliance Replacement	10797 - 1	Clothes Washer - Replacement - EWH - E Dryer - T	11		11	0.01	Res Water Heat	25	809		$600.00	$600.00	$ -	20,225
	Multi Family Appliance Replacement	10797 - 2	Clothes Washer - Replacement - EWH - E Dryer - T	11		11	0.16	Res Water Heat	315	809		$689.49	$689.49	$ -	254,835
	Multi Family Retrofit	11975 - 1	es Washer - CEE Tier 1 or Above - Any WH - Any D	14		14	0.00	Res Water Heat	1	65		$75.00	$0.00	$ (75)	65
	Multi Family Appliance Replacement	10798 - 1	MFAR: Refrigerator Replacement - Year 1 to 14	10		10	0.04	Res Refrigerator	147	494		$600.00	$600.00	$ -	72,618
	Multi Family Appliance Replacement	10799 - 1	MFAR: Refrigerator Replacement - Year 1 to 20	15		15	0.00	Res Refrigerator	147	9		$0.00	$0.00	$ -	1,323
	Multi Family Retrofit	11971 - 1	MFRFT: Refrigerator - Energy Star	15		15	0.00	Res Refrigerator	15	39		$75.00	$100.23	$ 25	585
	Multi Family Retrofit	11242 - 2	MFRFT: Power Strip - Advanced - IR - DI	5		5	0.11	Res Plug Load	1,760	216		$55.00	$55.00	$ -	380,160
	Multi Family Retrofit	11973 - 1	MFRFT: Power Strip - Advanced - Home Office - DI	5		5	0.00	Res Plug Load	0	255		$67.40	$67.40	$ -	0
	Multi Family Retrofit	11973 - 2	MFRFT: Power Strip - Advanced - Home Office - DI	5		5	0.10	Res Plug Load	1,448	238		$67.40	$67.40	$ -	344,624
	Multi Family Retrofit	12008 - 1	MFRFT: Power Strip - Advanced - Bluetooth - DI	5		5	0.48	Res Plug Load	8,080	216		$55.00	$55.00	$ -	1,745,280
	Multi Family Retrofit	11969 - 1	MFRFT: Thermostat - Electronic Line Voltage - kWh	15		15	0.01	SF Space Heat	160	49		$50.00	$58.15	$ 8	7,840
	Multi Family Retrofit	11976 - 1	MFRFT: Thermostat - Web Enabled - kWh	20		20	0.03	SF Space Heat	589	49		$483.00	$483.00	$ -	28,861
	Multi Family Retrofit	11308 - 2	MFRFT: Ductless Heat Pump	15		15	0.22	MF Space Heat				$1,200.00	$3,250.00	$ 2,050	269,368
	Multi Family Retrofit	11260 - 2	MFRFT: Fan - Ventilation - Energy Star	10		10	0.07	Res Plug Load	900	143		$50.00	$40.00	$ (10)	128,700
	Multi Family Retrofit	11261 - 1	MFRFT: Fan - Ventilation - Energy Star - w Air Sealin	10		10	0.01	Res Plug Load	120	143		$200.00	$250.00	$ 50	17,160
	Multi Family Retrofit	11307 - 2	MFRFT: Lighting - Common Area	15		15	4.13	Comm Lighting				$8,000.00	$160,555.00	$ 152,555	4,963,116
	Multi Family Retrofit	11259 - 2	MFRFT: Fixture - LED - Energy Star	15		15	0.01	Res Lighting	428	33		$30.00	$50.00	$ 20	14,124
	Multi Family Retrofit	11270 - 3	MFRFT: Lamp - LED - A Lamp - Direct Install - Labo	12		12	0.71	Res Lighting	64,884	17		$6.75	$6.75	$ -	1,071,884
	Multi Family Retrofit	11271 - 4	MFRFT: Lamp - LED - Candelabra - Direct Install	12		12	0.00	Res Lighting	148	9		$10.83	$10.83	$ -	1,345
	Multi Family Retrofit	11272 - 3	IFRFT: Lamp - LED - Candelabra - Direct Install - Lab	12		12	0.07	Res Lighting	12,065	9		$6.75	$6.75	$ -	109,671
	Multi Family Retrofit	11274 - 3	MFRFT: Lamp - LED - MR16 - Direct Install - Labor	12		12	0.06	Res Lighting	3,979	21		$6.75	$6.75	$ -	82,763
	Multi Family Retrofit	11278 - 3	MFRFT: Lamp - LED - Globe - Direct Install - Labor	12		12	0.47	Res Lighting	50,271	14		$6.75	$6.75	$ -	711,335
	Multi Family Retrofit	11280 - 3	MFRFT: Lamp - LED - Reflector - Direct Install - Labo	12		12	0.19	Res Lighting	8,769	32		$6.75	$6.75	$ -	279,380
	Multi Family Retrofit	11290 - 1	FT: Adapter - Thermostatic Restrictor Showerhead -	10		10	-0.25	Res Water Heat	(7,792)	58		$33.00	$33.00	$ -	-451,936
	Multi Family Retrofit	11290 - 3	FT: Adapter - Thermostatic Restrictor Showerhead -	10		10	0.43	Res Water Heat	14,701	53		$33.00	$33.00	$ -	779,153
	Multi Family Retrofit	11243 - 2	MFRFT: Aerator - DI - EWH - 1.0 gpm	10		10	0.11	Res Water Heat	2,485	77		$2.10	$2.10	$ -	191,270
	Multi Family Retrofit	11245 - 2	MFRFT: Aerator - DI - EWH - 1.5 gpm	10		10	0.04	Res Water Heat	1,577	45		$2.10	$2.10	$ -	70,713
	Multi Family Retrofit	11284 - 2	FRFT: Showerhead - Direct Install - EWH - 1.5 gpm n	10		10	0.01	Res Water Heat	87	207		$18.00	$18.00	$ -	18,009
	Multi Family Retrofit	11287 - 1	T: Showerhead - Thermostatic Restrictor - Handheld	10		10	0.00	Res Water Heat	(18)	336		$58.00	$58.00	$ -	-6,048
	Multi Family Retrofit	11287 - 2	T: Showerhead - Thermostatic Restrictor - Handheld	10		10	0.01	Res Water Heat	57	335		$58.00	$58.00	$ -	19,095
	Multi Family Retrofit	11289 - 1	MFRFT: Showerhead - Thermostatic Restrictor - EWI	10		10	-0.20	Res Water Heat	(1,055)	336		$41.00	$41.00	$ -	-354,480
	Multi Family Retrofit	11289 - 2	MFRFT: Showerhead - Thermostatic Restrictor - EWI	10		10	0.50	Res Water Heat	2,710	335		$41.00	$41.00	$ -	907,850
	Multi Family Retrofit	11295 - 2	MFRFT: Water Heater - Pipe Wrap - DI	15		15	0.02	Res Water Heat	1,237	20		$4.50	$4.50	$ -	24,740
	Multi Family Retrofit	11248 - 2	MFRFT: Insulation - Attic - R0 to R38 - E	30		30	0.15	MF Space Heat	73,633	1		$0.75	$0.79	$ 0	88,360
	Multi Family Retrofit	11250 - 2	MFRFT: Insulation - Attic - R11 to R38 - E	30		30	1.57	MF Space Heat	1,686,257	1		$0.75	$0.76	$ 0	944,304
	Multi Family Retrofit	11970 - 1	MFRFT: Insulation - Attic - R19 to R38 - E	30		30	0.84	MF Space Heat	1,673,210	1		$0.75	$0.73	$ (0)	501,963
	Multi Family Retrofit	11263 - 2	MFRFT: Insulation - Floor - R0 to R30 - E	30		30	0.35	MF Space Heat	151,560	1		$0.75	$0.97	$ 0	212,184
	Multi Family Retrofit	11264 - 2	MFRFT: Insulation - Floor - R11 to R30 - E	30		30	0.24	MF Space Heat	183,529	1		$0.75	$1.47	$ 1	141,317
	Multi Family Retrofit	11302 - 2	MFRFT: Sealing - Air	30		30	0.86	MF Space Heat				$1.70	$1.70	$ -	514,127
	Multi Family Retrofit	11296 - 3	MFRFT: Windows - DP to DP - U30 to U60 - E	30		30	4.92	MF Space Heat	230,597	13		$5.00	$17.81	$ 13	2,951,642
	Multi Family Retrofit	11299 - 3	MFRFT: Windows - SP to DP - U30 to U120 - E	30		30	1.45	MF Space Heat	36,716	24		$7.00	$17.81	$ 11	870,169
	Multi Family Retrofit	11297 - 2	MFRFT: Windows - DP to TP - U22 to U60 - E	30		30	0.14	MF Space Heat	5,379	15		$7.00	$19.87	$ 13	82,837
			Program Total				**18.06**								**18,013,074**

Measure Version	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
			but use DBtC for				Not Used - total only	Not used - total only			Total PV Costs UCT	Total PV Costs TRC		
	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: - PV(ElecDiscountRat	formula: - PV(ElecDiscountR
10796 - 2			$ 1,652	$ 889	$ 2,542				$ 20.31		$ -	$ -	$ 440	$ -
10797 - 1			$ 13,175	$ 1,825	$ 15,000				$ 6.37		$ -	$ -	$ 1,150	$ -
10797 - 2			$ 166,266	$ 50,923	$ 217,189				$ 6.37		$ -	$ -	$ 14,486	$ -
11975 - 1			$ 75	$ (75)	$ -				$ -		$ -	$ -	$ -	$ -
10798 - 1			$ 69,678	$ 18,522	$ 88,200				$ -		$ -	$ -	$ -	$ -
10799 - 1			$ -	$ -	$ -				$ -		$ -	$ -	$ -	$ -
11971 - 1			$ 1,125	$ 378	$ 1,503				$ -		$ -	$ -	$ -	$ -
11242 - 2			$ 96,800	$ -	$ 96,800				$ -		$ -	$ -	$ -	$ -
11973 - 1			$ (0)	$ -	$ (0)				$ 10.24		$ -	$ -	$ -	$ -
11973 - 2			$ 97,595	$ -	$ 97,595				$ 10.24		$ -	$ -	$ 59,563	$ -
12008 - 1			$ 444,400	$ -	$ 444,400				$ -		$ -	$ -	$ -	$ -
11969 - 1			$ 8,000	$ 1,304	$ 9,304				$ -		$ -	$ -	$ -	$ -
11976 - 1			$ -	$ 284,487	$ 284,487				$ -		$ -	$ -	$ -	$ -
11308 - 2			$ 99,512	$ 274,914	$ 374,426				$ -		$ -	$ -	$ -	$ -
11260 - 2			$ 45,000	$ (9,000)	$ 36,000				$ -		$ -	$ -	$ -	$ -
11261 - 1			$ 24,000	$ 6,000	$ 30,000				$ -		$ -	$ -	$ -	$ -
11307 - 2			$ 995,394	$ 1,609,116	$ 2,604,510				$ -		$ -	$ -	$ -	$ -
11259 - 2			$ 10,700	$ 10,700	$ 21,400						$ -	$ -	$ -	$ -
11270 - 3			$ 437,967	$ -	$ 437,967				$ -		$ -	$ -	$ -	$ -
11271 - 4			$ 2,634	$ (1,032)	$ 1,603				$ -		$ -	$ -	$ -	$ -
11272 - 3			$ 81,439	$ -	$ 81,439				$ -		$ -	$ -	$ -	$ -
11274 - 3			$ 26,858	$ -	$ 26,858				$ -		$ -	$ -	$ -	$ -
11278 - 3			$ 339,329	$ -	$ 339,329				$ -		$ -	$ -	$ -	$ -
11280 - 3			$ 59,191	$ -	$ 59,191				$ -		$ -	$ -	$ -	$ -
11290 - 1			$ -	$ (257,136)	$ (257,136)						$ -	$ -	$ -	$ -
11290 - 3			$ 227,997	$ 257,136	$ 485,133				$ 5.24		$ -	$ -	$ 522,305	$ -
11243 - 2			$ 5,219	$ -	$ 5,219				$ 9.23		$ -	$ -	$ 155,516	$ -
11245 - 2			$ 3,312	$ -	$ 3,312				$ 5.37		$ -	$ -	$ 57,419	$ -
11284 - 2			$ 1,566	$ -	$ 1,566				$ 18.81		$ -	$ -	$ 11,096	$ -
11287 - 1			$ -	$ (1,044)	$ (1,044)						$ -	$ -	$ -	$ -
11287 - 2			$ 2,262	$ 1,044	$ 3,306				$ 37.10		$ -	$ -	$ 14,338	$ -
11289 - 1			$ -	$ (43,255)	$ (43,255)						$ -	$ -	$ -	$ -
11289 - 2			$ 67,855	$ 43,255	$ 111,110				$ 37.10		$ -	$ -	$ 681,693	$ -
11295 - 2			$ 5,567	$ -	$ 5,567				$ -		$ -	$ -	$ -	$ -
11248 - 2			$ 55,225	$ 2,945	$ 58,170				$ -		$ -	$ -	$ -	$ -
11250 - 2			$ 1,264,691	$ 16,864	$ 1,281,555				$ -		$ -	$ -	$ -	$ -
11970 - 1			$ 1,254,908	$ (33,464)	$ 1,221,443				$ -		$ -	$ -	$ -	$ -
11263 - 2			$ 113,670	$ 33,343	$ 147,013				$ -		$ -	$ -	$ -	$ -
11264 - 2			$ 137,647	$ 132,141	$ 269,788				$ -		$ -	$ -	$ -	$ -
11302 - 2			$ 553,316	$ -	$ 553,316				$ -		$ -	$ -	$ -	$ -
11296 - 3			$ 1,164,681	$ 2,942,252	$ 4,106,933				$ -		$ -	$ -	$ -	$ -
11299 - 3			$ 257,012	$ 396,900	$ 653,912				$ -		$ -	$ -	$ -	$ -
11297 - 2			$ 37,653	$ 69,228	$ 106,881				$ -		$ -	$ -	$ -	$ -
Program Total	**0%**	**$ 629,931**	**$ 10,963,954**	**$ 5,809,160**	**$ 13,982,531**	**$ -**	**$ 11,593,885**	**$ 14,612,462**			**$ 10,757,989**	**$ 13,558,932**	**$ 1,518,004**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								Total Benefits UCT	Total Benefits TRC		
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10796 - 2	0.668837	$ 1,701.52	0.668837	$ -	$ 1,702	$ -	$ 1,702	$ 1,702	$ 2,312		
10797 - 1	0.668837	$ 13,527	0.668837	$ -	$ 13,527	$ -	$ 13,527	$ 13,527	$ 16,030		
10797 - 2	0.668837	$ 170,443	0.668837	$ -	$ 170,443	$ -	$ 170,443	$ 170,443	$ 201,973		
11975 - 1	0.805014	$ 52	0.805014	$ -	$ 52	$ -	$ 52	$ 52	$ 58		
10798 - 1	0.539055	$ 39,145	0.539055	$ -	$ 39,145	$ -	$ 39,145	$ 39,145	$ 43,060		
10799 - 1	0.741980	$ 982	0.741980	$ -	$ 982	$ -	$ 982	$ 982	$ 1,080		
11971 - 1	0.741980	$ 434	0.741980	$ -	$ 434	$ -	$ 434	$ 434	$ 477		
11242 - 2	0.355794	$ 135,259	0.355794	$ -	$ 135,259	$ -	$ 135,259	$ 135,259	$ 148,784		
11973 - 1	0.355794	$ -	0.355794	$ -	$ -	$ -	$ -	$ -	$ -		
11973 - 2	0.355794	$ 122,615	0.355794	$ -	$ 122,615	$ -	$ 122,615	$ 122,615	$ 194,439		
12008 - 1	0.355794	$ 620,960	0.355794	$ -	$ 620,960	$ -	$ 620,960	$ 620,960	$ 683,055		
11969 - 1	1.465887	$ 11,493	1.465887	$ -	$ 11,493	$ -	$ 11,493	$ 11,493	$ 12,642		
11976 - 1	1.746661	$ 50,410	1.746661	$ -	$ 50,410	$ -	$ 50,410	$ 50,410	$ 55,451		
11308 - 2	1.270144	$ -	1.270144	$ -	$ -	$ -	$ -	$ -	$ -		
11260 - 2	0.637392	$ 82,032	0.637392	$ -	$ 82,032	$ -	$ 82,032	$ 82,032	$ 90,236		
11261 - 1	0.637392	$ 10,938	0.637392	$ -	$ 10,938	$ -	$ 10,938	$ 10,938	$ 12,031		
11307 - 2	0.862804	$ -	0.862804	$ -	$ -	$ -	$ -	$ -	$ -		
11259 - 2	0.878648	$ 12,410	0.878648	$ -	$ 12,410	$ -	$ 12,410	$ 12,410	$ 13,651		
11270 - 3	0.744687	$ 798,218	0.744687	$ -	$ 798,218	$ -	$ 798,218	$ 798,218	$ 878,039		
11271 - 4	0.744687	$ 1,002	0.744687	$ -	$ 1,002	$ -	$ 1,002	$ 1,002	$ 1,102		
11272 - 3	0.744687	$ 81,670	0.744687	$ -	$ 81,670	$ -	$ 81,670	$ 81,670	$ 89,837		
11274 - 3	0.744687	$ 61,633	0.744687	$ -	$ 61,633	$ -	$ 61,633	$ 61,633	$ 67,796		
11278 - 3	0.744687	$ 529,722	0.744687	$ -	$ 529,722	$ -	$ 529,722	$ 529,722	$ 582,694		
11280 - 3	0.744687	$ 208,051	0.744687	$ -	$ 208,051	$ -	$ 208,051	$ 208,051	$ 228,856		
11290 - 1	0.618440	$ (279,495)	0.618440	$ -	$ (279,495)	$ -	$ (279,495)	$ (279,495)	$ (307,445)		
11290 - 3	0.618440	$ 481,859	0.618440	$ -	$ 481,859	$ -	$ 481,859	$ 481,859	$ 1,052,350		
11243 - 2	0.618440	$ 118,289	0.618440	$ -	$ 118,289	$ -	$ 118,289	$ 118,289	$ 285,634		
11245 - 2	0.618440	$ 43,732	0.618440	$ -	$ 43,732	$ -	$ 43,732	$ 43,732	$ 105,523		
11284 - 2	0.618440	$ 11,137	0.618440	$ -	$ 11,137	$ -	$ 11,137	$ 11,137	$ 23,347		
11287 - 1	0.618440	$ (3,740)	0.618440	$ -	$ (3,740)	$ -	$ (3,740)	$ (3,740)	$ (4,114)		
11287 - 2	0.618440	$ 11,809	0.618440	$ -	$ 11,809	$ -	$ 11,809	$ 11,809	$ 27,328		
11289 - 1	0.618440	$ (219,225)	0.618440	$ -	$ (219,225)	$ -	$ (219,225)	$ (219,225)	$ (241,147)		
11289 - 2	0.618440	$ 561,451	0.618440	$ -	$ 561,451	$ -	$ 561,451	$ 561,451	$ 1,299,289		
11295 - 2	0.846068	$ 20,932	0.846068	$ -	$ 20,932	$ -	$ 20,932	$ 20,932	$ 23,025		
11248 - 2	1.846432	$ 163,150	1.846432	$ -	$ 163,150	$ -	$ 163,150	$ 163,150	$ 179,465		
11250 - 2	1.846432	$ 1,743,593	1.846432	$ -	$ 1,743,593	$ -	$ 1,743,593	$ 1,743,593	$ 1,917,952		
11970 - 1	1.846432	$ 3,089,468	1.846432	$ -	$ 3,089,468	$ -	$ 3,089,468	$ 3,089,468	$ 3,398,415		
11263 - 2	1.846432	$ 391,783	1.846432	$ -	$ 391,783	$ -	$ 391,783	$ 391,783	$ 430,962		
11264 - 2	1.846432	$ 260,933	1.846432	$ -	$ 260,933	$ -	$ 260,933	$ 260,933	$ 287,026		
11302 - 2	1.846432	$ -	1.846432	$ -	$ -	$ -	$ -	$ -	$ -		
11296 - 3	1.846432	$ 5,450,004	1.846432	$ -	$ 5,450,004	$ -	$ 5,450,004	$ 5,450,004	$ 5,995,005		
11299 - 3	1.846432	$ 1,606,708	1.846432	$ -	$ 1,606,708	$ -	$ 1,606,708	$ 1,606,708	$ 1,767,379		
11297 - 2	1.846432	$ 152,952	1.846432	$ -	$ 152,952	$ -	$ 152,952	$ 152,952	$ 168,247		
Program Total								**$ 16,558,036**	**$ 19,731,844**	**1.54**	**1.46**

Summary

Discount Rate 7.80%

Overhead Rider:

Not used DSM1 Not

Not Used - total only Not used - total only

Total PV Benefits Total PV Costs

Total Benefits UCT - Total Benefits TRC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula v-t	paste	unused modfy	formula: S + T	formula: S + V	paste	paste	formula: U(1+ElecDiscountRate) -1	formula: V(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR						formula: Logic w lookup from AC tables and adjust		Formula: Utility Savings (AE)*(1.1+ΔO+ΔE	formula: ΔM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Eqiuipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E218	Multi Family New Construction	11044 - 1	MFNC: Clothes Washer - Energy Star	14		14	0.85	Comm Water Heat	819	38		$108.00	$108.00	$ -	30,262			$ 81,900	$ 6,840	$ 88,740				$ 20.47				$ 140,080	$ -	0.770785	$ 61,864.71	0.770785	$ -	$ 61,865	$ -	$ 61,865	$ 208,131		
E218	Multi Family New Construction	11051 - 1	MFNC: Clothes Washer - CEE Tier 3	14		14	0.27	Comm Water Heat	360	71		$75.00	$76.00	$ -	25,560			$ 27,000	$ 1,080	$ 27,667								$ -	$ -	0.770785	$ 19,701	0.770785	$ -	$ 19,701	$ -	$ 19,701	$ 21,671		
E218	Multi Family New Construction	10073 - 1	Boiler - Hot Water - Custom	24		24	0.00	Comm Water Heat	1	0				$ -	0			$ -	$ -	$ -								$ -	$ -	1.001037	$ -	1.001037	$ -	$ -	$ -	$ -	$ -		
E218	Multi Family New Construction	10076 - 1	Lighting Power Density Reduction - Custom	15		15	1.45	Comm Lighting	1	126,077				$ -	126,077			$ 26,641	$ -	$ 26,641								$ -	$ -	0.862804	$ 110,505	0.862804	$ -	$ 110,505	$ -	$ 110,505	$ 121,556		
E218	Multi Family New Construction	10076 - 1	Lighting Power Density Reduction - Custom	15		15	7.83	Comm Lighting	1	688,381				$ -	688,381			$ 147,984	$ -	$ 147,984								$ -	$ -	0.862804	$ 593,938	0.862804	$ -	$ 593,938	$ -	$ 593,938	$ 653,331		
E218	Multi Family New Construction	10055 - 1	Whole Building Design - Custom	15		15	0.00	Comm Flat	1	0				$ -	0			$ -	$ -	$ -								$ -	$ -	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -		
E218	Multi Family New Construction	10055 - 1	Whole Building Design - Custom	15		15	3.57	Comm Flat	1	270,143				$ -	270,143			$ 70,224	$ -	$ 70,224								$ -	$ -	0.807777	$ 218,215	0.807777	$ -	$ 218,215	$ -	$ 218,215	$ 240,037		
E218	Multi Family New Construction	10258 - 1	Generic Measure - Custom	15		15	0.12	Comm Flat	1	10,449				$ -	10,449			$ 1,200	$ -	$ 1,200								$ -	$ -	0.807777	$ 8,440	0.807777	$ -	$ 8,440	$ -	$ 8,440	$ 9,286		
E218	Multi Family New Construction	11045 - 1	MFNC: Showerhead - ENRI - 1.75 gpm max	10		10	0.20	Rec Water Heat	117	222		$15.00	$31.00	$ 16	25,974			$ 1,755	$ 1,872	$ 1,755								$ -	$ -	0.618440	$ 16,063	0.618440	$ -	$ 16,063	$ -	$ 16,063	$ 17,670		
E218	Multi Family New Construction	11045 - 2	MFNC: Showerhead - ENRI - 1.75 gpm max	10		10	0.64	Rec Water Heat	409	195		$15.00	$17.00	$ 2	84,102			$ 6,075	$ 891	$ 6,544				$ 24.18				$ 88,308	$ -	0.618440	$ 48,841	0.618440	$ -	$ 48,841	$ -	$ 48,841	$ 105,124		
E218	Multi Family New Construction	11046 - 2	MFNC: Showerhead - ENRI - 1.5 gpm max	10		10	0.04	Rec Water Heat	21	243		$25.00	$17.30	$ (8)	5,103			$ 525	$ (164)	$ 361				$ 29.20				$ 4,158	$ -	0.618440	$ 3,156	0.618440	$ -	$ 3,156	$ -	$ 3,156	$ 7,529		
			Program Total			**14.48**									**1,319,180**		**8%**	**$ 208,155**	**$ 362,368**	**$ 10,159**	**$ 379,480**	**$ -**	**$ 562,331**	**$ 170,243**			**$ 321,074**	**$ 529,138**	**$ 210,638**									**$ 1,069,723**	**$ 2,390,433**	**2.87**	**2.64**

Summary

Discount Rate: 7.80%

Overhead Budget:

Not Used - total only Not used - total only

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	Not use DBC for paste	formula y-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Costs UCT formula: U/(1+ElecDiscountRate)^1	Total PV Costs TRC formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountRa								Total Benefits UCT formula: Logic to lookup from AC tables and adjust	Total Benefits TRC Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E250	Energy Smart Grocer	11737 - 1	ESG: Display Case - Replacement	20		20	0.01	Comm Refrigeration	1	49,611		$ 2,720	$74,085.77	$ 71,366	49.611			$ 2.720	$ 71.366	$ 74.086				$ -				$ -	$ -	0.965304	$ 47.889.80	0.965304	$ -	$ 47.890	$ -	$ 47.890	$ 47.890	$ 52.679		
E250	Commercial Industrial Retrofit	10061 - 1	Compressed Air System - Custom	10		10	0.03	Comm Flat	1	273,669		$ 22,524	$32,298.00	$ 9,774	273.669			$ 22.524	$ 9.774	$ 32.298								$ -	$ -	0.589236	$ 161.255.51	0.589236	$ -	$ 161.256	$ -	$ 161.256	$ 161.256	$ 177.381		
	Commercial Industrial Retrofit	10071 - 1	Compressor or Dryer or Receiver - Custom	15		15	0.15	Comm Flat	1	868,484		$ 152,860	$226,286.96	$ 73,427	868.484			$ 152.860	$ 73.427	$ 226.287								$ -	$ -	0.807777	$ 701.541.31	0.807777	$ -	$ 701.541	$ -	$ 701.541	$ 701.541	$ 771.695		
	Commercial Industrial Retrofit	10049 - 1	HVAC Control - Base - Custom	10		10	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10049 - 1	HVAC Control - Base - Custom	10		10	0.00	Comm Space Heat	1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10049 - 1	HVAC Control - Base - Custom	10		10	0.06	Comm Space Heat	1	538,498		$ 161,549	$161,549.00	$ -	538.498			$ 161.549	$ -	$ 161.549								$ -	$ -	1.437044	$ 773.845.13	1.437044	$ -	$ 773.845	$ -	$ 773.845	$ 773.845	$ 851.230		
	Commercial Industrial Retrofit	10049 - 1	HVAC Control - Base - Custom	10		10	0.10	Comm Space Heat	1	857,998		$ 257,398	$257,398.00	$ -	857.998			$ 257.398	$ -	$ 257.398								$ -	$ -	1.437044	$ 1.232.980.57	1.437044	$ -	$ 1.232.981	$ -	$ 1.232.981	$ 1.232.981	$ 1.356.279		
	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.00	Comm Space Heat	1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.00	Comm Space Heat	1	23,126		$ 6,938	$15,658.00	$ 8,720	23.126			$ 6.938	$ 8.720	$ 15.658								$ -	$ -	1.437044	$ 33.233.07	1.437044	$ -	$ 33.233	$ -	$ 33.233	$ 33.233	$ 36.556		
	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.03	Comm Space Heat	1	261,666		$ 59,030	$117,556.24	$ 58,526	261.666			$ 59.030	$ 58.526	$ 117.556								$ -	$ -	1.437044	$ 376.025.46	1.437044	$ -	$ 376.025	$ -	$ 376.025	$ 376.025	$ 413.628		
	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.05	Comm Space Heat	1	423,031		$ 94,232	$154,403.87	$ 60,172	423.031			$ 94.232	$ 60.172	$ 154.404								$ -	$ -	1.437044	$ 607.914.01	1.437044	$ -	$ 607.914	$ -	$ 607.914	$ 607.914	$ 668.705		
	Commercial Industrial Retrofit	11912 - 1	HVAC Control - Performance - Custom	10		10	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	11912 - 1	HVAC Control - Performance - Custom	10		10	0.13	Comm Space Heat	1	1,131,255		$ 641,427	$1,230,830.00	$ 589,403	1.131.255			$ 641.427	$ 589.403	$ 1.230.830								$ -	$ -	1.437044	$ 1.625.662.80	1.437044	$ -	$ 1.625.663	$ -	$ 1.625.663	$ 1.625.663	$ 1.788.229		
	Commercial Industrial Retrofit	11931 - 1	RTU Control - Advanced - Custom	10		10	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	11931 - 1	RTU Control - Advanced - Custom	10		10	0.00	Comm Space Heat	1	32,985		$ 6,192	$8,845.41	$ 2,653	32.985			$ 6.192	$ 2.653	$ 8.845								$ -	$ -	1.437044	$ 47.400.88	1.437044	$ -	$ 47.401	$ -	$ 47.401	$ 47.401	$ 52.141		
	Commercial Industrial Retrofit	11931 - 1	RTU Control - Advanced - Custom	10		10	0.01	Comm Space Heat	1	127,012		$ 29,127	$44,972.00	$ 15,846	127.012			$ 29.127	$ 15.846	$ 44.972								$ -	$ -	1.437044	$ 182.521.79	1.437044	$ -	$ 182.522	$ -	$ 182.522	$ 182.522	$ 200.774		
	Commercial Industrial Retrofit	12054 - 1	RTU Control - Advanced - Prescriptive	10		10	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
	Energy Smart Grocer	11724 - 1	ESG: Control - HVAC	10		10	0.01	Comm Space Heat	1	70,249		$ 13,650	$25,120.14	$ 11,470	70.249			$ 13.650	$ 11.470	$ 25.120								$ -	$ -	1.437044	$ 100.950.74	1.437044	$ -	$ 100.951	$ -	$ 100.951	$ 100.951	$ 111.046		
	Commercial Industrial Retrofit	11914 - 1	Process - Modification - Custom	15		15	0.00	Comm Flat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	11914 - 1	Process - Modification - Custom	15		15	0.01	Comm Flat	1	45,682		$ 13,705	$25,800.87	$ 12,096	45.682			$ 13.705	$ 12.096	$ 25.801								$ -	$ -	0.807777	$ 36.900.87	0.807777	$ -	$ 36.901	$ -	$ 36.901	$ 36.901	$ 40.591		
	Commercial Industrial Retrofit	11914 - 1	Process - Modification - Custom	15		15	0.08	Comm Flat	1	453,583		$ 135,303	$265,746.51	$ 130,444	453.583			$ 135.303	$ 130.444	$ 265.747								$ -	$ -	0.807777	$ 366.393.95	0.807777	$ -	$ 366.394	$ -	$ 366.394	$ 366.394	$ 403.033		
	Commercial Industrial Retrofit	11914 - 1	Process - Modification - Custom	15		15	0.45	Comm Flat	1	2,516,554		$ 691,033	$1,512,382.51	$ 821,350	2.516.554			$ 691.033	$ 821.350	$ 1.512.383								$ -	$ -	0.807777	$ 2.032.814.61	0.807777	$ -	$ 2.032.815	$ -	$ 2.032.815	$ 2.032.815	$ 2.236.096		
	Energy Smart Grocer	11731 - 1	ESG: Control - Anti Sweat	10		10	0.00	Comm Refrigeration	1	29,566		$ 4,020	$6,171.78	$ 2,152	29.566			$ 4.020	$ 2.152	$ 6.172								$ -	$ -	0.580272	$ 17.156.03	0.580272	$ -	$ 17.156	$ -	$ 17.156	$ 17.156	$ 18.872		
	Energy Smart Grocer	11733 - 1	ESG: Control - Floating Head Pressure	10		10	0.01	Comm Refrigeration	1	47,167		$ 6,690	$39,209.85	$ 32,520	47.167			$ 6.690	$ 32.520	$ 39.210								$ -	$ -	0.580272	$ 27.369.81	0.580272	$ -	$ 27.370	$ -	$ 27.370	$ 27.370	$ 30.107		
	Energy Smart Grocer	11734 - 1	ESG: Control - Floating Suction Pressure	10		10	0.00	Comm Refrigeration	1	34,163		$ 1,673	$9,802.46	$ 8,130	34.163			$ 1.673	$ 8.130	$ 9.802								$ -	$ -	0.580272	$ 19.823.86	0.580272	$ -	$ 19.824	$ -	$ 19.824	$ 19.824	$ 21.806		
	Energy Smart Grocer	11966 - 1	ESG: Control - Refrigeration	10		10	0.00	Comm Refrigeration	1	6,230		$ 1,869	$3,437.50	$ 1,569	6.230			$ 1.869	$ 1.569	$ 3.438								$ -	$ -	0.580272	$ 3.615.09	0.580272	$ -	$ 3.615	$ -	$ 3.615	$ 3.615	$ 3.977		
	Commercial Industrial Retrofit	10046 - 1	Energy Recovery System - Custom	15		15	0.00	Comm Flat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10046 - 1	Energy Recovery System - Custom	15		15	0.00	Comm Flat	1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10046 - 1	Energy Recovery System - Custom	15		15	0.00	Comm Flat	1	8,704		$ 1,038	$1,483.21	$ 445	8.704			$ 1.038	$ 445	$ 1.483								$ -	$ -	0.807777	$ 7.030.89	0.807777	$ -	$ 7.031	$ -	$ 7.031	$ 7.031	$ 7.734		
	Commercial Industrial Retrofit	10046 - 1	Energy Recovery System - Custom	15		15	0.01	Comm Flat	1	52,949		$ 15,885	$46,512.04	$ 30,627	52.949			$ 15.885	$ 30.627	$ 46.512								$ -	$ -	0.807777	$ 42.770.99	0.807777	$ -	$ 42.771	$ -	$ 42.771	$ 42.771	$ 47.048		
	Commercial Industrial Retrofit	10060 - 1	CBTU - Assessment Phase	7		7	0.00	Comm Flat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.439725	$ -	0.439725	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10060 - 1	CBTU - Assessment Phase	7		7	0.00	Comm Flat	1			$ 9,445	$9,445.00	$ -				$ 9.445	$ -	$ 9.445								$ -	$ -	0.439725	$ -	0.439725	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10063 - 1	CBTU - Commissioning Phase	7		7	0.00	Comm Flat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.439725	$ -	0.439725	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10063 - 1	CBTU - Commissioning Phase	7		7	0.00	Comm Flat	1	29,667		$ 1,483	$9,700.00	$ 8,217	29.667			$ 1.483	$ 8.217	$ 9.700								$ -	$ -	0.439725	$ 13.045.34	0.439725	$ -	$ 13.045	$ -	$ 13.045	$ 13.045	$ 14.350		
	Commercial Industrial Retrofit	10063 - 1	CBTU - Commissioning Phase	7		7	0.03	Comm Flat	1	359,547		$ 70,626	$195,308.00	$ 124,682	359.547			$ 70.626	$ 124.682	$ 195.308								$ -	$ -	0.439725	$ 158.101.98	0.439725	$ -	$ 158.102	$ -	$ 158.102	$ 158.102	$ 173.912		
	Commercial Industrial Retrofit	10064 - 1	CBTU - Performance Phase	7		7	0.00	Comm Flat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.439725	$ -	0.439725	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10064 - 1	CBTU - Performance Phase	7		7	0.01	Comm Flat	1	154,091		$ 16,757	$0.00	$ (16,757)	154.091			$ 16.757	$ (16.757)	$ -								$ -	$ -	0.439725	$ 67.757.74	0.439725	$ -	$ 67.758	$ -	$ 67.758	$ 67.758	$ 74.534		
	Commercial Industrial Retrofit	10054 - 1	HVAC - Central Equipment - Custom	15		15	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.910065	$ -	1.910065	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.00		1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.00		1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.00		1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.00		1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
	Commercial Industrial Retrofit	10039 - 1	HVAC - Other - Custom	15		15	0.00	Comm Space Heat	1	15,632		$ 4,550	$6,928.07	$ 2,378	15.632			$ 4.550	$ 2.378	$ 6.928								$ -	$ -	1.910065	$ 29.858.14	1.910065	$ -	$ 29.858	$ -	$ 29.858	$ 29.858	$ 32.844		
	Commercial Industrial Retrofit	10039 - 1	HVAC - Other - Custom	15		15	0.00	Comm Space Heat	1	26,639		$ 2,832	$4,045.00	$ 1,213	26.639			$ 2.832	$ 1.213	$ 4.045								$ -	$ -	1.910065	$ 50.882.22	1.910065	$ -	$ 50.882	$ -	$ 50.882	$ 50.882	$ 55.970		
	Energy Smart Grocer	11965 - 1	ESG: HVAC System	15		15	0.04	Comm Space Heat	1	239,714		$ 70,556	$742,580.27	$ 672,024	239.714			$ 70.556	$ 672.024	$ 742.580								$ -	$ -	1.910065	$ 457.869.34	1.910065	$ -	$ 457.869	$ -	$ 457.869	$ 457.869	$ 503.656		
	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.00	Comm Flat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.00	Comm Flat	1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.01	Comm Flat	1	35,514		$ 10,654	$28,991.57	$ 18,338	35.514			$ 10.654	$ 18.338	$ 28.992								$ -	$ -	0.807777	$ 28.687.07	0.807777	$ -	$ 28.687	$ -	$ 28.687	$ 28.687	$ 31.556		
	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.01	Comm Flat	1	48,604		$ 14,581	$58,375.00	$ 43,794	48.604			$ 14.581	$ 43.794	$ 58.375								$ -	$ -	0.807777	$ 39.261.20	0.807777	$ -	$ 39.261	$ -	$ 39.261	$ 39.261	$ 43.187		
	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.02	Comm Flat	1	139,017		$ 38,007	$156,596.93	$ 118,590	139.017			$ 38.007	$ 118.590	$ 156.597								$ -	$ -	0.807777	$ 112.294.74	0.807777	$ -	$ 112.295	$ -	$ 112.295	$ 112.295	$ 123.524		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	0.00	Comm Lighting	1	0		$ -	$8,518.56	$ 8,519	0			$ -	$ 8.519	$ 8.519								$ -	$ -	0.862804	$ -	0.862804	$ -	$ -	$ -	$ -	$ -	$ -		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	0.00	Comm Lighting	1	8,797		$ 1,759	$6,063.73	$ 4,304	8.797			$ 1.759	$ 4.304	$ 6.064								$ -	$ -	0.862804	$ 7.590.08	0.862804	$ -	$ 7.590	$ -	$ 7.590	$ 7.590	$ 8.349		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	0.01	Comm Lighting	1	55,235		$ 6,628	$18,279.00	$ 11,651	55.235			$ 6.628	$ 11.651	$ 18.279								$ -	$ -	0.862804	$ 47.656.95	0.862804	$ -	$ 47.657	$ -	$ 47.657	$ 47.657	$ 52.423		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	0.01	Comm Lighting	1	78,530		$ 9,424	$18,067.00	$ 8,643	78.530			$ 9.424	$ 8.643	$ 18.067								$ -	$ -	0.862804	$ 67.755.96	0.862804	$ -	$ 67.756	$ -	$ 67.756	$ 67.756	$ 74.532		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	0.21	Comm Lighting	1	1,206,616		$ 137,022	$313,167.36	$ 176,145	1.206.616			$ 137.022	$ 176.145	$ 313.167								$ -	$ -	0.862804	$ 1.041.072.55	0.862804	$ -	$ 1.041.073	$ -	$ 1.041.073	$ 1.041.073	$ 1.145.180		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	0.33	Comm Lighting	1	1,864,258		$ 244,792	$1,020,692.22	$ 775,900	1.864.258			$ 244.792	$ 775.900	$ 1.020.692								$ -	$ -	0.862804	$ 1.608.488.39	0.862804	$ -	$ 1.608.488	$ -	$ 1.608.488	$ 1.608.488	$ 1.769.337		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	1.46	Comm Lighting	1	8,256,536		$ 1,217,855	$3,605,970.38	$ 2,388,115	8.256.536			$ 1.217.855	$ 2.388.115	$ 3.605.970								$ -	$ -	0.862804	$ 7.123.768.80	0.862804	$ -	$ 7.123.769	$ -	$ 7.123.769	$ 7.123.769	$ 7.836.146		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	1.81	Comm Lighting	1	10,242,317		$ 2,118,180	$4,507,348.70	$ 2,389,168	10.242.317			$ 2.118.180	$ 2.389.168	$ 4.507.349								$ -	$ -	0.862804	$ 8.837.107.33	0.862804	$ -	$ 8.837.107	$ -	$ 8.837.107	$ 8.837.107	$ 9.720.818		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	3.18	Comm Lighting	1	17,934,471		$ 3,126,719	$7,609,454.24	$ 4,482,736	17.934.471			$ 3.126.719	$ 4.482.736	$ 7.609.454								$ -	$ -	0.862804	$ 15.473.925.00	0.862804	$ -	$ 15.473.925	$ -	$ 15.473.925	$ 15.473.925	$ 17.021.317		
	Business Lighting	10059 - 1	Lighting - Custom	15		15	3.99	Comm Lighting	1	22,552,535		$ 4,440,011	$10,175,783.73	$ 5,735,773	22.552.535			$ 4.440.011	$ 5.735.773	$ 10.175.784								$ -	$ -	0.862804	$ 19.458.406.95	0.862804	$ -	$ 19.458.407	$ -	$ 19.458.407	$ 19.458.407	$ 21.404.248		
	Commercial Industrial Retrofit	10059 - 1	Lighting - Custom	15		15	0.05	Comm Lighting	1	308,866		$ 61,773	$124,635.00	$ 62,862	308.866			$ 61.773	$ 62.862	$ 124.635								$ -	$ -	0.862804	$ 266.490.68	0.862804	$ -	$ 266.491	$ -	$ 266.491	$ 266.491	$ 293.140		
	Energy Smart Grocer	11727 - 1	ESG: Lighting - General	12		12	0.19	Comm Lighting	1	1,355,893		$ 157,211	$246,137.62	$ 88,927	1.355.893			$ 157.211	$ 88.927	$ 246.138								$ -	$ -	0.731381	$ 991.674.25	0.731381	$ -	$ 991.674	$ -	$ 991.674	$ 991.674	$ 1.090.842		
	Energy Smart Grocer	11736 - 1	ESG: Lighting - Display Case	12		12	0.04	Comm Lighting	1	277,745		$ 38,501	$64,637.91	$ 26,137	277.745			$ 38.501	$ 26.137	$ 64.638								$ -	$ -	0.731381	$ 203.137.39	0.731381	$ -	$ 203.137	$ -	$ 203.137	$ 203.137	$ 223.451		
	Business Lighting	10074 - 1	Lighting - Street - Custom	20		20	0.05	Comm Lighting	1	214,191		$ 34,167	$157,201.03	$ 123,034	214.191			$ 34.167	$ 123.034	$ 157.201								$ -	$ -	1.042964	$ 223.393.52	1.042964	$ -	$ 223.394	$ -	$ 223.394	$ 223.394	$ 245.733		
	Business Lighting	10074 - 1	Lighting - Street - Custom	20		20	0.12	Comm Lighting	1	511,068		$ 97,012	$280,023.15	$ 183,011	511.068			$ 97.012	$ 183.011	$ 280.023								$ -	$ -	1.042964	$ 533.025.58	1.042964	$ -	$ 533.026	$ -	$ 533.026	$ 533.026	$ 586.328		
	Business Lighting	10074 - 1	Lighting - Street - Custom	20		20	1.05	Comm Lighting	1	4,438,342		$ 878,657	$6,016,099.58	$ 5,137,443	4.438.342			$ 878.657	$ 5.137.443	$ 6.016.100								$ -	$ -	1.042964	$ 4.629.031.40	1.042964	$ -	$ 4.629.031	$ -	$ 4.629.031	$ 4.629.031	$ 5.091.935		
	Energy Smart Grocer	11732 - 1	ESG: Motor - ECM	15		15	0.01	Comm Refrigeration	1	79,686		$ 6,600	$9,673.60	$ 3,074	79.686			$ 6.600	$ 3.074	$ 9.674								$ -	$ -	0.796197	$ 63.445.74	0.796197	$ -	$ 63.446	$ -	$ 63.446	$ 63.446	$ 69.790		
	Energy Smart Grocer	11725 - 1	ESG: Motor - VFD	15		15	0.04	Comm Space Heat	1	207,894		$ 19,125	$48,373.03	$ 29,248	207.894			$ 19.125	$ 29.248	$ 48.373								$ -	$ -	1.910065	$ 397.091.72	1.910065	$ -	$ 397.092	$ -	$ 397.092	$ 397.092	$ 436.801		
	Commercial Industrial Retrofit	10058 - 1	Fan - VFD - Custom	15		15	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.910065	$ -	1.910065	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10058 - 1	Fan - VFD - Custom	15		15	0.01	Comm Space Heat	1	36,319		$ 23,506	$51,287.00	$ 27,781	36.319			$ 23.506	$ 27.781	$ 51.287								$ -	$ -	1.910065	$ 69.371.65	1.910065	$ -	$ 69.372	$ -	$ 69.372	$ 69.372	$ 76.309		
	Commercial Industrial Retrofit	10058 - 1	Fan - VFD - Custom	15		15	0.02	Comm Space Heat	1	131,631		$ 23,618	$35,679.81	$ 12,062	131.631			$ 23.618	$ 12.062	$ 35.680								$ -	$ -	1.910065	$ 251.423.77	1.910065	$ -	$ 251.424	$ -	$ 251.424	$ 251.424	$ 276.566		
	Commercial Industrial Retrofit	10058 - 1	Fan - VFD - Custom	15		15	0.12	Comm Space Heat	1	682,182		$ 136,888	$210,320.94	$ 73,433	682.182			$ 136.888	$ 73.433	$ 210.321								$ -	$ -	1.910065	$ 1.303.012.01	1.910065	$ -	$ 1.303.012	$ -	$ 1.303.012	$ 1.303.012	$ 1.433.313		
	Commercial Industrial Retrofit	10070 - 1	Pump - VFD - Custom	15		15	0.00	Comm Space Heat	1	21,788		$ 6,536	$16,508.77	$ 9,973	21.788			$ 6.536	$ 9.973	$ 16.509								$ -	$ -	1.910065	$ 41.616.50	1.910065	$ -	$ 41.616	$ -	$ 41.616	$ 41.616	$ 45.778		
	Commercial Industrial Retrofit	10070 - 1	Pump - VFD - Custom	15		15	0.04	Comm Space Heat	1	202,662		$ 8,349	$11,927.00	$ 3,578	202.662			$ 8.349	$ 3.578	$ 11.927								$ -	$ -	1.910065	$ 387.097.61	1.910065	$ -	$ 387.098	$ -	$ 387.098	$ 387.098	$ 425.807		
	Business Lighting	11962 - 1	Generic Measure - Prescriptive	15		15	0.00	Comm Flat	1	35		$ 45	$45.00	$ -	35			$ 45	$ -	$ 45								$ -	$ -	0.807777	$ 28.27	0.807777	$ -	$ 28	$ -	$ 28	$ 28	$ 31		
	Business Lighting	11962 - 1	Generic Measure - Prescriptive	15		15	0.00	Comm Flat	1	594		$ 132	$132.00	$ -	594			$ 132	$ -	$ 132								$ -	$ -	0.807777	$ 479.82	0.807777	$ -	$ 480	$ -	$ 480	$ 480	$ 528		
	Business Lighting	11962 - 1	Generic Measure - Prescriptive	15		15	0.00	Comm Flat	1	832		$ 200	$584.00	$ 384	832			$ 200	$ 384	$ 584								$ -	$ -	0.807777	$ 672.07	0.807777	$ -	$ 672	$ -	$ 672	$ 672	$ 739		
	Business Lighting	11962 - 1	Generic Measure - Prescriptive	15		15	0.00	Comm Flat	1	6,590		$ 727	$727.00	$ -	6.590			$ 727	$ -	$ 727								$ -	$ -	0.807777	$ 5.323.25	0.807777	$ -	$ 5.323	$ -	$ 5.323	$ 5.323	$ 5.856		
	Business Lighting	11962 - 1	Generic Measure - Prescriptive	15		15	0.00	Comm Flat	1	26,427		$ 4,620	$4,620.00	$ -	26.427			$ 4.620	$ -	$ 4.620								$ -	$ -	0.807777	$ 21.347.12	0.807777	$ -	$ 21.347	$ -	$ 21.347	$ 21.347	$ 23.482		
	Business Lighting	11962 - 1	Generic Measure - Prescriptive	15		15	0.01	Comm Flat	1	77,764		$ 13,825	$23,965.86	$ 10,141	77.764			$ 13.825	$ 10.141	$ 23.966								$ -	$ -	0.807777	$ 62.815.98	0.807777	$ -	$ 62.816	$ -	$ 62.816	$ 62.816	$ 69.098		
	Commercial Industrial Retrofit	10258 - 1	Generic Measure - Custom	15		15	0.08	Comm Flat	1	437,795		$ 73,550	$105,223.00	$ 31,673	437.795			$ 73.550	$ 31.673	$ 105.223								$ -	$ -	0.807777	$ 353.640.76	0.807777	$ -	$ 353.641	$ -	$ 353.641	$ 353.641	$ 389.005		
	Industrial System Optimization	10258 - 1	Generic Measure - Custom	15		15	0.11	Comm Flat	1	620,073		$ 4,802	$6,860.41	$ 2,058	620.073			$ 4.802	$ 2.058	$ 6.860								$ -	$ -	0.807777	$ 500.880.75	0.807777	$ -	$ 500.881	$ -	$ 500.881	$ 500.881	$ 550.969		
	Industrial System Optimization	10258 - 1	Generic Measure - Custom	15		15	0.44	Comm Flat	1	2,473,639		$ 19,377	$42,292.88	$ 22,916	2.473.639			$ 19.377	$ 22.916	$ 42.293								$ -	$ -	0.807777	$ 1.998.148.86	0.807777	$ -	$ 1.998.149	$ -	$ 1.998.149	$ 1.998.149	$ 2.197.964		
	Commercial Industrial Retrofit	10261 - 1	Refrigeration - Custom	20		20	0.04	Comm Refrigeration	1	184,363		$ 55,309	$105,087.50	$ 49,779	184.363			$ 55.309	$ 49.779	$ 105.088								$ -	$ -	0.965304	$ 177.966.42	0.965304	$ -	$ 177.966	$ -	$ 177.966	$ 177.966	$ 195.763		
	Commercial Industrial Retrofit	10261 - 1	Refrigeration - Custom	20		20	0.08	Comm Refrigeration	1	358,785		$ 80,171	$114,530.00	$ 34,359	358.785			$ 80.171	$ 34.359	$ 114.530								$ -	$ -	0.965304	$ 346.336.76	0.965304	$ -	$ 346.337	$ -	$ 346.337	$ 346.337	$ 380.970		
	Energy Smart Grocer	11967 - 1	ESG: Refrigeration System	15		15	0.04	Comm Refrigeration	1	216,569		$ 24,567	$162,166.01	$ 137,599	216.569			$ 24.567	$ 137.599	$ 162.166								$ -	$ -	0.796197	$ 172.431.54	0.796197	$ -	$ 172.432	$ -	$ 172.432	$ 172.432	$ 189.675		
	Energy Smart Grocer	11967 - 2	ESG: Refrigeration System	15		15	0.01	Comm Refrigeration	1	56,307		$ 7,317	$35,256.68	$ 27,940	56.307			$ 7.317	$ 27.940	$ 35.257								$ -	$ -	0.796197	$ 44.831.45	0.796197	$ -	$ 44.831	$ -	$ 44.831	$ 44.831	$ 49.315		
	Energy Smart Grocer	11723 - 1	ESG: Refrigeration - Open Case Door	15		15	0.11	Comm Refrigeration	1	614,136		$ 111,100	$404,263.39	$ 293,163	614.136			$ 111.100	$ 293.163	$ 404.263								$ -	$ -	0.796197	$ 488.973.24	0.796197	$ -	$ 488.973	$ -	$ 488.973	$ 488.973	$ 537.871		
	Energy Smart Grocer	11729 - 1	ESG: Sealing - Gasket	3		3	0.00	Comm Refrigeration	1	8,337		$ 1,135	$5,307.25	$ 4,172	8.337			$ 1.135	$ 4.172	$ 5.307								$ -	$ -	0.203142	$ 1.693.59	0.203142	$ -	$ 1.694	$ -	$ 1.694	$ 1.694	$ 1.863		
	Commercial Industrial Retrofit	10042 - 1	Water Heater - Commercial - Custom	15		15	0.00	Comm Water Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	0.810409	$ -	0.810409	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10042 - 1	Water Heater - Commercial - Custom	15		15	0.00	Comm Water Heat	1	13,279		$ 2,937	$4,930.35	$ 1,993	13.279			$ 2.937	$ 1.993	$ 4.930								$ -	$ -	0.810409	$ 10.761.42	0.810409	$ -	$ 10.761	$ -	$ 10.761	$ 10.761	$ 11.838		
	Commercial Industrial Retrofit	10037 - 1	Insulation - Building Shell - Custom	24		24	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	2.481052	$ -	2.481052	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10037 - 1	Insulation - Building Shell - Custom	24		24	0.00	Comm Space Heat	1			$ -	$0.00	$ -				$ -	$ -	$ -								$ -	$ -	2.481052	$ -	2.481052	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10041 - 1	Window - Custom	30		30	0.00	Comm Space Heat	1	0		$ -	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	2.723064	$ -	2.723064	$ -	$ -	$ -	$ -	$ -	$ -		
	Commercial Industrial Retrofit	10041 - 1	Window - Custom	30		30	0.01	Comm Space Heat	1	14,567		$ 4,095	$14,023.74	$ 9,929	14.567			$ 4.095	$ 9.929	$ 14.024								$ -	$ -	2.723064	$ 39.666.88	2.723064	$ -	$ 39.667	$ -	$ 39.667	$ 39.667	$ 43.634		
			Program Total				**15.00**								**84,678,261**	**0%**	**$ 4,346,796**	**$ 16,182,538**	**$ 25,300,790**	**$ 41,057,384**	**$ -**	**$ 20,529,333**	**$ 45,404,180**			**$ 19,049,210**	**$ 42,130,630**	**$ -**									**$ 76,654,437**	**$ 84,319,881**	**4.02**	**2.00**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E251	Energy Smart Grocer New Construction	11739 - 1	ESGNC: Display Case	20		20	0.14	Comm Refrigeration	1	169,682				$ -
E251	Commercial Industrial New Construction	10061 - 1	Compressed Air System - Custom	10		10	0.01	Comm Flat	1	19,849				$ -
	Commercial Industrial New Construction	10071 - 1	Compressor or Dryer or Receiver - Custom	15		15	0.01	Comm Flat	1	16,734				
	Commercial Industrial New Construction	10071 - 1	Compressor or Dryer or Receiver - Custom	15		15	0.02	Comm Flat	1	30,120				
	Commercial Industrial New Construction	10057 - 1	HVAC Control - Only - Custom	10		10	0.00	Comm Space Heat	1	0				
	Commercial Industrial New Construction	10057 - 1	HVAC Control - Only - Custom	10		10	0.00	Comm Space Heat	1	4,998				
	Energy Smart Grocer New Construction	11744 - 1	ESGNC: Control - Refrigeration	10		10	0.05	Comm Refrigeration	1	114,120				
	Commercial Industrial New Construction	10046 - 1	Energy Recovery System - Custom	15		15	0.55	Comm Flat	1	896,728				
	Commercial Industrial New Construction	11930 - 1	Commissioning - Custom	7		7	0.00	Comm Flat	1	0				
	Commercial Industrial New Construction	11930 - 1	Commissioning - Custom	7		7	0.02	Comm Flat	1	57,440				
	Commercial Industrial New Construction	10073 - 1	Boiler - Hot Water - Custom	24		24	0.00	Comm Water Heat	1	0				
	Energy Smart Grocer New Construction	11740 - 1	ESGNC: HVAC System	15		15	0.10	Comm Space Heat	1	167,076				
	Commercial Industrial New Construction	10059 - 1	Lighting - Custom	15		15	0.29	Comm Lighting	1	473,658				
	Commercial Industrial New Construction	10059 - 1	Lighting - Custom	15		15	1.36	Comm Lighting	1	2,217,699				
	Commercial Industrial New Construction	10059 - 1	Lighting - Custom	15		15	5.22	Comm Lighting	1	8,510,646				
	Commercial Industrial New Construction	10059 - 1	Lighting - Custom	15		15	5.65	Comm Lighting	1	9,217,227				
	Commercial Industrial New Construction	10076 - 1	Lighting Power Density Reduction - Custom	15		15	0.17	Comm Lighting	1	277,267				
	Commercial Industrial New Construction	10076 - 1	Lighting Power Density Reduction - Custom	15		15	0.38	Comm Lighting	1	623,803				
	Energy Smart Grocer New Construction	11741 - 1	ESGNC: Lighting - General	12		12	0.30	Comm Lighting	1	621,505				
	Commercial Industrial New Construction	10065 - 1	Motor - Custom	15		15	0.03	Comm Flat	1	53,699				
	Commercial Industrial New Construction	10058 - 1	Fan - VFD - Custom	15		15	0.00	Comm Flat	1	6,817				
	Commercial Industrial New Construction	10070 - 1	Pump - VFD - Custom	15		15	0.13	Comm Flat	1	206,800				
	Commercial Industrial New Construction	10072 - 1	Chiller - Custom	20		20	0.06	Comm Refrigeration	1	68,209				
	Commercial Industrial New Construction	10261 - 1	Refrigeration - Custom	20		20	0.06	Comm Refrigeration	1	78,126				
	Energy Smart Grocer New Construction	11738 - 1	ESGNC: Refrigeration System	15		15	0.00	Comm Refrigeration	1	5,024				
	Energy Smart Grocer New Construction	11738 - 2	ESGNC: Refrigeration System	15		15	0.39	Comm Refrigeration	1	640,365				
			Program Total				**14.94**							

Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
169,682			$ 42.699	$ 241.745	$ 284.444				$ -		$ -	$ -	$ -	$ -
19,849			$ 5.955	$ 6.126	$ 12.081				$ -	$ -	$ -	$ -	$ -	$ -
16,734			$ 4.106	$ -	$ 4.106				$ -	$ -	$ -	$ -	$ -	$ -
30,120			$ 9.036	$ 2.632	$ 11.668				$ -	$ -	$ -	$ -	$ -	$ -
0			$ -	$ -	$ -				$ -	$ -	$ -	$ -	$ -	$ -
4,998			$ 1.499	$ 1.668	$ 3.167				$ -	$ -	$ -	$ -	$ -	$ -
114,120			$ 12.173	$ 231.804	$ 243.976				$ -	$ -	$ -	$ -	$ -	$ -
896,728			$ 277.279	$ 247.369	$ 524.648				$ -	$ -	$ -	$ -	$ -	$ -
0			$ -	$ -	$ -				$ -	$ -	$ -	$ -	$ -	$ -
57,440			$ 44.388	$ -	$ 44.388				$ -	$ -	$ -	$ -	$ -	$ -
0			$ -	$ -	$ -				$ -	$ -	$ -	$ -	$ -	$ -
167,076			$ 18.117	$ 32.557	$ 50.674				$ -	$ -	$ -	$ -	$ -	$ -
473,658			$ 57.448	$ -	$ 57.448				$ -	$ -	$ -	$ -	$ -	$ -
2,217,699			$ 402.536	$ 17.353	$ 419.889				$ -	$ -	$ -	$ -	$ -	$ -
8,510,646			$ 1,641.071	$ 651.059	$ 2,292.130				$ -	$ -	$ -	$ -	$ -	$ -
9,217,227			$ 1,796.728	$ 504.812	$ 2,301.540				$ -	$ -	$ -	$ -	$ -	$ -
277,267			$ 55.454	$ -	$ 55.454				$ -	$ -	$ -	$ -	$ -	$ -
623,803			$ 124.006	$ -	$ 124.006				$ -	$ -	$ -	$ -	$ -	$ -
621,505			$ 115.720	$ 192.183	$ 307.903				$ -	$ -	$ -	$ -	$ -	$ -
53,699			$ 8.280	$ 3.548	$ 11.828				$ -	$ -	$ -	$ -	$ -	$ -
6,817			$ 2.045	$ 3.558	$ 5.603				$ -	$ -	$ -	$ -	$ -	$ -
206,800			$ 53.860	$ -	$ 53.860				$ -	$ -	$ -	$ -	$ -	$ -
68,209			$ 20.463	$ 13.808	$ 34.271				$ -	$ -	$ -	$ -	$ -	$ -
78,126			$ 19.120	$ -	$ 19.120				$ -	$ -	$ -	$ -	$ -	$ -
5,024			$ 1.507	$ 1.726	$ 3.233				$ -	$ -	$ -	$ -	$ -	$ -
640,365			$ 122.301	$ 420.127	$ 542.428				$ -	$ -	$ -	$ -	$ -	$ -
24,477,593	**0%**	**$ 275,166**	**$ 4,543,021**	**$ 2,572,075**	**$ 7,407,865**	**$ -**	**$ 4,818,188**	**$ 7,683,031**			**$ 4,470,806**	**$ 7,129,100**	**$ -**	

Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
							formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
0.965304	$ 163.795.04	0.965304	$ -	$ 163.795	$ -	$ 163.795	$ 163.795	$ 180.175		
0.589236	$ 11.696	0.589236	$ -	$ 11.696	$ -	$ 11.696	$ 11.696	$ 12.865		
0.807777	$ 13.517	0.807777	$ -	$ 13.517	$ -	$ 13.517	$ 13.517	$ 14.869		
0.807777	$ 24.330	0.807777	$ -	$ 24.330	$ -	$ 24.330	$ 24.330	$ 26.763		
1.437044	$ -	1.437044	$ -	$ -	$ -	$ -	$ -	$ -		
1.437044	$ 7.182	1.437044	$ -	$ 7.182	$ -	$ 7.182	$ 7.182	$ 7.901		
0.580272	$ 66.221	0.580272	$ -	$ 66.221	$ -	$ 66.221	$ 66.221	$ 72.843		
0.807777	$ 724.356	0.807777	$ -	$ 724.356	$ -	$ 724.356	$ 724.356	$ 796.792		
0.439725	$ -	0.439725	$ -	$ -	$ -	$ -	$ -	$ -		
0.439725	$ 25.258	0.439725	$ -	$ 25.258	$ -	$ 25.258	$ 25.258	$ 27.784		
1.091037	$ -	1.091037	$ -	$ -	$ -	$ -	$ -	$ -		
1.910065	$ 319.126	1.910065	$ -	$ 319.126	$ -	$ 319.126	$ 319.126	$ 351.039		
0.862804	$ 408.674	0.862804	$ -	$ 408.674	$ -	$ 408.674	$ 408.674	$ 449.541		
0.862804	$ 1.913.439	0.862804	$ -	$ 1.913.439	$ -	$ 1.913.439	$ 1.913.439	$ 2.104.782		
0.862804	$ 7.343.015	0.862804	$ -	$ 7.343.015	$ -	$ 7.343.015	$ 7.343.015	$ 8.077.317		
0.862804	$ 7,952,656	0.862804	$ -	$ 7.952.656	$ -	$ 7.952.656	$ 7.952.656	$ 8.747.922		
0.862804	$ 239.227	0.862804	$ -	$ 239.227	$ -	$ 239.227	$ 239.227	$ 263.150		
0.862804	$ 538.219	0.862804	$ -	$ 538.219	$ -	$ 538.219	$ 538.219	$ 592.041		
0.731381	$ 454.557	0.731381	$ -	$ 454.557	$ -	$ 454.557	$ 454.557	$ 500.013		
0.807777	$ 43.377	0.807777	$ -	$ 43.377	$ -	$ 43.377	$ 43.377	$ 47.715		
0.807777	$ 5.507	0.807777	$ -	$ 5.507	$ -	$ 5.507	$ 5.507	$ 6.057		
0.807777	$ 167.048	0.807777	$ -	$ 167.048	$ -	$ 167.048	$ 167.048	$ 183.753		
0.965304	$ 65.842	0.965304	$ -	$ 65.842	$ -	$ 65.842	$ 65.842	$ 72.427		
0.965304	$ 75.415	0.965304	$ -	$ 75.415	$ -	$ 75.415	$ 75.415	$ 82.957		
0.796197	$ 4.000	0.796197	$ -	$ 4.000	$ -	$ 4.000	$ 4.000	$ 4.400		
0.796197	$ 509.857	0.796197	$ -	$ 509.857	$ -	$ 509.857	$ 509.857	$ 560.842		
							$ 21,076,315	**$ 23,183,947**	**4.71**	**3.25**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E253	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	$ -
	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.03	Comm Flat	1	142,339		$2,847.00	$5,694.00	
	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.26	Comm Flat	1	1,234,589		$25,236.15	$46,886.30	
	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Flat	1			$4,500.00	$4,500.00	
	Resource Conservation Manager	11917 - 1	RCM - Start Up Incentive - Year 1	3		3	0.00	Comm Flat	1	0		$34,916.00	$34,916.00	
	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Flat	1			$278.00	$278.00	
	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Flat	1			$2,455.00	$2,455.00	
	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.60	Comm Flat	1	2,900,244		$69,647.55	$116,010.62	
	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.65	Comm Flat	1	3,131,685		$62,907.00	$125,268.00	
	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Flat	1			$17,000.00	$17,000.00	
	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Flat	1			$22,600.00	$22,600.00	
	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Flat	1			$1,480.00	$1,480.00	
	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Flat	1			$2,900.00	$2,900.00	
	Resource Conservation Manager	11922 - 1	RCM - Performance Incentive - Year 3	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11922 - 1	RCM - Performance Incentive - Year 3	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11922 - 1	RCM - Performance Incentive - Year 3	3		3	1.14	Comm Flat	1	5,483,183		$120,795.24	$208,716.50	
	Resource Conservation Manager	11923 - 1	RCM - Performance Target Incentive - Year 3	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11923 - 1	RCM - Performance Target Incentive - Year 3	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11923 - 1	RCM - Performance Target Incentive - Year 3	3		3	0.00	Comm Flat	1			$48,517.26	$48,517.26	
	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Flat	1			$1,120.00	$1,120.00	
	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Flat	1			$3,724.00	$3,724.00	
	Resource Conservation Manager	10258 - 1	Generic Measure - Custom	15		15	0.00	Comm Flat	1	0		$0.00	$0.00	
	Resource Conservation Manager	10258 - 1	Generic Measure - Custom	15		15	0.00	Comm Flat	1			$0.00	$0.00	
	Resource Conservation Manager	10258 - 1	Generic Measure - Custom	15		15	0.07	Comm Flat	1	69,613		$1,392.00	$2,785.00	
	Urban Smart Bellevue	12055 - 1	USB: Savings Tracking	3		3	0.30	Comm Flat	1	1,432,457		$0.00	$0.00	
			Program Total				**3.06**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
paste	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
11915 - 1	0			$ -	$ -	$ -				$ -		$ -	$ -	$ -	$ -
11915 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11915 - 1	142,339			$ 2,847	$ 2,847	$ 5,694						$ -	$ -	$ -	$ -
11915 - 1	1,234,589			$ 25,236	$ 21,650	$ 46,886						$ -	$ -	$ -	$ -
11916 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11916 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11916 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11916 - 1				$ 4,500	$ -	$ 4,500						$ -	$ -	$ -	$ -
11917 - 1	0			$ 34,916	$ -	$ 34,916						$ -	$ -	$ -	$ -
11918 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11918 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11918 - 1				$ 278	$ -	$ 278						$ -	$ -	$ -	$ -
11918 - 1				$ 2,455	$ -	$ 2,455						$ -	$ -	$ -	$ -
11919 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11919 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11919 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11919 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11919 - 1	2,900,244			$ 69,648	$ 46,363	$ 116,011						$ -	$ -	$ -	$ -
11919 - 1	3,131,685			$ 62,907	$ 62,361	$ 125,268						$ -	$ -	$ -	$ -
11920 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11920 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11920 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11920 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11920 - 1				$ 17,000	$ -	$ 17,000						$ -	$ -	$ -	$ -
11920 - 1				$ 22,600	$ -	$ 22,600						$ -	$ -	$ -	$ -
11921 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11921 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11921 - 1				$ 1,480	$ -	$ 1,480						$ -	$ -	$ -	$ -
11921 - 1				$ 2,900	$ -	$ 2,900						$ -	$ -	$ -	$ -
11922 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11922 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11922 - 1	5,483,183			$ 120,795	$ 87,921	$ 208,717						$ -	$ -	$ -	$ -
11923 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11923 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11923 - 1				$ 48,517	$ -	$ 48,517						$ -	$ -	$ -	$ -
11924 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11924 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
11924 - 1				$ 1,120	$ -	$ 1,120						$ -	$ -	$ -	$ -
11924 - 1				$ 3,724	$ -	$ 3,724						$ -	$ -	$ -	$ -
10258 - 1	0			$ -	$ -	$ -						$ -	$ -	$ -	$ -
10258 - 1				$ -	$ -	$ -						$ -	$ -	$ -	$ -
10258 - 1	69,613			$ 1,392	$ 1,393	$ 2,785						$ -	$ -	$ -	$ -
12055 - 1	1,432,457			$ -	$ -	$ -						$ -	$ -	$ -	$ -
Program Total	**14,394,110**	**0%**	**$ 989,718**	**$ 465,737**	**$ 222,535**	**$ 644,851**	**$ -**	**$ 1,455,455**	**$ 1,634,569**			**$ 1,350,520**	**$ 1,516,720**	**$ 1,356,620**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AM)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
11915 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11915 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11915 - 1	0.206533	$ 29,397.67	0.206533	$ -	$ 29,398	$ -	$ 29,398	$ 29,398	$ 32,337		
11915 - 1	0.206533	$ 254,983.12	0.206533	$ -	$ 254,983	$ -	$ 254,983	$ 254,983	$ 280,481		
11916 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11916 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11916 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11916 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11917 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11918 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11918 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11918 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11918 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11919 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11919 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11919 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11919 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11919 - 1	0.206533	$ 598,995.51	0.206533	$ -	$ 598,996	$ -	$ 598,996	$ 598,996	$ 658,895		
11919 - 1	0.206533	$ 646,795.66	0.206533	$ -	$ 646,796	$ -	$ 646,796	$ 646,796	$ 711,475		
11920 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11920 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11920 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11920 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11920 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11920 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11921 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11921 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11921 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11921 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11922 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11922 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11922 - 1	0.206533	$ 1,132,457.13	0.206533	$ -	$ 1,132,457	$ -	$ 1,132,457	$ 1,132,457	$ 1,245,703		
11923 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11923 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11923 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11924 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11924 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11924 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
11924 - 1	0.206533	$ -	0.206533	$ -	$ -	$ -	$ -	$ -	$ -		
10258 - 1	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
10258 - 1	0.807777	$ -	0.807777	$ -	$ -	$ -	$ -	$ -	$ -		
10258 - 1	0.807777	$ 56,231.79	0.807777	$ -	$ 56,232	$ -	$ 56,232	$ 56,232	$ 61,855		
12055 - 1	0.206533	$ 295,849.35	0.206533	$ -	$ 295,849	$ -	$ 295,849	$ 295,849	$ 325,434		
Program Total								**$ 3,014,710**	**$ 4,672,801**	**2.23**	**3.08**

Summary

Discount Rate 7.80%

Overhead Rather:

Not used DMSC Inc

Not Used - total only Not used - total only

Total PV Benefits UC Total PV Benefits TRC

Total Benefits UCT Total Benefits TRC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 5852 Not Used Paste	Program Overhead Cost	paste	Total Incentive	formula P*K	Total Customer Cost	paste	Total Incremental Measure Cost	unused modify	Other Contribution Costs	formula: S + T	Total Utility Program Costs	formula: S + V	Total Resource Cost	paste	Unit First Year Non-Energy Benefits	paste	Unit Annual Net Equipment O&M	formula: U/(1+ElecDiscountRate) +1	PV Total Utility Program Costs	formula: V/(1+ElecDiscountRate) +1	PV Total Resource Costs	formula: PV(ElecDiscountRat	PV Total Non-Energy Benefits	formula: PV(ElecDiscountR	PV Total Net Eeinomnt O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	formula: Logic w lookup from AC tables and adjust	PV Total Savings UC	formula: Utility Savings (AD*L1+AD+AE	PV Total Savings TRC	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead																																					
E258	High Voltage 449	10059 - 1	Lighting - Custom	15		15	0.11	Comm-Lighting	1	14,352		$ 7,176.00	$13,238.66	$ 6,063	14,352					$ 7,176	$ 6,063	$ 13,239										$ -			$ -		$ -		$ -		0.862804	$ 12,383					$ -	$ 12,383	$ -	$ 12,383	$ 12,383	$ 13,621		
E258	High Voltage 449	10059 - 1	Lighting - Custom	15		15	4.49	Comm-Lighting	1	641,629		$208,574.68	$421,895.83	$ 133,321	641,629					$ 208,575	$ 133,321	$ 421,896										$ -			$ -		$ -		$ -		0.862804	$ 553,600					$ -	$ 553,600	$ -	$ 553,600	$ 553,600	$ 608,960		
E258	High Voltage 449	10059 - 1	Lighting - Custom	15		15	7.02	Comm-Lighting	1	921,118		$379,955.00	$489,218.17		921,119					$ 379,955		$ 489,218													$ -		$ -		$ -		0.862804	$ 794,745					$ -	$ 794,745	$ -	$ 794,745	$ 794,745	$ 874,219		
E258	High Voltage 449	10065 - 1	Motor - Custom	15		15	2.58	Comm-Fan	1	365,118		$108,553.00	$403,643.00		365,118					$ 108,553		$ 403,643													$ -		$ -		$ -		0.807777	$ 315,939					$ -	$ 315,939	$ -	$ 315,939	$ 315,939	$ 347,528		
			Program Total			**15.00**									**1,968,216**		**0%**	**$ 170,027**		**$ 1,098,984**	**$ 139,384**	**$ 1,377,996**	**$ -**	**$ 1,267,621**	**$ 1,498,523**									**$ 1,176,728**	**$ 1,390,375**	**$ -**											**$ 1,676,462**	**$ 1,844,528**	**1.43**	**1.33**

Summary

Discount Rate 7.30%

Overhead Rider:

Not used DMC, etc

Not Used - total only Not used - total only

Total PV Benefits Total PV Costs

Total Benefits UCT - Total Benefits TRC

	paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	Formula O - N	paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula v-t	paste	unused mnefh	Formula: S + T	Formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate) -1	formula: V/(1+ElecDiscountRate) -1	formula: PV/ElecDiscountRat	formula: PV/ElecDiscountR						formula: Logic w lookup from AC tables and adjust	formula: Utility Savings (MPV1.1+50+AE	formula: AM/AB	formula: AN/AC	
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Time	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Eximent O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
EZ68	High Voltage 40 46 49	10057 - 1	HVAC Control - Only - Custom	10		10	3.62	Comm Space Heat	1	4,546,603				$ (931,634)	4,546,603			$ 931,634	$ 692	$ 932,326				$ -		$ -	$ -	$ -	$ -	1.437044	$ 6,533,667	1.437044	$ -	$ 6,533,667	$ -	$ 6,533,667	$ 7,187,034			
EZ68	High Voltage 40 46 49	11014 - 1	Process - Modification - Custom	15		15	0.36	Comm Flat	1	297,907		$138,335.88		$ (108,336)	297,907			$ 108,336	$ 45,161	$ 243,497				$ -		$ -	$ -	$ -	$ -	0.807777	$ 240,642	0.807777	$ -	$ 240,642	$ -	$ 240,642	$ 364,797			
EZ68	High Voltage 40 46 49	11014 - 1	Process - Modification - Custom	15		15	1.49	Comm Flat	1	1,244,554		$755,466.00			1,244,554			$ 755,466	$ 373,335	$ 1,128,831				$ -		$ -	$ -	$ -	$ -	0.807777	$ 1,005,322	0.807777	$ -	$ 1,005,322	$ -	$ 1,005,322	$ 1,105,954			
EZ68	High Voltage 40 46 49	10054 - 1	HVAC - Central Equipment - Custom	15		15	0.12	Comm Space Heat	1	97,796		$84,907.00			97,796			$ 84,907	$ 36,482	$ 91,388				$ -		$ -	$ -	$ -	$ -	1.910906	$ 186,797	1.910906	$ -	$ 186,797	$ -	$ 186,797	$ 205,476			
EZ68	High Voltage 40 46 49	10054 - 1	HVAC - Central Equipment - Custom	15		15	0.13	Comm Space Heat	1	110,110		$55,155.00			110,110			$ 55,155	$ 173,560	$ 228,715				$ -		$ -	$ -	$ -	$ -	1.910906	$ 210,699	1.910906	$ -	$ 210,699	$ -	$ 210,699	$ 231,780			
EZ68	High Voltage 40 46 49	10054 - 1	HVAC - Central Equipment - Custom	15		15	0.18	Comm Space Heat	1	147,774		$78,797.00			147,774			$ 78,797	$ 22,158	$ 100,955				$ -		$ -	$ -	$ -	$ -	1.910906	$ 282,258	1.910906	$ -	$ 282,258	$ -	$ 282,258	$ 310,484			
EZ68	High Voltage 40 46 49	10054 - 1	HVAC - Central Equipment - Custom	15		15	0.41	Comm Space Heat	1	343,256		$111,463.00			343,256			$ 111,463	$ 858,521	$ 769,924				$ -		$ -	$ -	$ -	$ -	1.910906	$ 655,841	1.910906	$ -	$ 655,841	$ -	$ 655,841	$ 721,056			
EZ68	High Voltage 40 46 49	10059 - 1	Lighting - Custom	15		15	0.64	Comm Lighting	1	536,934		$276,221.05			536,934			$ 276,221	$ 266,922	$ 567,143				$ -		$ -	$ -	$ -	$ -	0.862804	$ 463,368	0.862804	$ -	$ 463,368	$ -	$ 463,368	$ 509,595			
EZ68	High Voltage 40 46 49	10059 - 1	Lighting - Custom	15		15	1.47	Comm Lighting	1	1,233,407		$504,743.00			1,233,407			$ 504,743	$ 314,111	$ 818,854				$ -		$ -	$ -	$ -	$ -	0.862804	$ 1,064,188	0.862804	$ -	$ 1,064,188	$ -	$ 1,064,188	$ 1,170,607			
EZ68	High Voltage 40 46 49	10059 - 1	Lighting - Custom	15		15	2.26	Comm Lighting	1	1,896,385		$886,282.14			1,896,385			$ 886,282	$ 718,183	$ 1,604,465				$ -		$ -	$ -	$ -	$ -	0.862804	$ 1,636,208	0.862804	$ -	$ 1,636,208	$ -	$ 1,636,208	$ 1,799,828			
EZ68	High Voltage 40 46 49	10058 - 1	Fan - VFD - Custom	15		15	0.15	Comm Flat	1	124,685		$81,934.00			124,685			$ 81,934	$ 98,616	$ 180,550				$ -		$ -	$ -	$ -	$ -	0.807777	$ 100,718	0.807777	$ -	$ 100,718	$ -	$ 100,718	$ 115,789			
EZ68	High Voltage 40 46 49	10070 - 1	Pump - VFD - Custom	15		15	2.57	Comm Flat	1	1,383,343		$354,372.00			1,383,343			$ 354,372	$ 279,036	$ 1,174,058				$ -		$ -	$ -	$ -	$ -	0.807777	$ 1,602,099	0.807777	$ -	$ 1,602,099	$ -	$ 1,602,099	$ 1,762,309			
			Program Total			**11.19**									**12,942,904**		**0%**	**$ 398,035**	**$ 5,341,346**	**$ 3,086,759**	**$ 7,828,637**	**$ -**	**$ 5,743,961**	**$ 8,239,252**			**$ 5,329,833**	**$ 7,626,468**	**$ -**	**$ -**							**$ 15,981,588**	**$ 15,379,658**	**2.62**	**2.02**

Summary

Discount Rate 7.20%

Overhead Rebate:

Not used DSM Opt

Not Used - total only Not used - total only

Total PV Benefits Total PV Costs

Total Benefits UCT Total Benefits TRC

		paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	Formula O - N	paste	Paste - Not Used	formula: R * 5852 Net Used Paste	paste	formula v-t	paste	unused modify	formula: S + T	formula: S + V	paste	paste	formula: U(1+ElecDiscountRate) -1	formula: V(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR						formula: Logic w lookup from AC tables and adjust	formula: Utility Savings (MPL1+ΔO+ΔE	formula: ΔM/ΔB	formula: AN/AC	
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Eximent O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E262	Lighting to Go	106/21 - 1	O- Fixture - LED - Retrofit Kit - Hard Wired Recesse	12		12	0.65	Comm Lighting	8,119	110		$15.00	$15.00	$ -	893,090																															
E262	Lighting to Go	106/21 - 2	O- Fixture - LED - Retrofit Kit - Hard Wired Recesse	12		12	2.51	Comm Lighting	31,091	110		$10.00	$10.00	$ -	3,420,010			$ 304,361	$ 6,526	$ 310,910				$ -		$ -	$ -	$ -	$ -	0.731381	$ 653,188.97	0.731381	$ -	$ 653,189	$ -	$ 653,189	$ 718,508			
E262	Lighting to Go	106/22 - 1	LTGO: Lamp - LED - Integral - Decorative	3		3	0.02	Comm Lighting	2,328	57		$4.00	$4.00		132,696			$ 8,565	$ 747	$ 9,312				$ -		$ -	$ -	$ -	$ -	0.731381	$ 2,501,330	0.731381	$ -	$ 2,501,330	$ -	$ 2,501,330	$ 2,751,463			
E262	Lighting to Go	106/22 - 2	LTGO: Lamp - LED - Integral - Decorative	5		5	0.03	Comm Lighting	1,200	57		$3.00	$3.00		73,530			$ 4,477	$ (607)	$ 3,870				$ -		$ -	$ -	$ -	$ -	0.731381	$ 25,911	0.731381	$ -	$ 25,911	$ -	$ 25,911	$ 28,502			
E262	Lighting to Go	106/23 - 1	LTGO: Lamp - LED - Integral - Omnidirectional	5		5	0.23	Comm Lighting	9,514	79		$4.00	$4.00		751,606			$ 32,140	$ 5,916	$ 38,056				$ -		$ -	$ -	$ -	$ -	0.352364	$ 264,854	0.352364	$ -	$ 264,854	$ -	$ 264,854	$ 291,340			
E262	Lighting to Go	106/23 - 2	LTGO: Lamp - LED - Integral - Omnidirectional	5		5	0.72	Comm Lighting	29,941	79		$3.00	$3.00		2,365,339			$ 78,179	$ 11,644	$ 89,823				$ -		$ -	$ -	$ -	$ -	0.352364	$ 833,508	0.352364	$ -	$ 833,508	$ -	$ 833,508	$ 916,859			
E262	Lighting to Go	106/24 - 1	LTGO: Lamp - LED - Integral - front R BR or PAR30	5		5	0.09	Comm Lighting	2,863	89		$8.00	$8.00		283,437			$ 20,986	$ 1,918	$ 22,904				$ -		$ -	$ -	$ -	$ -	0.352364	$ 99,879	0.352364	$ -	$ 99,879	$ -	$ 99,879	$ 109,867			
E262	Lighting to Go	106/25 - 1	LTGO: Lamp - LED - Integral - front R BR or PAR30	5		5	0.87	Comm Lighting	28,672	89		$8.00	$8.00		2,838,528			$ 186,105	$ 10,258	$ 229,376				$ -		$ -	$ -	$ -	$ -	0.352364	$ 1,000,253	0.352364	$ -	$ 1,000,253	$ -	$ 1,000,253	$ 1,100,278			
E262	Lighting to Go	106/26 - 1	LGO: Lamp - LED - Integral - front R BR or PAR38 or	5		5	0.07	Comm Lighting	1,893	128		$10.00	$10.00		218,754			$ 15,291	$ 1,639	$ 16,930				$ -		$ -	$ -	$ -	$ -	0.352364	$ 76,363	0.352364	$ -	$ 76,363	$ -	$ 76,363	$ 83,999			
E262	Lighting to Go	106/26 - 2	LGO: Lamp - LED - Integral - front R BR or PAR38 or	5		5	0.09	Comm Lighting	2,310	128		$8.00	$8.00		268,614			$ 17,545	$ 1,118	$ 18,664				$ -		$ -	$ -	$ -	$ -	0.352364	$ 105,230	0.352364	$ -	$ 105,230	$ -	$ 105,230	$ 115,753			
E262	Lighting to Go	106/27 - 1	LTGO: Lamp - LED - MR16 or PAR16	5		5	0.05	Comm Lighting	1,936	54		$8.00	$8.00		153,784			$ 12,088	$ 1,000	$ 13,088				$ -		$ -	$ -	$ -	$ -	0.352364	$ 54,101	0.352364	$ -	$ 54,101	$ -	$ 54,101	$ 59,610			
E262	Lighting to Go	106/27 - 2	LTGO: Lamp - LED - MR16 or PAR16	5		5	0.04	Comm Lighting	1,453	54		$6.00	$6.00		196,563			$ 8,019	$ 99	$ 8,718				$ -		$ -	$ -	$ -	$ -	0.352364	$ 48,129	0.352364	$ -	$ 48,129	$ -	$ 48,129	$ 52,942			
E262	Lighting to Go	106/28 - 1	LTGO: Lamp - TLED - 2-3 or 4 feet	12		12	1.91	Comm Lighting	86,831	30		$6.00	$6.00		2,604,930			$ 513,710	$ 7,276	$ 520,986				$ -		$ -	$ -	$ -	$ -	0.731381	$ 1,905,196	0.731381	$ -	$ 1,905,196	$ -	$ 1,905,196	$ 2,095,716			
E262	Lighting to Go	106/28 - 2	LTGO: Lamp - TLED - 2-3 or 4 feet	12		12	1.62	Comm Lighting	73,425	30		$4.00	$4.00		2,204,730			$ 284,984	$ 12,270	$ 301,984				$ -		$ -	$ -	$ -	$ -	0.731381	$ 1,612,457	0.731381	$ -	$ 1,612,457	$ -	$ 1,612,457	$ 1,773,747			
			Program Total				**8.08**								**16,374,588**	**0%**	**$ 153,225**	**$ 1,266,363**	**$ 52,842**	**$ 1,606,588**	**$ -**	**$ -**	**$ 1,778,588**	**$ 1,811,811**			**$ 1,595,489**	**$ 1,778,113**	**$ -**						**$ 9,218,053**	**$ 10,151,858**	**1.77**	**5.98**	

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBRC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E262	Commercial Kitchens	10844 - 1	CKTCH: Food Cabinet - Hot - Under 13 Ft	12		12	0.04	Comm Cooking	4	439		$150.00	$167.00	$ 17
E262	Commercial Kitchens	10845 - 1	CKTCH: Food Cabinet - Hot - 13 Ft to Under 28 Ft	12		12	0.11	Comm Cooking	5	934		$500.00	$710.00	$ 210
E262	Commercial Kitchens	10846 - 1	CKTCH: Ice Maker - AC - Cube Nugget - IHR 1000 or More	10		10	0.12	Comm Refrigeration	3	2,044		$500.00	$764.00	
E262	Commercial Kitchens	10847 - 1	CKTCH: Ice Maker - AC - Cube Nugget - IHR 175 to 449	10		10	0.21	Comm Refrigeration	7	1,517		$200.00	$286.00	
E262	Commercial Kitchens	10848 - 1	CKTCH: Ice Maker - AC - Cube Nugget - IHR 450 to 999	10		10	0.26	Comm Refrigeration	10	1,361		$200.00	$249.00	
E262	Commercial Kitchens	10849 - 1	CKTCH: Ice Maker - AC - Cube Nugget - IHR 50 to 174	10		10	0.02	Comm Refrigeration	2	429		$200.00	$306.00	
E262	Commercial Kitchens	10850 - 1	CKTCH: Ice Maker - AC - Flake - IHR 1000 or More	10		10	0.03	Comm Refrigeration	1	1,314		$500.00	$764.00	
E262	Commercial Kitchens	10804 - 1	CKTCH: Oven - Convection - Double - E	12		12	1.29	Comm Cooking	10	5,548		$2,000.00	$2,014.00	
E262	Commercial Kitchens	10806 - 1	CKTCH: Oven - Convection - Full - E	12		12	1.29	Comm Cooking	20	2,774		$1,000.00	$1,007.00	
E262	Commercial Kitchens	10808 - 1	CKTCH: Oven - Convection - Half - E	12		12	0.23	Comm Cooking	4	2,518		$500.00	$793.00	
E262	Commercial Kitchens	10821 - 1	CKTCH: Oven - Combination - 14 Pan or Less - E	12		12	0.27	Comm Cooking	1	11,497		$1,000.00	$1,054.00	
E262	Commercial Kitchens	10822 - 1	CKTCH: Oven - Combination - More Than 28 Pans - E	12		12	4.11	Comm Cooking	8	22,009		$7,000.00	$7,048.00	
E262	Commercial Kitchens	10864 - 1	CKTCH: Steamer - 3 Pan - E	12		12	0.45	Comm Cooking	1	19,482		$250.00	$304.00	
E262	Commercial Kitchens	10870 - 1	CKTCH: Steamer - 6 Pan - E	12		12	1.83	Comm Cooking	2	39,311		$550.00	$608.00	
E262	Commercial Kitchens	10873 - 1	CKTCH: Dishwasher - Door Type - High Temp - EWH - E Booster	15		15	0.30	Comm Water Heat	1	10,200		$750.00	$2,659.00	
E262	Commercial Kitchens	10875 - 1	CKTCH: Dishwasher - Door Type - High Temp - GWH - E Booster	15		15	0.12	Comm Water Heat	1	3,966		$500.00	$1,813.00	
E262	Commercial Kitchens	10876 - 1	CKTCH: Dishwasher - Door Type - Low Temp - EWH	15		15	0.84	Comm Water Heat	2	14,338		$750.00	$2,659.00	
E262	Commercial Kitchens	10887 - 1	CKTCH: Dishwasher - Single Tank - High Temp - GWH - E Booster	20		20	0.28	Comm Water Heat	2	3,556		$750.00	$4,411.00	
E262	Commercial Kitchens	10892 - 1	CKTCH: Dishwasher - Under Counter - High Temp - EWH - E Booster	10		10	0.13	Comm Water Heat	3	2,309		$150.00	$232.00	
E262	Commercial Kitchens	10895 - 1	CKTCH: Dishwasher - Under Counter - High Temp - GWH - E Booster	10		10	0.24	Comm Water Heat	9	1,349		$150.00	$192.00	
E262	Commercial Kitchens	11845 - 1	CKTCH: Dishwasher - Single Tank - High Temp - E Booster - NPU	20		20	0.00	Comm Water Heat	1	0		$0.00	$0.00	
E262	Commercial Kitchens	10810 - 1	CKTCH: Sales Incentive - Oven - E	1		1	0.00	Comm Cooking	19	0		$50.00	$50.00	
E262	Commercial Kitchens	10811 - 1	CKTCH: Sales Incentive - Dishwasher - ST or MT - E	1		1	0.00	Comm Water Heat	1	0		$50.00	$50.00	
E262	Commercial Kitchens	10812 - 1	CKTCH: Sales Incentive - Dishwasher - UC or DT - E	1		1	0.00	Comm Water Heat	1	0		$30.00	$30.00	
E262	Commercial Kitchens	10815 - 1	CKTCH: Sales Incentive - Refrigeration - E	1		1	0.00	Comm Refrigeration	3	0		$30.00	$30.00	
			Program Total				**12.16**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste
10844 - 1	1,756			$ 600	$ 68	$ 668				$ -	
10845 - 1	4,670			$ 2,500	$ 1,050	$ 3,550				$ -	
10846 - 1	6,132			$ 1,500	$ 792	$ 2,292				$ 570.05	
10847 - 1	10,619			$ 1,400	$ 602	$ 2,002				$ 245.92	
10848 - 1	13,610			$ 2,000	$ 490	$ 2,490				$ 509.90	
10849 - 1	858			$ 400	$ 212	$ 612				$ 77.23	
10850 - 1	1,314			$ 500	$ 264	$ 764				$ -	
10804 - 1	55,480			$ 20,000	$ 140	$ 20,140				$ -	
10806 - 1	55,480			$ 20,000	$ 140	$ 20,140				$ -	
10808 - 1	10,072			$ 2,000	$ 1,172	$ 3,172				$ -	
10821 - 1	11,497			$ 1,000	$ 54	$ 1,054				$ -	
10822 - 1	176,072			$ 56,000	$ 384	$ 56,384				$ -	
10864 - 1	19,482			$ 250	$ 54	$ 304				$ -	
10870 - 1	78,622			$ 1,100	$ 116	$ 1,216				$ -	
10873 - 1	10,200			$ 750	$ 1,909	$ 2,659				$ 4,172.99	
10875 - 1	3,966			$ 500	$ 1,313	$ 1,813				$ 4,172.99	
10876 - 1	28,676			$ 1,500	$ 3,818	$ 5,318				$ 9,597.84	
10887 - 1	7,112			$ 1,500	$ 7,322	$ 8,822				$ 1,817.04	
10892 - 1	6,927			$ 450	$ 246	$ 696				$ 479.68	
10895 - 1	12,141			$ 1,350	$ 378	$ 1,728				$ 479.68	
11845 - 1	0			$ -	$ -	$ -					
10810 - 1	0			$ 950	$ -	$ 950				$ -	
10811 - 1	0			$ 50	$ -	$ 50				$ -	
10812 - 1	0			$ 30	$ -	$ 30				$ -	
10815 - 1	0			$ 90	$ -	$ 90				$ -	
Program Total	**514,686**	**0%**	**$ 39,133**	**$ 116,370**	**$ 20,524**	**$ 136,944**	**$ -**	**$ 155,503**	**$ 176,077**		

Measure Version	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings
	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR				
10844 - 1	$ -	$ -	$ -	$ -	0.684318	$ 1,201.66	0.684318	$ -
10845 - 1	$ -	$ -	$ -	$ -	0.684318	$ 3,196	0.684318	$ -
10846 - 1	$ -	$ -	$ 11,595	$ -	0.580272	$ 3,558	0.580272	$ -
10847 - 1	$ -	$ -	$ 11,672	$ -	0.580272	$ 6,162	0.580272	$ -
10848 - 1	$ -	$ -	$ 34,573	$ -	0.580272	$ 7,898	0.580272	$ -
10849 - 1	$ -	$ -	$ 1,047	$ -	0.580272	$ 498	0.580272	$ -
10850 - 1	$ -	$ -	$ -	$ -	0.580272	$ 762	0.580272	$ -
10804 - 1	$ -	$ -	$ -	$ -	0.684318	$ 37,966	0.684318	$ -
10806 - 1	$ -	$ -	$ -	$ -	0.684318	$ 37,966	0.684318	$ -
10808 - 1	$ -	$ -	$ -	$ -	0.684318	$ 6,892	0.684318	$ -
10821 - 1	$ -	$ -	$ -	$ -	0.684318	$ 7,868	0.684318	$ -
10822 - 1	$ -	$ -	$ -	$ -	0.684318	$ 120,489	0.684318	$ -
10864 - 1	$ -	$ -	$ -	$ -	0.684318	$ 13,332	0.684318	$ -
10870 - 1	$ -	$ -	$ -	$ -	0.684318	$ 53,802	0.684318	$ -
10873 - 1	$ -	$ -	$ 36,226	$ -	0.810409	$ 8,266	0.810409	$ -
10875 - 1	$ -	$ -	$ 36,226	$ -	0.810409	$ 3,214	0.810409	$ -
10876 - 1	$ -	$ -	$ 166,638	$ -	0.810409	$ 23,239	0.810409	$ -
10887 - 1	$ -	$ -	$ 36,299	$ -	0.982108	$ 6,985	0.982108	$ -
10892 - 1	$ -	$ -	$ 9,757	$ -	0.590961	$ 4,094	0.590961	$ -
10895 - 1	$ -	$ -	$ 29,271	$ -	0.590961	$ 7,175	0.590961	$ -
11845 - 1	$ -	$ -	$ -	$ -	0.982108	$ -	0.982108	$ -
10810 - 1	$ -	$ -	$ -	$ -	0.072635	$ -	0.072635	$ -
10811 - 1	$ -	$ -	$ -	$ -	0.072753	$ -	0.072753	$ -
10812 - 1	$ -	$ -	$ -	$ -	0.072753	$ -	0.072753	$ -
10815 - 1	$ -	$ -	$ -	$ -	0.071463	$ -	0.071463	$ -
Program Total	**$ 144,291**	**$ 163,382**	**$ 373,303**					

Measure Version	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
				formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10844 - 1	$ 1,202	$ -	$ 1,202	$ 1,202	$ 1,322		
10845 - 1	$ 3,196	$ -	$ 3,196	$ 3,196	$ 3,515		
10846 - 1	$ 3,558	$ -	$ 3,558	$ 3,558	$ 15,509		
10847 - 1	$ 6,162	$ -	$ 6,162	$ 6,162	$ 18,450		
10848 - 1	$ 7,898	$ -	$ 7,898	$ 7,898	$ 43,260		
10849 - 1	$ 498	$ -	$ 498	$ 498	$ 1,595		
10850 - 1	$ 762	$ -	$ 762	$ 762	$ 839		
10804 - 1	$ 37,966	$ -	$ 37,966	$ 37,966	$ 41,763		
10806 - 1	$ 37,966	$ -	$ 37,966	$ 37,966	$ 41,763		
10808 - 1	$ 6,892	$ -	$ 6,892	$ 6,892	$ 7,582		
10821 - 1	$ 7,868	$ -	$ 7,868	$ 7,868	$ 8,654		
10822 - 1	$ 120,489	$ -	$ 120,489	$ 120,489	$ 132,538		
10864 - 1	$ 13,332	$ -	$ 13,332	$ 13,332	$ 14,665		
10870 - 1	$ 53,802	$ -	$ 53,802	$ 53,802	$ 59,183		
10873 - 1	$ 8,266	$ -	$ 8,266	$ 8,266	$ 45,319		
10875 - 1	$ 3,214	$ -	$ 3,214	$ 3,214	$ 39,761		
10876 - 1	$ 23,239	$ -	$ 23,239	$ 23,239	$ 192,201		
10887 - 1	$ 6,985	$ -	$ 6,985	$ 6,985	$ 43,982		
10892 - 1	$ 4,094	$ -	$ 4,094	$ 4,094	$ 14,260		
10895 - 1	$ 7,175	$ -	$ 7,175	$ 7,175	$ 37,164		
11845 - 1	$ -	$ -	$ -	$ -	$ -		
10810 - 1	$ -	$ -	$ -	$ -	$ -		
10811 - 1	$ -	$ -	$ -	$ -	$ -		
10812 - 1	$ -	$ -	$ -	$ -	$ -		
10815 - 1	$ -	$ -	$ -	$ -	$ -		
Program Total				**$ 354,564**	**$ 763,323**	**2.46**	**4.67**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste
E262	Premium HVAC	11235 - 1	PHVAC: Economizer Controller - Replacement	5		5	0.01	Comm Space Heat	3	687		$300.00	$300.00	$ -	2,062
E262	Premium HVAC	11235 - 2	PHVAC: Economizer Controller - Replacement	5		5	0.04	Comm Flat	20	693		$300.00	$300.00	$ -	13,861
E262	Premium HVAC	11236 - 1	PHVAC: Sensor - Replacement	5		5	0.17	Comm Space Heat	60	1,046		$90.00	$90.00	$ -	62,778
E262	Premium HVAC	11236 - 2	PHVAC: Sensor - Replacement	5		5	0.38	Comm Flat	210	647		$89.05	$89.05	$ -	135,826
E262	Commercial HVAC Replacement	11703 - 1	VAC: Thermostat Control - Occupancy Based - 5 Deg	10		10	0.25	Comm Space Heat	202	222		$100.00	$234.66	$ 135	44,844
E262	Commercial HVAC Replacement	11703 - 2	VAC: Thermostat Control - Occupancy Based - 5 Deg	10		10	0.26	Comm Space Heat	183	260		$100.00	$88.78	$ (11)	47,580
E262	Premium HVAC	11237 - 2	PHVAC: Thermostat - Replacement	5		5	0.79	Comm Flat	115	2,482		$300.00	$300.00	$ -	285,415
E262	Premium HVAC	11754 - 1	PHVAC: Damper - Repair	5		5	0.03	Comm Space Heat	30	371		$250.00	$250.00	$ -	11,140
E262	Premium HVAC	11754 - 2	PHVAC: Damper - Repair	5		5	0.41	Comm Flat	124	1,192		$247.98	$247.98	$ -	147,836
E262	Commercial HVAC Replacement	10723 - 1	CHVAC: Electric to Gas Pack - Tier 1	15		15	0.10	Comm Space Heat	1	11,790		$2,500.00	$0.00	$ (2,500)	11,790
E262	Commercial HVAC Replacement	10723 - 2	CHVAC: Electric to Gas Pack - Tier 1	15		15	0.48	Comm Space Heat	5	11,420		$3,100.00	$13,567.75	$ 10,468	57,102
E262	Commercial HVAC Replacement	10724 - 1	CHVAC: Electric to Gas Pack - Tier 2	15		15	0.81	Comm Space Heat	10	9,670		$2,200.00	$15,020.95	$ 12,821	96,700
E262	Commercial HVAC Replacement	10724 - 2	CHVAC: Electric to Gas Pack - Tier 2	15		15	2.63	Comm Space Heat	2	157,675		$46,750.00	$163,430.00	$ 116,680	315,350
E262	Commercial HVAC Replacement	10725 - 1	CHVAC: Heat Pump to Gas Pack - Tier 1	15		15	0.16	Comm Space Heat	3	6,219		$2,666.67	$3,813.42	$ 1,147	18,658
E262	Commercial HVAC Replacement	10725 - 2	CHVAC: Heat Pump to Gas Pack - Tier 1	15		15	0.13	Comm Space Heat	3	5,126		$2,166.67	$16,721.67	$ 14,555	15,379
E262	Commercial HVAC Replacement	10726 - 2	CHVAC: Heat Pump to Gas Pack - Tier 2	15		15	0.31	Comm Space Heat	6	6,284		$2,887.50	$11,974.54	$ 9,087	37,706
E262	Commercial HVAC Replacement	10727 - 1	CHVAC: Gas Pack to Gas Pack - Tier 1	15		15	0.12	Comm Cooling	19	780		$330.59	$55.47	$ (275)	14,824
E262	Commercial HVAC Replacement	10727 - 2	CHVAC: Gas Pack to Gas Pack - Tier 1	15		15	0.04	Comm Cooling	6	788		$337.50	$3,000.00	$ 2,663	4,725
E262	Commercial HVAC Replacement	10728 - 1	CHVAC: Gas Pack to Gas Pack - Tier 2	15		15	0.09	Comm Cooling	3	3,675		$1,493.70	$333.33	$ (1,160)	11,025
E262	Commercial HVAC Replacement	10728 - 2	CHVAC: Gas Pack to Gas Pack - Tier 2	15		15	0.46	Comm Cooling	29	1,899		$1,262.93	$13,499.98	$ 12,237	55,084
E262	Commercial HVAC Replacement	10766 - 2	CHVAC: Gas Pack to Gas Pack - Tier 2 - EO	15		15	0.30	Comm Cooling	24	1,520		$1,212.50	$13,333.88	$ 12,121	36,472
E262	Commercial HVAC Replacement	10730 - 1	CHVAC: Electric to Heat Pump - Tier 2	15		15	0.22	Comm Cooling	4	6,704		$2,956.25	$41,041.75	$ 38,086	26,815
E262	Commercial HVAC Replacement	10731 - 1	CHVAC: Heat Pump to Heat Pump - Tier 1	15		15	0.14	Comm Cooling	8	2,075		$437.50	$8,059.63	$ 7,622	16,600
E262	Commercial HVAC Replacement	10731 - 2	CHVAC: Heat Pump to Heat Pump - Tier 1	15		15	0.09	Comm Cooling	8	1,344		$343.75	$9,196.88	$ 8,853	10,753
E262	Commercial HVAC Replacement	10732 - 1	CHVAC: Heat Pump to Heat Pump - Tier 2	15		15	0.27	Comm Cooling	15	2,192		$640.00	$13,280.00	$ 12,640	32,875
E262	Commercial HVAC Replacement	10732 - 2	CHVAC: Heat Pump to Heat Pump - Tier 2	15		15	0.13	Comm Cooling	11	1,457		$531.82	$7,153.04	$ 6,621	16,029
E262	Commercial HVAC Replacement	11704 - 1	CHVAC: Heat Pump - Packaged Terminal - Lodging	15		15	0.05	Comm Space Heat	9	646		$100.00	$556.00	$ 456	5,814
E262	Commercial HVAC Replacement	11704 - 2	CHVAC: Heat Pump - Packaged Terminal - Lodging	15		15	0.15	Comm Space Heat	25	737		$100.00	$582.10	$ 482	18,425
E262	Commercial HVAC Replacement	11963 - 1	CHVAC: Electric to Ductless Heat Pump - Tier 1	15		15	0.03	Comm Space Heat	1	3,909		$1,500.00	$10,287.00	$ 8,787	3,909
E262	Commercial HVAC Replacement	11964 - 1	CHVAC: Electric to Ductless Heat Pump - Tier 2	15		15	0.23	Comm Space Heat	10	2,732		$1,100.00	$6,089.00	$ 4,989	27,320
E262	Premium HVAC	11232 - 1	PHVAC: Basic Diagnostics	5		5	0.06	Comm Space Heat	48	436		$291.25	$291.25	$ -	20,944
E262	Premium HVAC	11232 - 2	PHVAC: Basic Diagnostics	5		5	0.30	Comm Flat	256	425		$261.17	$261.17	$ -	108,794
E262	Premium HVAC	11233 - 1	PHVAC: Enable Morning Warmup	5		5	0.04	Comm Space Heat	47	303		$61.17	$61.17	$ -	14,256
E262	Premium HVAC	11233 - 2	PHVAC: Enable Morning Warmup	5		5	0.07	Comm Flat	174	147		$30.75	$30.75	$ -	25,623
E262	Premium HVAC	11234 - 1	PHVAC: Ventilation - Demand Control	10		10	0.03	Comm Space Heat	6	770		$800.00	$800.00	$ -	4,619
E262	Premium HVAC	11234 - 2	PHVAC: Ventilation - Demand Control	10		10	0.23	Comm Space Heat	57	738		$800.00	$800.00	$ -	42,047
			Program Total				**10.01**								**1,800,978**

Measure Version	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M
	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
11235 - 1			$ 900	$ -	$ 900						$ -	$ -	$ -	$ -
11235 - 2			$ 6,000	$ -	$ 6,000				$ -		$ -	$ -	$ -	$ -
11236 - 1			$ 5,400	$ -	$ 5,400						$ -	$ -	$ -	$ -
11236 - 2			$ 18,700	$ -	$ 18,700				$ -		$ -	$ -	$ -	$ -
11703 - 1			$ 20,200	$ 27,201	$ 47,401						$ -	$ -	$ -	$ -
11703 - 2			$ 18,300	$ (2,052)	$ 16,248				$ -		$ -	$ -	$ -	$ -
11237 - 2			$ 34,500	$ -	$ 34,500				$ -		$ -	$ -	$ -	$ -
11754 - 1			$ 7,500	$ -	$ 7,500						$ -	$ -	$ -	$ -
11754 - 2			$ 30,750	$ -	$ 30,750				$ -		$ -	$ -	$ -	$ -
10723 - 1			$ 2,500	$ (2,500)	$ -						$ -	$ -	$ -	$ -
10723 - 2			$ 15,500	$ 52,339	$ 67,839				$ -		$ -	$ -	$ -	$ -
10724 - 1			$ 22,000	$ 128,210	$ 150,210						$ -	$ -	$ -	$ -
10724 - 2			$ 93,500	$ 233,360	$ 326,860				$ -		$ -	$ -	$ -	$ -
10725 - 1			$ 8,000	$ 3,440	$ 11,440						$ -	$ -	$ -	$ -
10725 - 2			$ 6,500	$ 43,665	$ 50,165				$ -		$ -	$ -	$ -	$ -
10726 - 2			$ 17,325	$ 54,522	$ 71,847				$ -		$ -	$ -	$ -	$ -
10727 - 1			$ 6,281	$ (5,227)	$ 1,054						$ -	$ -	$ -	$ -
10727 - 2			$ 2,025	$ 15,975	$ 18,000				$ -		$ -	$ -	$ -	$ -
10728 - 1			$ 4,481	$ (3,481)	$ 1,000						$ -	$ -	$ -	$ -
10728 - 2			$ 36,625	$ 354,874	$ 391,499				$ -		$ -	$ -	$ -	$ -
10766 - 2			$ 29,100	$ 290,913	$ 320,013				$ -		$ -	$ -	$ -	$ -
10730 - 1			$ 11,825	$ 152,342	$ 164,167						$ -	$ -	$ -	$ -
10731 - 1			$ 3,500	$ 60,977	$ 64,477						$ -	$ -	$ -	$ -
10731 - 2			$ 2,750	$ 70,825	$ 73,575				$ -		$ -	$ -	$ -	$ -
10732 - 1			$ 9,600	$ 189,600	$ 199,200						$ -	$ -	$ -	$ -
10732 - 2			$ 5,850	$ 72,833	$ 78,683				$ -		$ -	$ -	$ -	$ -
11704 - 1			$ 900	$ 4,104	$ 5,004						$ -	$ -	$ -	$ -
11704 - 2			$ 2,500	$ 12,052	$ 14,552				$ -		$ -	$ -	$ -	$ -
11963 - 1			$ 1,500	$ 8,787	$ 10,287				$ -		$ -	$ -	$ -	$ -
11964 - 1			$ 11,000	$ 49,890	$ 60,890				$ -		$ -	$ -	$ -	$ -
11232 - 1			$ 13,980	$ -	$ 13,980						$ -	$ -	$ -	$ -
11232 - 2			$ 66,860	$ -	$ 66,860				$ -		$ -	$ -	$ -	$ -
11233 - 1			$ 2,875	$ -	$ 2,875						$ -	$ -	$ -	$ -
11233 - 2			$ 5,350	$ -	$ 5,350				$ -		$ -	$ -	$ -	$ -
11234 - 1			$ 4,800	$ -	$ 4,800						$ -	$ -	$ -	$ -
11234 - 2			$ 45,600	$ -	$ 45,600				$ -		$ -	$ -	$ -	$ -
Program Total	**0%**	**$ 229,539**	**$ 573,145**	**$ 1,812,650**	**$ 2,387,627**	**$ -**	**$ 802,684**	**$ 2,617,165**			**$ 744,812**	**$ 2,428,473**	**$ -**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
11235 - 1	0.822636	$ 1,696.24	0.822636	$ -	$ 1,696	$ -	$ 1,696	$ 1,696	$ 1,866		
11235 - 2	0.327755	$ 4,543	0.327755	$ -	$ 4,543	$ -	$ 4,543	$ 4,543	$ 4,997		
11236 - 1	0.822636	$ 51,644	0.822636	$ -	$ 51,644	$ -	$ 51,644	$ 51,644	$ 56,808		
11236 - 2	0.327755	$ 44,518	0.327755	$ -	$ 44,518	$ -	$ 44,518	$ 44,518	$ 48,969		
11703 - 1	1.437044	$ 64,443	1.437044	$ -	$ 64,443	$ -	$ 64,443	$ 64,443	$ 70,887		
11703 - 2	1.437044	$ 68,375	1.437044	$ -	$ 68,375	$ -	$ 68,375	$ 68,375	$ 75,212		
11237 - 2	0.327755	$ 93,546	0.327755	$ -	$ 93,546	$ -	$ 93,546	$ 93,546	$ 102,901		
11754 - 1	0.822636	$ 9,164	0.822636	$ -	$ 9,164	$ -	$ 9,164	$ 9,164	$ 10,080		
11754 - 2	0.327755	$ 48,454	0.327755	$ -	$ 48,454	$ -	$ 48,454	$ 48,454	$ 53,299		
10723 - 1	1.910065	$ 22,520	1.910065	$ -	$ 22,520	$ -	$ 22,520	$ 22,520	$ 24,772		
10723 - 2	1.910065	$ 109,069	1.910065	$ -	$ 109,069	$ -	$ 109,069	$ 109,069	$ 119,975		
10724 - 1	1.910065	$ 184,703	1.910065	$ -	$ 184,703	$ -	$ 184,703	$ 184,703	$ 203,174		
10724 - 2	1.910065	$ 602,339	1.910065	$ -	$ 602,339	$ -	$ 602,339	$ 602,339	$ 662,573		
10725 - 1	1.910065	$ 35,638	1.910065	$ -	$ 35,638	$ -	$ 35,638	$ 35,638	$ 39,202		
10725 - 2	1.910065	$ 29,375	1.910065	$ -	$ 29,375	$ -	$ 29,375	$ 29,375	$ 32,312		
10726 - 2	1.910065	$ 72,020	1.910065	$ -	$ 72,020	$ -	$ 72,020	$ 72,020	$ 79,222		
10727 - 1	0.532267	$ 7,890	0.532267	$ -	$ 7,890	$ -	$ 7,890	$ 7,890	$ 8,679		
10727 - 2	0.532267	$ 2,515	0.532267	$ -	$ 2,515	$ -	$ 2,515	$ 2,515	$ 2,766		
10728 - 1	0.532267	$ 5,868	0.532267	$ -	$ 5,868	$ -	$ 5,868	$ 5,868	$ 6,455		
10728 - 2	0.532267	$ 29,319	0.532267	$ -	$ 29,319	$ -	$ 29,319	$ 29,319	$ 32,251		
10766 - 2	0.532267	$ 19,413	0.532267	$ -	$ 19,413	$ -	$ 19,413	$ 19,413	$ 21,354		
10730 - 1	0.532267	$ 14,273	0.532267	$ -	$ 14,273	$ -	$ 14,273	$ 14,273	$ 15,700		
10731 - 1	0.532267	$ 8,836	0.532267	$ -	$ 8,836	$ -	$ 8,836	$ 8,836	$ 9,719		
10731 - 2	0.532267	$ 5,723	0.532267	$ -	$ 5,723	$ -	$ 5,723	$ 5,723	$ 6,296		
10732 - 1	0.532267	$ 17,498	0.532267	$ -	$ 17,498	$ -	$ 17,498	$ 17,498	$ 19,248		
10732 - 2	0.532267	$ 8,532	0.532267	$ -	$ 8,532	$ -	$ 8,532	$ 8,532	$ 9,385		
11704 - 1	1.910065	$ 11,105	1.910065	$ -	$ 11,105	$ -	$ 11,105	$ 11,105	$ 12,216		
11704 - 2	1.910065	$ 35,193	1.910065	$ -	$ 35,193	$ -	$ 35,193	$ 35,193	$ 38,712		
11963 - 1	1.910065	$ 7,466	1.910065	$ -	$ 7,466	$ -	$ 7,466	$ 7,466	$ 8,213		
11964 - 1	1.910065	$ 52,183	1.910065	$ -	$ 52,183	$ -	$ 52,183	$ 52,183	$ 57,401		
11232 - 1	0.822636	$ 17,229	0.822636	$ -	$ 17,229	$ -	$ 17,229	$ 17,229	$ 18,952		
11232 - 2	0.327755	$ 35,658	0.327755	$ -	$ 35,658	$ -	$ 35,658	$ 35,658	$ 39,223		
11233 - 1	0.822636	$ 11,727	0.822636	$ -	$ 11,727	$ -	$ 11,727	$ 11,727	$ 12,900		
11233 - 2	0.327755	$ 8,398	0.327755	$ -	$ 8,398	$ -	$ 8,398	$ 8,398	$ 9,238		
11234 - 1	1.437044	$ 6,637	1.437044	$ -	$ 6,637	$ -	$ 6,637	$ 6,637	$ 7,301		
11234 - 2	1.437044	$ 60,424	1.437044	$ -	$ 60,424	$ -	$ 60,424	$ 60,424	$ 66,466		
Program Total								**$ 1,807,933**	**$ 1,988,727**	**2.43**	**0.82**

Summary

Discount Rate: 7.80%

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Overhead Budget: Paste
E262	Small Business Direct Install	11137 - 1	SBDI: Occupancy Sensor - 100w to 150w	10		10	0.00	Comm Lighting	13	120		$68.00	$68.00	$ -	1,560
E262	Small Business Direct Install	11138 - 1	SBDI: Occupancy Sensor - 151w to 200w	10		10	0.00	Comm Lighting	22	167		$68.00	$68.00	$ -	3,674
E262	Small Business Direct Install	11139 - 1	SBDI: Occupancy Sensor - 201w to 450w	10		10	0.00	Comm Lighting	9	311		$68.00	$68.00	$ -	2,799
E262	Small Business Direct Install	11140 - 1	SBDI: Occupancy Sensor - Less than 100w	10		10	0.00	Comm Lighting	22	48		$68.00	$68.00	$ -	1,056
E262	Small Business Direct Install	10953 - 1	SBDI: Controls - ASH - Compressor - Mid Temp	8		8	0.01	Comm Refrigeration	79	230		$42.40	$42.40	$ -	18,055
E262	Small Business Direct Install	11231 - 1	SBDI: Thermostat - Programmable	10		10	0.00	Comm Space Heat	1	473		$160.00	$160.00	$ -	473
E262	Small Business Direct Install	11925 - 1	SBDI: Lighting - Custom	12		12	0.60	Comm Lighting	1	496,032		$56,868.85	$87,008.74	$ 30,140	496,032
E262	Small Business Direct Install	11143 - 1	SBDI: Open Case Lighting - LED - High - from 4ft T8	11		11	0.03	Comm Lighting	152	179		$41.82	$41.82	$ -	27,208
E262	Small Business Direct Install	11144 - 1	SBDI: Open Case Lighting - LED - High - from 5ft T1	11		11	0.00	Comm Lighting	4	376		$58.55	$58.55	$ -	1,504
E262	Small Business Direct Install	11145 - 1	SBDI: Open Case Lighting - LED - High - from 5ft T8	11		11	0.01	Comm Lighting	22	223		$41.82	$41.82	$ -	4,906
E262	Small Business Direct Install	11147 - 1	SBDI: Open Case Lighting - LED - High - from 6ft T8	11		11	0.01	Comm Lighting	19	268		$55.82	$55.82	$ -	5,092
E262	Small Business Direct Install	11148 - 1	SBDI: Open Case Lighting - LED - Low - from 4ft T1	11		11	0.00	Comm Lighting	13	170		$58.55	$58.55	$ -	2,210
E262	Small Business Direct Install	11149 - 1	SBDI: Open Case Lighting - LED - Low - from 4ft T8	11		11	0.00	Comm Lighting	20	98		$41.82	$41.82	$ -	1,960
E262	Small Business Direct Install	11150 - 1	SBDI: Open Case Lighting - LED - Low - from 5ft T1	11		11	0.00	Comm Lighting	21	212		$58.55	$58.55	$ -	4,452
E262	Small Business Direct Install	11151 - 1	SBDI: Open Case Lighting - LED - Low - from 5ft T8	11		11	0.00	Comm Lighting	4	122		$41.82	$41.82	$ -	488
E262	Small Business Direct Install	11152 - 1	SBDI: Open Case Lighting - LED - Low - from 6ft T1	11		11	0.00	Comm Lighting	16	255		$78.15	$78.15	$ -	4,080
E262	Small Business Direct Install	11154 - 1	SBDI: Open Case Lighting - T12 - Delamp - 4 ft	11		11	0.00	Comm Lighting	1	226		$58.55	$58.55	$ -	226
E262	Small Business Direct Install	11161 - 1	BDI: Reach In Case Lighting - LED - Low - from 4ft T	11		11	0.00	Comm Lighting	7	302		$58.55	$58.55	$ -	2,114
E262	Small Business Direct Install	11162 - 1	SBDI: Reach In Case Lighting - LED - Low - from 4ft T	11		11	0.01	Comm Lighting	22	206		$41.82	$41.82	$ -	4,532
E262	Small Business Direct Install	11163 - 1	BDI: Reach In Case Lighting - LED - Low - from 5ft T	11		11	0.00	Comm Lighting	7	378		$58.55	$58.55	$ -	2,646
E262	Small Business Direct Install	11165 - 1	BDI: Reach In Case Lighting - LED - Low - from 6ft T	11		11	0.00	Comm Lighting	4	453		$78.15	$78.15	$ -	1,812
E262	Small Business Direct Install	11167 - 1	BDI: Reach In Case Lighting - LED - Med - from 4ft T	11		11	0.00	Comm Lighting	14	222		$58.55	$58.55	$ -	3,108
E262	Small Business Direct Install	11169 - 1	BDI: Reach In Case Lighting - LED - Med - from 5ft T	11		11	0.01	Comm Lighting	33	278		$58.55	$58.55	$ -	9,174
E262	Small Business Direct Install	10957 - 1	SBDI: Fixture - LED - Area - Photocell - 35w	12		12	0.03	Comm Lighting	35	685		$153.17	$218.82	$ 66	23,975
E262	Small Business Direct Install	10958 - 2	SBDI: Fixture - LED - Recessed Can - Assembly Chur	12		12	0.04	Comm Lighting	479	62		$70.00	$106.68	$ 37	29,698
E262	Small Business Direct Install	10959 - 2	SBDI: Fixture - LED - Recessed Can - Exterior	12		12	0.03	Comm Lighting	175	138		$70.00	$106.68	$ 37	24,150
E262	Small Business Direct Install	10961 - 2	SBDI: Fixture - LED - Recessed Can - Office	12		12	0.04	Comm Lighting	317	103		$70.00	$106.68	$ 37	32,651
E262	Small Business Direct Install	10962 - 2	SBDI: Fixture - LED - Recessed Can - Other	12		12	0.01	Comm Lighting	158	77		$70.00	$106.68	$ 37	12,166
E262	Small Business Direct Install	10963 - 2	SBDI: Fixture - LED - Recessed Can - Other Health	12		12	0.01	Comm Lighting	61	151		$70.00	$106.68	$ 37	9,211
E262	Small Business Direct Install	10964 - 2	SBDI: Fixture - LED - Recessed Can - Restaurant	12		12	0.02	Comm Lighting	146	123		$70.00	$106.68	$ 37	17,958
E262	Small Business Direct Install	10969 - 1	DI: Fixture - LED - Wall Pack - Photocell - Less than	12		12	0.00	Comm Lighting	20	181		$70.73	$176.82	$ 106	3,620
E262	Small Business Direct Install	10970 - 1	DI: Fixture - LED - Wall Pack - Photocell - Less than	12		12	0.01	Comm Lighting	15	601		$153.17	$218.82	$ 66	9,015
E262	Small Business Direct Install	10993 - 1	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w H	12		12	0.00	Comm Lighting	8	272		$60.93	$87.05	$ 26	2,176
E262	Small Business Direct Install	10993 - 2	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w H	12		12	0.03	Comm Lighting	93	271		$60.93	$87.05	$ 26	25,203
E262	Small Business Direct Install	10995 - 2	SBDI: Fixture - TLED - 4 ft - 2x - from 8 ft T12 F96 1x	12		12	0.01	Comm Lighting	78	142		$64.90	$92.72	$ 28	11,076
E262	Small Business Direct Install	10996 - 1	BDI: Fixture - TLED - 4 ft - 2x - from 8 ft T12 HO F96	12		12	0.01	Comm Lighting	18	262		$65.48	$93.55	$ 28	4,716
E262	Small Business Direct Install	10996 - 2	BDI: Fixture - TLED - 4 ft - 2x - from 8 ft T12 HO F96	12		12	0.06	Comm Lighting	182	261		$65.48	$93.55	$ 28	47,502
E262	Small Business Direct Install	10997 - 1	SBDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 F96 2x	12		12	0.00	Comm Lighting	2	285		$84.30	$120.43	$ 36	570
E262	Small Business Direct Install	10997 - 2	SBDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 F96 2x	12		12	0.07	Comm Lighting	202	284		$84.30	$120.43	$ 36	57,368
E262	Small Business Direct Install	10998 - 1	BDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 HO F96	12		12	0.01	Comm Lighting	12	524		$54.05	$77.21	$ 23	6,288
E262	Small Business Direct Install	10998 - 2	BDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 HO F96	12		12	0.14	Comm Lighting	229	521		$54.05	$77.21	$ 23	119,309
E262	Small Business Direct Install	10999 - 2	SBDI: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T12 3	12		12	0.00	Comm Lighting	2	281		$60.93	$87.05	$ 26	562
E262	Small Business Direct Install	11000 - 2	SBDI: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T12 4	12		12	0.05	Comm Lighting	111	403		$61.22	$87.46	$ 26	44,733
E262	Small Business Direct Install	11001 - 1	DI: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T12 HO	12		12	0.00	Comm Lighting	1	630		$43.73	$87.46	$ 44	630
E262	Small Business Direct Install	11002 - 2	DI: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T12 HO	12		12	0.02	Comm Lighting	16	865		$43.73	$87.46	$ 44	13,840
E262	Small Business Direct Install	11003 - 2	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 28w N	12		12	0.01	Comm Lighting	24	231		$68.87	$98.39	$ 30	5,544
E262	Small Business Direct Install	11004 - 1	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w H	12		12	0.02	Comm Lighting	35	391		$68.87	$98.39	$ 30	13,685
E262	Small Business Direct Install	11004 - 2	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w H	12		12	0.13	Comm Lighting	284	389		$68.87	$98.39	$ 30	110,476
E262	Small Business Direct Install	11005 - 1	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w N	12		12	0.00	Comm Lighting	1	272		$68.87	$98.39	$ 30	272
E262	Small Business Direct Install	11005 - 2	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w N	12		12	0.12	Comm Lighting	373	271		$68.87	$98.39	$ 30	101,083
E262	Small Business Direct Install	11006 - 2	DI: Fixture - TLED - DLR - 4 ft - 2x - from 8 ft T12 F9	12		12	0.08	Comm Lighting	171	370		$65.93	$94.19	$ 28	63,270
E262	Small Business Direct Install	11007 - 2	SBDI: Fixture - TLED - DLR - 4 ft - 3x - from 4 ft T12 4	12		12	0.01	Comm Lighting	13	360		$55.31	$79.01	$ 24	4,680
E262	Small Business Direct Install	11008 - 2	DI: Fixture - TLED - DLR - 4 ft - 3x - from 4 ft T12 HO	12		12	0.01	Comm Lighting	13	822		$37.51	$75.02	$ 38	10,686
E262	Small Business Direct Install	11010 - 2	: Fixture - TLED - DLR - 4 ft - 3x - from 4 ft T8 32w L	12		12	0.00	Comm Lighting	11	188		$51.61	$73.72	$ 22	2,068
E262	Small Business Direct Install	11125 - 1	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w N	12		12	0.03	Comm Lighting	126	182		$60.93	$87.05	$ 26	22,932
E262	Small Business Direct Install	12053 - 1	SBDI: Fixture - LED - 100w - from 400w HID	12		12	1.11	Comm Lighting	777	1,181		$239.32	$239.32	$ -	917,637
E262	Small Business Direct Install	10973 - 2	DI: Fixture - T8 - 25w - 2x - NBF - from 160w Multi La	12		12	0.00	Comm Lighting	9	356		$149.94	$149.94	$ -	3,204
E262	Small Business Direct Install	10975 - 1	SBDI: Fixture - T8 - 4 ft - 2x - 28w - from 8 ft T8 F96 1	12		12	0.00	Comm Lighting	4	20		$127.20	$127.20	$ -	80
E262	Small Business Direct Install	10976 - 2	SBDI: Fixture - T8 - 4 ft - 2x - from 8 ft T12 HO F96 1	12		12	0.00	Comm Lighting	15	188		$127.20	$127.20	$ -	2,820
E262	Small Business Direct Install	10977 - 1	SBDI: Fixture - T8 - 4 ft - 4x - from 8 ft T12 HO F96 2	12		12	0.02	Comm Lighting	43	378		$74.79	$74.79	$ -	16,254
E262	Small Business Direct Install	10977 - 2	SBDI: Fixture - T8 - 4 ft - 4x - from 8 ft T12 HO F96 2	12		12	0.15	Comm Lighting	332	376		$74.79	$74.79	$ -	124,832
E262	Small Business Direct Install	10978 - 1	SBDI: Fixture - T8 - 4 ft - 4x - from 8 ft T12 F96 2x	12		12	0.00	Comm Lighting	79	40		$74.79	$74.79	$ -	3,160
E262	Small Business Direct Install	10979 - 3	SBDI: Fixture - T8 - DLR - 4 ft - 2x - from 4 ft T12 3x	12		12	0.00	Comm Lighting	2	208		$61.56	$61.56	$ -	416
E262	Small Business Direct Install	10980 - 1	SBDI: Fixture - T8 - DLR - 4 ft - 2x - from 4 ft T12 4x	12		12	0.00	Comm Lighting	7	332		$62.01	$62.01	$ -	2,324
E262	Small Business Direct Install	10980 - 3	SBDI: Fixture - T8 - DLR - 4 ft - 2x - from 4 ft T12 4x	12		12	0.03	Comm Lighting	87	330		$62.01	$62.01	$ -	28,710
E262	Small Business Direct Install	10981 - 3	DI: Fixture - T8 - DLR - 4 ft - 2x - from 8 ft T12 delam	12		12	0.02	Comm Lighting	66	297		$62.01	$62.01	$ -	19,602
E262	Small Business Direct Install	10982 - 2	SBDI: Fixture - T8 - DLR - 4 ft - 3x - from 4 ft T12 4x	12		12	0.01	Comm Lighting	31	251		$48.55	$48.55	$ -	7,781
E262	Small Business Direct Install	10984 - 1	SBDI: Fixture - T8 Retro Kit - 2 ft - 1x - from 2 ft T12 1	12		12	0.00	Comm Lighting	40	33		$38.14	$38.14	$ -	1,320
E262	Small Business Direct Install	10986 - 3	SBDI: Fixture - T8 Retro Kit - 3 ft - 1x - from 3 ft T12 1	12		12	0.00	Comm Lighting	13	79		$38.14	$38.14	$ -	1,027
E262	Small Business Direct Install	10987 - 1	SBDI: Fixture - T8 Retro Kit - 4 ft - 1x - from 4 ft T12 1	12		12	0.01	Comm Lighting	235	43		$38.14	$38.14	$ -	10,105
E262	Small Business Direct Install	10988 - 1	SBDI: Fixture - T8 Retro Kit - 4 ft - 2x - from 4 ft T12 2	12		12	0.17	Comm Lighting	1,600	86		$39.33	$39.33	$ -	137,600
E262	Small Business Direct Install	10989 - 2	DI: Fixture - T8 Retro Kit - 4 ft - 2x - from 4 ft T12 HO	12		12	0.03	Comm Lighting	82	317		$39.33	$39.33	$ -	25,994
E262	Small Business Direct Install	10990 - 2	DI: Fixture - T8 Retro Kit - 4 ft - 3x - from 4 ft T12 HO	12		12	0.02	Comm Lighting	28	475		$44.25	$44.25	$ -	13,300
E262	Small Business Direct Install	10991 - 2	Fixture - T8 Retro Kit - DLR - 4 ft - 2x - from 4 ft T12	12		12	0.01	Comm Lighting	8	554		$61.56	$61.56	$ -	4,432
E262	Small Business Direct Install	11104 - 2	SBDI: Lamp - T8 - DLR - 4 ft - 2x - from 4 ft T12 HO 4	12		12	0.15	Comm Lighting	162	792		$62.01	$62.01	$ -	128,304
E262	Small Business Direct Install	11011 - 1	SBDI: Lamp - LED - 20w - from 100w HID	12		12	0.03	Comm Lighting	63	458		$91.65	$176.82	$ 85	28,854
E262	Small Business Direct Install	11012 - 1	SBDI: Lamp - LED - 35w - from 175w HID	12		12	0.18	Comm Lighting	198	735		$153.17	$218.82	$ 66	145,530
E262	Small Business Direct Install	11013 - 1	SBDI: Lamp - LED - 35w - from 250w HID	12		12	0.60	Comm Lighting	463	1,075		$153.17	$218.82	$ 66	497,725
E262	Small Business Direct Install	11014 - 1	SBDI: Lamp - LED - 60w - from 250w HID	12		12	0.38	Comm Lighting	326	970		$194.04	$298.62	$ 105	316,220
E262	Small Business Direct Install	11015 - 1	SBDI: Lamp - LED - 60w - from 400w HID	12		12	0.26	Comm Lighting	131	1,672		$329.75	$471.07	$ 141	219,032
E262	Small Business Direct Install	11016 - 1	SBDI: Lamp - LED - 80w - from 400w HID	12		12	0.04	Comm Lighting	23	1,588		$317.52	$471.07	$ 154	36,524
E262	Small Business Direct Install	11017 - 2	SBDI: Lamp - LED - Decorative - Assembly Church	3		3	0.00	Comm Lighting	86	35		$10.82	$10.82	$ -	3,010
E262	Small Business Direct Install	11018 - 2	SBDI: Lamp - LED - Decorative - Exterior	3		3	0.00	Comm Lighting	74	79		$10.82	$10.82	$ -	5,846
E262	Small Business Direct Install	11020 - 1	SBDI: Lamp - LED - Decorative - Office	3		3	0.00	Comm Lighting	9	58		$27.69	$27.69	$ -	522
E262	Small Business Direct Install	11020 - 2	SBDI: Lamp - LED - Decorative - Office	3		3	0.00	Comm Lighting	100	58		$10.82	$10.82	$ -	5,800
E262	Small Business Direct Install	11021 - 2	SBDI: Lamp - LED - Decorative - Other	3		3	0.00	Comm Lighting	79	44		$10.82	$10.82	$ -	3,476
E262	Small Business Direct Install	11022 - 1	SBDI: Lamp - LED - Decorative - Other Health	3		3	0.00	Comm Lighting	11	86		$27.69	$27.69	$ -	946
E262	Small Business Direct Install	11022 - 2	SBDI: Lamp - LED - Decorative - Other Health	3		3	0.00	Comm Lighting	49	86		$10.82	$10.82	$ -	4,214
E262	Small Business Direct Install	11023 - 2	SBDI: Lamp - LED - Decorative - Restaurant	3		3	0.01	Comm Lighting	370	70		$10.82	$10.82	$ -	25,900
E262	Small Business Direct Install	11024 - 2	SBDI: Lamp - LED - Decorative - Retail	3		3	0.00	Comm Lighting	179	64		$10.82	$10.82	$ -	11,456
E262	Small Business Direct Install	11027 - 2	SBDI: Lamp - LED - Globe - 5w - Assembly Church	5		5	0.00	Comm Lighting	112	25		$14.89	$14.89	$ -	2,800
E262	Small Business Direct Install	11028 - 1	SBDI: Lamp - LED - Globe - 5w - Exterior	5		5	0.00	Comm Lighting	3	56		$21.07	$21.07	$ -	168
E262	Small Business Direct Install	11028 - 2	SBDI: Lamp - LED - Globe - 5w - Exterior	5		5	0.00	Comm Lighting	7	56		$14.89	$14.89	$ -	392
E262	Small Business Direct Install	11030 - 1	SBDI: Lamp - LED - Globe - 5w - Office	5		5	0.00	Comm Lighting	9	41		$21.07	$21.07	$ -	369
E262	Small Business Direct Install	11030 - 2	SBDI: Lamp - LED - Globe - 5w - Office	5		5	0.00	Comm Lighting	104	41		$14.89	$14.89	$ -	4,264
E262	Small Business Direct Install	11031 - 2	SBDI: Lamp - LED - Globe - 5w - Other	5		5	0.00	Comm Lighting	31	31		$14.89	$14.89	$ -	961
E262	Small Business Direct Install	11032 - 2	SBDI: Lamp - LED - Globe - 5w - Other Health	5		5	0.00	Comm Lighting	18	61		$14.89	$14.89	$ -	1,098
E262	Small Business Direct Install	11033 - 3	SBDI: Lamp - LED - Globe - 5w - Restaurant	5		5	0.00	Comm Lighting	92	50		$14.89	$14.89	$ -	4,600
E262	Small Business Direct Install	11034 - 3	SBDI: Lamp - LED - Globe - 5w - Retail	5		5	0.00	Comm Lighting	20	46		$14.89	$14.89	$ -	920
E262	Small Business Direct Install	11036 - 2	SBDI: Lamp - LED - Globe - 5w - Warehouse	5		5	0.00	Comm Lighting	4	33		$14.89	$14.89	$ -	132
E262	Small Business Direct Install	11037 - 1	SBDI: Lamp - LED - High Output - from 320w HID	12		12	0.01	Comm Lighting	9	928		$329.75	$417.07	$ 87	8,352
E262	Small Business Direct Install	11038 - 1	SBDI: Lamp - LED - High Output - from 400w HID	12		12	0.11	Comm Lighting	71	1,306		$329.75	$417.07	$ 87	92,726
E262	Small Business Direct Install	11039 - 1	BDI: Lamp - LED - Low to Med Output - from 320w H	12		12	0.11	Comm Lighting	68	1,298		$329.75	$417.07	$ 87	88,264
E262	Small Business Direct Install	11040 - 1	BDI: Lamp - LED - Low to Med Output - from 400w H	12		12	0.30	Comm Lighting	146	1,676		$329.75	$417.07	$ 87	244,696
E262	Small Business Direct Install	11041 - 1	SBDI: Lamp - LED - MR 16 - Assembly Church	5		5	0.00	Comm Lighting	3	47		$32.41	$32.41	$ -	141
E262	Small Business Direct Install	11041 - 2	SBDI: Lamp - LED - MR 16 - Assembly Church	5		5	0.00	Comm Lighting	117	47		$19.00	$19.00	$ -	5,499
E262	Small Business Direct Install	11043 - 2	SBDI: Lamp - LED - MR 16 - Grocery	5		5	0.00	Comm Lighting	4	134		$19.00	$19.00	$ -	536
E262	Small Business Direct Install	11044 - 2	SBDI: Lamp - LED - MR 16 - Office	5		5	0.01	Comm Lighting	130	77		$19.00	$19.00	$ -	10,010
E262	Small Business Direct Install	11045 - 2	SBDI: Lamp - LED - MR 16 - Other	5		5	0.00	Comm Lighting	110	58		$19.00	$19.00	$ -	6,380
E262	Small Business Direct Install	11046 - 2	SBDI: Lamp - LED - MR 16 - Other Health	5		5	0.00	Comm Lighting	4	113		$19.00	$19.00	$ -	452
E262	Small Business Direct Install	11047 - 2	SBDI: Lamp - LED - MR 16 - Restaurant	5		5	0.01	Comm Lighting	138	92		$19.00	$19.00	$ -	12,696
E262	Small Business Direct Install	11048 - 1	SBDI: Lamp - LED - MR 16 - Retail	5		5	0.00	Comm Lighting	16	84		$32.41	$32.41	$ -	1,344
E262	Small Business Direct Install	11048 - 2	SBDI: Lamp - LED - MR 16 - Retail	5		5	0.01	Comm Lighting	276	84		$19.00	$19.00	$ -	23,184
E262	Small Business Direct Install	11050 - 2	SBDI: Lamp - LED - MR 16 - Warehouse	5		5	0.00	Comm Lighting	3	61		$19.00	$19.00	$ -	183
E262	Small Business Direct Install	11051 - 1	SBDI: Lamp - LED - Omni - 11w - Assembly Church	5		5	0.00	Comm Lighting	77	55		$19.68	$19.68	$ -	4,235
E262	Small Business Direct Install	11051 - 2	SBDI: Lamp - LED - Omni - 11w - Assembly Church	5		5	0.01	Comm Lighting	290	55		$13.78	$13.78	$ -	15,950
E262	Small Business Direct Install	11052 - 1	SBDI: Lamp - LED - Omni - 11w - Exterior	5		5	0.00	Comm Lighting	2	123		$19.68	$19.68	$ -	246
E262	Small Business Direct Install	11052 - 2	SBDI: Lamp - LED - Omni - 11w - Exterior	5		5	0.04	Comm Lighting	609	123		$13.78	$13.78	$ -	74,907
E262	Small Business Direct Install	11053 - 1	SBDI: Lamp - LED - Omni - 11w - Grocery	5		5	0.00	Comm Lighting	4	159		$19.68	$19.68	$ -	636
E262	Small Business Direct Install	11053 - 2	SBDI: Lamp - LED - Omni - 11w - Grocery	5		5	0.01	Comm Lighting	66	159		$13.78	$13.78	$ -	10,494
E262	Small Business Direct Install	11054 - 1	SBDI: Lamp - LED - Omni - 11w - Office	5		5	0.00	Comm Lighting	30	91		$19.68	$19.68	$ -	2,730
E262	Small Business Direct Install	11054 - 3	SBDI: Lamp - LED - Omni - 11w - Office	5		5	0.03	Comm Lighting	555	91		$13.78	$13.78	$ -	50,505
E262	Small Business Direct Install	11055 - 2	SBDI: Lamp - LED - Omni - 11w - Other	5		5	0.10	Comm Lighting	2,967	68		$13.78	$13.78	$ -	201,756
E262	Small Business Direct Install	11056 - 1	SBDI: Lamp - LED - Omni - 11w - Other Health	5		5	0.00	Comm Lighting	5	134		$19.68	$19.68	$ -	670
E262	Small Business Direct Install	11056 - 3	SBDI: Lamp - LED - Omni - 11w - Other Health	5		5	0.01	Comm Lighting	122	134		$13.78	$13.78	$ -	16,348
E262	Small Business Direct Install	11057 - 3	SBDI: Lamp - LED - Omni - 11w - Restaurant	5		5	0.06	Comm Lighting	1,039	109		$13.78	$13.78	$ -	113,251
E262	Small Business Direct Install	11058 - 1	SBDI: Lamp - LED - Omni - 11w - Retail	5		5	0.00	Comm Lighting	4	100		$19.68	$19.68	$ -	400
E262	Small Business Direct Install	11058 - 3	SBDI: Lamp - LED - Omni - 11w - Retail	5		5	0.03	Comm Lighting	609	100		$13.78	$13.78	$ -	60,900
E262	Small Business Direct Install	11060 - 2	SBDI: Lamp - LED - Omni - 11w - Warehouse	5		5	0.00	Comm Lighting	10	72		$13.78	$13.78	$ -	720
E262	Small Business Direct Install	11061 - 1	SBDI: Lamp - LED - Omni - 7w - Assembly Church	5		5	0.00	Comm Lighting	69	35		$18.70	$18.70	$ -	2,415
E262	Small Business Direct Install	11061 - 2	SBDI: Lamp - LED - Omni - 7w - Assembly Church	5		5	0.01	Comm Lighting	397	35		$13.78	$13.78	$ -	13,895
E262	Small Business Direct Install	11062 - 2	SBDI: Lamp - LED - Omni - 7w - Exterior	5		5	0.00	Comm Lighting	66	78		$13.78	$13.78	$ -	5,148
E262	Small Business Direct Install	11063 - 2	SBDI: Lamp - LED - Omni - 7w - Grocery	5		5	0.00	Comm Lighting	14	101		$13.78	$13.78	$ -	1,414
E262	Small Business Direct Install	11064 - 1	SBDI: Lamp - LED - Omni - 7w - Office	5		5	0.00	Comm Lighting	41	58		$18.70	$18.70	$ -	2,378
E262	Small Business Direct Install	11064 - 2	SBDI: Lamp - LED - Omni - 7w - Office	5		5	0.01	Comm Lighting	296	58		$13.78	$13.78	$ -	17,168
E262	Small Business Direct Install	11065 - 2	SBDI: Lamp - LED - Omni - 7w - Other	5		5	0.00	Comm Lighting	136	43		$13.78	$13.78	$ -	5,848
E262	Small Business Direct Install	11066 - 3	SBDI: Lamp - LED - Omni - 7w - Other Health	5		5	0.00	Comm Lighting	31	85		$13.78	$13.78	$ -	2,635
E262	Small Business Direct Install	11067 - 3	SBDI: Lamp - LED - Omni - 7w - Restaurant	5		5	0.00	Comm Lighting	78	70		$13.78	$13.78	$ -	5,460
E262	Small Business Direct Install	11068 - 1	SBDI: Lamp - LED - Omni - 7w - Retail	5		5	0.00	Comm Lighting	9	64		$18.70	$18.70	$ -	576
E262	Small Business Direct Install	11068 - 3	SBDI: Lamp - LED - Omni - 7w - Retail	5		5	0.05	Comm Lighting	1,537	64		$13.78	$13.78	$ -	98,368
E262	Small Business Direct Install	11070 - 2	SBDI: Lamp - LED - Omni - 7w - Warehouse	5		5	0.00	Comm Lighting	16	46		$13.78	$13.78	$ -	736
E262	Small Business Direct Install	11071 - 1	SBDI: Lamp - LED - Par 20 - Assembly Church	5		5	0.00	Comm Lighting	16	66		$36.68	$36.68	$ -	1,056
E262	Small Business Direct Install	11071 - 2	SBDI: Lamp - LED - Par 20 - Assembly Church	5		5	0.00	Comm Lighting	94	66		$20.07	$20.07	$ -	6,204
E262	Small Business Direct Install	11072 - 2	SBDI: Lamp - LED - Par 20 - Exterior	5		5	0.00	Comm Lighting	42	147		$20.07	$20.07	$ -	6,174
E262	Small Business Direct Install	11073 - 2	SBDI: Lamp - LED - Par 20 - Grocery	5		5	0.00	Comm Lighting	11	192		$20.07	$20.07	$ -	2,112
E262	Small Business Direct Install	11074 - 1	SBDI: Lamp - LED - Par 20 - Office	5		5	0.00	Comm Lighting	7	110		$36.68	$36.68	$ -	770
E262	Small Business Direct Install	11074 - 2	SBDI: Lamp - LED - Par 20 - Office	5		5	0.01	Comm Lighting	237	110		$20.07	$20.07	$ -	26,070
E262	Small Business Direct Install	11075 - 2	SBDI: Lamp - LED - Par 20 - Other	5		5	0.01	Comm Lighting	251	82		$20.07	$20.07	$ -	20,582
E262	Small Business Direct Install	11076 - 2	SBDI: Lamp - LED - Par 20 - Other Health	5		5	0.00	Comm Lighting	1	161		$20.07	$20.07	$ -	161
E262	Small Business Direct Install	11077 - 2	SBDI: Lamp - LED - Par 20 - Restaurant	5		5	0.00	Comm Lighting	35	131		$20.07	$20.07	$ -	4,585
E262	Small Business Direct Install	11078 - 2	SBDI: Lamp - LED - Par 20 - Retail	5		5	0.02	Comm Lighting	363	120		$20.07	$20.07	$ -	43,560
E262	Small Business Direct Install	11080 - 2	SBDI: Lamp - LED - Par 20 - Warehouse	5		5	0.00	Comm Lighting	4	87		$20.07	$20.07	$ -	348
E262	Small Business Direct Install	11081 - 1	SBDI: Lamp - LED - Par 30 - Assembly Church	5		5	0.00	Comm Lighting	56	57		$50.64	$50.64	$ -	3,192
E262	Small Business Direct Install	11081 - 2	SBDI: Lamp - LED - Par 30 - Assembly Church	5		5	0.03	Comm Lighting	976	57		$22.41	$22.41	$ -	55,632
E262	Small Business Direct Install	11082 - 1	SBDI: Lamp - LED - Par 30 - Exterior	5		5	0.00	Comm Lighting	3	126		$50.64	$50.64	$ -	378

Measure Version	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	Paste - Not Used	formula: R * R2 Not Used Paste	but use DBtC for paste	formula v-t	paste	unused mostly	Not Used - total only formula: S + T	Not used - total only formula: S + V	paste	paste	Total PV Costs UCT formula: U/(1+ElecDiscountRate)^1	Total PV Costs TRC formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR								Total Benefits UCT formula: Logic to lookup from AC tables and adjust	Total Benefits TRC Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
11137 - 1			$ 884	$ -	$ 884						$ -	$ -	$ -	$ -	0.631532	$ 985.19	0.631532	$ -	$ 985	$ -	$ 985	$ 985	$ 1,084		
11138 - 1			$ 1,496	$ -	$ 1,496						$ -	$ -	$ -	$ -	0.631532	$ 2,320	0.631532	$ -	$ 2,320	$ -	$ 2,320	$ 2,320	$ 2,552		
11139 - 1			$ 612	$ -	$ 612						$ -	$ -	$ -	$ -	0.631532	$ 1,768	0.631532	$ -	$ 1,768	$ -	$ 1,768	$ 1,768	$ 1,944		
11140 - 1			$ 1,496	$ -	$ 1,496						$ -	$ -	$ -	$ -	0.631532	$ 667	0.631532	$ -	$ 667	$ -	$ 667	$ 667	$ 734		
10953 - 1			$ 3,328	$ -	$ 3,328						$ -	$ -	$ -	$ -	0.484267	$ 8,743	0.484267	$ -	$ 8,743	$ -	$ 8,743	$ 8,743	$ 9,618		
11231 - 1			$ 160	$ -	$ 160						$ -	$ -	$ -	$ -	1.437044	$ 680	1.437044	$ -	$ 680	$ -	$ 680	$ 680	$ 748		
11925 - 1			$ 56,869	$ 30,140	$ 87,009						$ -	$ -	$ -	$ -	0.731381	$ 362,788	0.731381	$ -	$ 362,788	$ -	$ 362,788	$ 362,788	$ 399,067		
11143 - 1			$ 6,357	$ -	$ 6,357						$ -	$ -	$ -	$ -	0.682695	$ 18,575	0.682695	$ -	$ 18,575	$ -	$ 18,575	$ 18,575	$ 20,432		
11144 - 1			$ 234	$ -	$ 234						$ -	$ -	$ -	$ -	0.682695	$ 1,027	0.682695	$ -	$ 1,027	$ -	$ 1,027	$ 1,027	$ 1,129		
11145 - 1			$ 920	$ -	$ 920						$ -	$ -	$ -	$ -	0.682695	$ 3,349	0.682695	$ -	$ 3,349	$ -	$ 3,349	$ 3,349	$ 3,684		
11147 - 1			$ 1,061	$ -	$ 1,061						$ -	$ -	$ -	$ -	0.682695	$ 3,476	0.682695	$ -	$ 3,476	$ -	$ 3,476	$ 3,476	$ 3,824		
11148 - 1			$ 761	$ -	$ 761						$ -	$ -	$ -	$ -	0.682695	$ 1,509	0.682695	$ -	$ 1,509	$ -	$ 1,509	$ 1,509	$ 1,660		
11149 - 1			$ 836	$ -	$ 836						$ -	$ -	$ -	$ -	0.682695	$ 1,338	0.682695	$ -	$ 1,338	$ -	$ 1,338	$ 1,338	$ 1,472		
11150 - 1			$ 1,230	$ -	$ 1,230						$ -	$ -	$ -	$ -	0.682695	$ 3,039	0.682695	$ -	$ 3,039	$ -	$ 3,039	$ 3,039	$ 3,343		
11151 - 1			$ 167	$ -	$ 167						$ -	$ -	$ -	$ -	0.682695	$ 333	0.682695	$ -	$ 333	$ -	$ 333	$ 333	$ 366		
11152 - 1			$ 1,250	$ -	$ 1,250						$ -	$ -	$ -	$ -	0.682695	$ 2,785	0.682695	$ -	$ 2,785	$ -	$ 2,785	$ 2,785	$ 3,064		
11154 - 1			$ 59	$ -	$ 59						$ -	$ -	$ -	$ -	0.682695	$ 154	0.682695	$ -	$ 154	$ -	$ 154	$ 154	$ 170		
11161 - 1			$ 410	$ -	$ 410						$ -	$ -	$ -	$ -	0.682695	$ 1,443	0.682695	$ -	$ 1,443	$ -	$ 1,443	$ 1,443	$ 1,588		
11162 - 1			$ 920	$ -	$ 920						$ -	$ -	$ -	$ -	0.682695	$ 3,094	0.682695	$ -	$ 3,094	$ -	$ 3,094	$ 3,094	$ 3,403		
11163 - 1			$ 410	$ -	$ 410						$ -	$ -	$ -	$ -	0.682695	$ 1,806	0.682695	$ -	$ 1,806	$ -	$ 1,806	$ 1,806	$ 1,987		
11165 - 1			$ 313	$ -	$ 313						$ -	$ -	$ -	$ -	0.682695	$ 1,237	0.682695	$ -	$ 1,237	$ -	$ 1,237	$ 1,237	$ 1,361		
11167 - 1			$ 820	$ -	$ 820						$ -	$ -	$ -	$ -	0.682695	$ 2,122	0.682695	$ -	$ 2,122	$ -	$ 2,122	$ 2,122	$ 2,334		
11169 - 1			$ 1,932	$ -	$ 1,932						$ -	$ -	$ -	$ -	0.682695	$ 6,263	0.682695	$ -	$ 6,263	$ -	$ 6,263	$ 6,263	$ 6,889		
10957 - 1			$ 5,361	$ 2,298	$ 7,659						$ -	$ -	$ -	$ -	0.731381	$ 17,535	0.731381	$ -	$ 17,535	$ -	$ 17,535	$ 17,535	$ 19,288		
10958 - 2			$ 33,530	$ 17,570	$ 51,100				$ -		$ -	$ -	$ -	$ -	0.731381	$ 21,721	0.731381	$ -	$ 21,721	$ -	$ 21,721	$ 21,721	$ 23,893		
10959 - 2			$ 12,250	$ 6,419	$ 18,669				$ -		$ -	$ -	$ -	$ -	0.731381	$ 17,663	0.731381	$ -	$ 17,663	$ -	$ 17,663	$ 17,663	$ 19,429		
10961 - 2			$ 22,190	$ 11,628	$ 33,818				$ -		$ -	$ -	$ -	$ -	0.731381	$ 23,880	0.731381	$ -	$ 23,880	$ -	$ 23,880	$ 23,880	$ 26,268		
10962 - 2			$ 11,060	$ 5,795	$ 16,855				$ -		$ -	$ -	$ -	$ -	0.731381	$ 8,898	0.731381	$ -	$ 8,898	$ -	$ 8,898	$ 8,898	$ 9,788		
10963 - 2			$ 4,270	$ 2,237	$ 6,507				$ -		$ -	$ -	$ -	$ -	0.731381	$ 6,737	0.731381	$ -	$ 6,737	$ -	$ 6,737	$ 6,737	$ 7,410		
10964 - 2			$ 10,220	$ 5,355	$ 15,575				$ -		$ -	$ -	$ -	$ -	0.731381	$ 13,134	0.731381	$ -	$ 13,134	$ -	$ 13,134	$ 13,134	$ 14,448		
10969 - 1			$ 1,415	$ 2,122	$ 3,536						$ -	$ -	$ -	$ -	0.731381	$ 2,648	0.731381	$ -	$ 2,648	$ -	$ 2,648	$ 2,648	$ 2,912		
10970 - 1			$ 2,298	$ 985	$ 3,282						$ -	$ -	$ -	$ -	0.731381	$ 6,593	0.731381	$ -	$ 6,593	$ -	$ 6,593	$ 6,593	$ 7,253		
10993 - 1			$ 487	$ 209	$ 696						$ -	$ -	$ -	$ -	0.731381	$ 1,591	0.731381	$ -	$ 1,591	$ -	$ 1,591	$ 1,591	$ 1,751		
10993 - 2			$ 5,666	$ 2,429	$ 8,096				$ -		$ -	$ -	$ -	$ -	0.731381	$ 18,433	0.731381	$ -	$ 18,433	$ -	$ 18,433	$ 18,433	$ 20,276		
10995 - 2			$ 5,062	$ 2,170	$ 7,232				$ -		$ -	$ -	$ -	$ -	0.731381	$ 8,101	0.731381	$ -	$ 8,101	$ -	$ 8,101	$ 8,101	$ 8,911		
10996 - 1			$ 1,179	$ 505	$ 1,684						$ -	$ -	$ -	$ -	0.731381	$ 3,449	0.731381	$ -	$ 3,449	$ -	$ 3,449	$ 3,449	$ 3,794		
10996 - 2			$ 11,917	$ 5,109	$ 17,026				$ -		$ -	$ -	$ -	$ -	0.731381	$ 34,742	0.731381	$ -	$ 34,742	$ -	$ 34,742	$ 34,742	$ 38,216		
10997 - 1			$ 169	$ 72	$ 241						$ -	$ -	$ -	$ -	0.731381	$ 417	0.731381	$ -	$ 417	$ -	$ 417	$ 417	$ 459		
10997 - 2			$ 17,029	$ 7,298	$ 24,327				$ -		$ -	$ -	$ -	$ -	0.731381	$ 41,958	0.731381	$ -	$ 41,958	$ -	$ 41,958	$ 41,958	$ 46,154		
10998 - 1			$ 649	$ 278	$ 927						$ -	$ -	$ -	$ -	0.731381	$ 4,599	0.731381	$ -	$ 4,599	$ -	$ 4,599	$ 4,599	$ 5,059		
10998 - 2			$ 12,377	$ 5,304	$ 17,681				$ -		$ -	$ -	$ -	$ -	0.731381	$ 87,260	0.731381	$ -	$ 87,260	$ -	$ 87,260	$ 87,260	$ 95,986		
10999 - 2			$ 122	$ 52	$ 174				$ -		$ -	$ -	$ -	$ -	0.731381	$ 411	0.731381	$ -	$ 411	$ -	$ 411	$ 411	$ 452		
11000 - 2			$ 6,795	$ 2,913	$ 9,708				$ -		$ -	$ -	$ -	$ -	0.731381	$ 32,717	0.731381	$ -	$ 32,717	$ -	$ 32,717	$ 32,717	$ 35,989		
11001 - 1			$ 44	$ 44	$ 87						$ -	$ -	$ -	$ -	0.731381	$ 461	0.731381	$ -	$ 461	$ -	$ 461	$ 461	$ 507		
11002 - 2			$ 700	$ 700	$ 1,399				$ -		$ -	$ -	$ -	$ -	0.731381	$ 10,122	0.731381	$ -	$ 10,122	$ -	$ 10,122	$ 10,122	$ 11,135		
11003 - 2			$ 1,653	$ 708	$ 2,361				$ -		$ -	$ -	$ -	$ -	0.731381	$ 4,055	0.731381	$ -	$ 4,055	$ -	$ 4,055	$ 4,055	$ 4,460		
11004 - 1			$ 2,410	$ 1,033	$ 3,444						$ -	$ -	$ -	$ -	0.731381	$ 10,009	0.731381	$ -	$ 10,009	$ -	$ 10,009	$ 10,009	$ 11,010		
11004 - 2			$ 19,559	$ 8,384	$ 27,943				$ -		$ -	$ -	$ -	$ -	0.731381	$ 80,800	0.731381	$ -	$ 80,800	$ -	$ 80,800	$ 80,800	$ 88,880		
11005 - 1			$ 69	$ 30	$ 98						$ -	$ -	$ -	$ -	0.731381	$ 199	0.731381	$ -	$ 199	$ -	$ 199	$ 199	$ 219		
11005 - 2			$ 25,689	$ 11,011	$ 36,699				$ -		$ -	$ -	$ -	$ -	0.731381	$ 73,930	0.731381	$ -	$ 73,930	$ -	$ 73,930	$ 73,930	$ 81,323		
11006 - 2			$ 11,274	$ 4,832	$ 16,106				$ -		$ -	$ -	$ -	$ -	0.731381	$ 46,274	0.731381	$ -	$ 46,274	$ -	$ 46,274	$ 46,274	$ 50,902		
11007 - 2			$ 719	$ 308	$ 1,027				$ -		$ -	$ -	$ -	$ -	0.731381	$ 3,423	0.731381	$ -	$ 3,423	$ -	$ 3,423	$ 3,423	$ 3,765		
11008 - 2			$ 488	$ 488	$ 975				$ -		$ -	$ -	$ -	$ -	0.731381	$ 7,816	0.731381	$ -	$ 7,816	$ -	$ 7,816	$ 7,816	$ 8,597		
11010 - 2			$ 568	$ 243	$ 811				$ -		$ -	$ -	$ -	$ -	0.731381	$ 1,512	0.731381	$ -	$ 1,512	$ -	$ 1,512	$ 1,512	$ 1,664		
11125 - 1			$ 7,677	$ 3,291	$ 10,968						$ -	$ -	$ -	$ -	0.731381	$ 16,772	0.731381	$ -	$ 16,772	$ -	$ 16,772	$ 16,772	$ 18,449		
12053 - 1			$ 185,952	$ -	$ 185,952				$ -		$ -	$ -	$ -	$ -	0.731381	$ 671,142	0.731381	$ -	$ 671,142	$ -	$ 671,142	$ 671,142	$ 738,256		
10973 - 2			$ 1,349	$ -	$ 1,349				$ -		$ -	$ -	$ -	$ -	0.731381	$ 2,343	0.731381	$ -	$ 2,343	$ -	$ 2,343	$ 2,343	$ 2,578		
10975 - 1			$ 509	$ -	$ 509						$ -	$ -	$ -	$ -	0.731381	$ 59	0.731381	$ -	$ 59	$ -	$ 59	$ 59	$ 64		
10976 - 2			$ 1,908	$ -	$ 1,908				$ -		$ -	$ -	$ -	$ -	0.731381	$ 2,062	0.731381	$ -	$ 2,062	$ -	$ 2,062	$ 2,062	$ 2,269		
10977 - 1			$ 3,216	$ -	$ 3,216						$ -	$ -	$ -	$ -	0.731381	$ 11,888	0.731381	$ -	$ 11,888	$ -	$ 11,888	$ 11,888	$ 13,077		
10977 - 2			$ 24,830	$ -	$ 24,830				$ -		$ -	$ -	$ -	$ -	0.731381	$ 91,300	0.731381	$ -	$ 91,300	$ -	$ 91,300	$ 91,300	$ 100,430		
10978 - 1			$ 5,908	$ -	$ 5,908						$ -	$ -	$ -	$ -	0.731381	$ 2,311	0.731381	$ -	$ 2,311	$ -	$ 2,311	$ 2,311	$ 2,542		
10979 - 3			$ 123	$ -	$ 123				$ -		$ -	$ -	$ -	$ -	0.731381	$ 304	0.731381	$ -	$ 304	$ -	$ 304	$ 304	$ 335		
10980 - 1			$ 434	$ -	$ 434						$ -	$ -	$ -	$ -	0.731381	$ 1,700	0.731381	$ -	$ 1,700	$ -	$ 1,700	$ 1,700	$ 1,870		
10980 - 3			$ 5,395	$ -	$ 5,395				$ -		$ -	$ -	$ -	$ -	0.731381	$ 20,998	0.731381	$ -	$ 20,998	$ -	$ 20,998	$ 20,998	$ 23,098		
10981 - 3			$ 4,093	$ -	$ 4,093				$ -		$ -	$ -	$ -	$ -	0.731381	$ 14,337	0.731381	$ -	$ 14,337	$ -	$ 14,337	$ 14,337	$ 15,770		
10982 - 2			$ 1,505	$ -	$ 1,505				$ -		$ -	$ -	$ -	$ -	0.731381	$ 5,691	0.731381	$ -	$ 5,691	$ -	$ 5,691	$ 5,691	$ 6,260		
10984 - 1			$ 1,526	$ -	$ 1,526						$ -	$ -	$ -	$ -	0.731381	$ 965	0.731381	$ -	$ 965	$ -	$ 965	$ 965	$ 1,062		
10986 - 3			$ 496	$ -	$ 496				$ -		$ -	$ -	$ -	$ -	0.731381	$ 751	0.731381	$ -	$ 751	$ -	$ 751	$ 751	$ 826		
10987 - 1			$ 8,963	$ -	$ 8,963						$ -	$ -	$ -	$ -	0.731381	$ 7,391	0.731381	$ -	$ 7,391	$ -	$ 7,391	$ 7,391	$ 8,130		
10988 - 1			$ 62,928	$ -	$ 62,928						$ -	$ -	$ -	$ -	0.731381	$ 100,638	0.731381	$ -	$ 100,638	$ -	$ 100,638	$ 100,638	$ 110,702		
10989 - 2			$ 3,225	$ -	$ 3,225				$ -		$ -	$ -	$ -	$ -	0.731381	$ 19,012	0.731381	$ -	$ 19,012	$ -	$ 19,012	$ 19,012	$ 20,913		
10990 - 2			$ 1,239	$ -	$ 1,239				$ -		$ -	$ -	$ -	$ -	0.731381	$ 9,727	0.731381	$ -	$ 9,727	$ -	$ 9,727	$ 9,727	$ 10,700		
10991 - 2			$ 492	$ -	$ 492				$ -		$ -	$ -	$ -	$ -	0.731381	$ 3,241	0.731381	$ -	$ 3,241	$ -	$ 3,241	$ 3,241	$ 3,566		
11104 - 2			$ 10,046	$ -	$ 10,046				$ -		$ -	$ -	$ -	$ -	0.731381	$ 93,839	0.731381	$ -	$ 93,839	$ -	$ 93,839	$ 93,839	$ 103,223		
11011 - 1			$ 5,774	$ 5,366	$ 11,140						$ -	$ -	$ -	$ -	0.731381	$ 21,103	0.731381	$ -	$ 21,103	$ -	$ 21,103	$ 21,103	$ 23,214		
11012 - 1			$ 30,328	$ 12,999	$ 43,326						$ -	$ -	$ -	$ -	0.731381	$ 106,438	0.731381	$ -	$ 106,438	$ -	$ 106,438	$ 106,438	$ 117,082		
11013 - 1			$ 70,918	$ 30,396	$ 101,314						$ -	$ -	$ -	$ -	0.731381	$ 364,027	0.731381	$ -	$ 364,027	$ -	$ 364,027	$ 364,027	$ 400,429		
11014 - 1			$ 63,257	$ 34,093	$ 97,350						$ -	$ -	$ -	$ -	0.731381	$ 231,277	0.731381	$ -	$ 231,277	$ -	$ 231,277	$ 231,277	$ 254,405		
11015 - 1			$ 43,197	$ 18,513	$ 61,710						$ -	$ -	$ -	$ -	0.731381	$ 160,196	0.731381	$ -	$ 160,196	$ -	$ 160,196	$ 160,196	$ 176,215		
11016 - 1			$ 7,303	$ 3,532	$ 10,835						$ -	$ -	$ -	$ -	0.731381	$ 26,713	0.731381	$ -	$ 26,713	$ -	$ 26,713	$ 26,713	$ 29,384		
11017 - 2			$ 931	$ -	$ 931				$ -		$ -	$ -	$ -	$ -	0.222479	$ 670	0.222479	$ -	$ 670	$ -	$ 670	$ 670	$ 737		
11018 - 2			$ 801	$ -	$ 801				$ -		$ -	$ -	$ -	$ -	0.222479	$ 1,301	0.222479	$ -	$ 1,301	$ -	$ 1,301	$ 1,301	$ 1,431		
11020 - 1			$ 249	$ -	$ 249						$ -	$ -	$ -	$ -	0.222479	$ 116	0.222479	$ -	$ 116	$ -	$ 116	$ 116	$ 128		
11020 - 2			$ 1,082	$ -	$ 1,082				$ -		$ -	$ -	$ -	$ -	0.222479	$ 1,290	0.222479	$ -	$ 1,290	$ -	$ 1,290	$ 1,290	$ 1,419		
11021 - 2			$ 855	$ -	$ 855				$ -		$ -	$ -	$ -	$ -	0.222479	$ 773	0.222479	$ -	$ 773	$ -	$ 773	$ 773	$ 851		
11022 - 1			$ 305	$ -	$ 305						$ -	$ -	$ -	$ -	0.222479	$ 210	0.222479	$ -	$ 210	$ -	$ 210	$ 210	$ 232		
11022 - 2			$ 530	$ -	$ 530				$ -		$ -	$ -	$ -	$ -	0.222479	$ 938	0.222479	$ -	$ 938	$ -	$ 938	$ 938	$ 1,031		
11023 - 2			$ 4,003	$ -	$ 4,003				$ -		$ -	$ -	$ -	$ -	0.222479	$ 5,762	0.222479	$ -	$ 5,762	$ -	$ 5,762	$ 5,762	$ 6,338		
11024 - 2			$ 1,937	$ -	$ 1,937				$ -		$ -	$ -	$ -	$ -	0.222479	$ 2,549	0.222479	$ -	$ 2,549	$ -	$ 2,549	$ 2,549	$ 2,804		
11027 - 2			$ 1,668	$ -	$ 1,668				$ -		$ -	$ -	$ -	$ -	0.352384	$ 987	0.352384	$ -	$ 987	$ -	$ 987	$ 987	$ 1,085		
11028 - 1			$ 63	$ -	$ 63						$ -	$ -	$ -	$ -	0.352384	$ 59	0.352384	$ -	$ 59	$ -	$ 59	$ 59	$ 65		
11028 - 2			$ 104	$ -	$ 104				$ -		$ -	$ -	$ -	$ -	0.352384	$ 138	0.352384	$ -	$ 138	$ -	$ 138	$ 138	$ 152		
11030 - 1			$ 190	$ -	$ 190						$ -	$ -	$ -	$ -	0.352384	$ 130	0.352384	$ -	$ 130	$ -	$ 130	$ 130	$ 143		
11030 - 2			$ 1,549	$ -	$ 1,549				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,503	0.352384	$ -	$ 1,503	$ -	$ 1,503	$ 1,503	$ 1,653		
11031 - 2			$ 462	$ -	$ 462				$ -		$ -	$ -	$ -	$ -	0.352384	$ 339	0.352384	$ -	$ 339	$ -	$ 339	$ 339	$ 373		
11032 - 2			$ 268	$ -	$ 268				$ -		$ -	$ -	$ -	$ -	0.352384	$ 387	0.352384	$ -	$ 387	$ -	$ 387	$ 387	$ 426		
11033 - 3			$ 1,370	$ -	$ 1,370				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,621	0.352384	$ -	$ 1,621	$ -	$ 1,621	$ 1,621	$ 1,783		
11034 - 3			$ 298	$ -	$ 298				$ -		$ -	$ -	$ -	$ -	0.352384	$ 324	0.352384	$ -	$ 324	$ -	$ 324	$ 324	$ 357		
11036 - 2			$ 60	$ -	$ 60				$ -		$ -	$ -	$ -	$ -	0.352384	$ 47	0.352384	$ -	$ 47	$ -	$ 47	$ 47	$ 51		
11037 - 1			$ 2,968	$ 786	$ 3,754						$ -	$ -	$ -	$ -	0.731381	$ 6,108	0.731381	$ -	$ 6,108	$ -	$ 6,108	$ 6,108	$ 6,719		
11038 - 1			$ 23,412	$ 6,200	$ 29,612						$ -	$ -	$ -	$ -	0.731381	$ 67,818	0.731381	$ -	$ 67,818	$ -	$ 67,818	$ 67,818	$ 74,600		
11039 - 1			$ 22,423	$ 5,938	$ 28,361						$ -	$ -	$ -	$ -	0.731381	$ 64,555	0.731381	$ -	$ 64,555	$ -	$ 64,555	$ 64,555	$ 71,010		
11040 - 1			$ 48,144	$ 12,749	$ 60,892						$ -	$ -	$ -	$ -	0.731381	$ 178,966	0.731381	$ -	$ 178,966	$ -	$ 178,966	$ 178,966	$ 196,863		
11041 - 1			$ 97	$ -	$ 97						$ -	$ -	$ -	$ -	0.352384	$ 50	0.352384	$ -	$ 50	$ -	$ 50	$ 50	$ 55		
11041 - 2			$ 2,223	$ -	$ 2,223				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,938	0.352384	$ -	$ 1,938	$ -	$ 1,938	$ 1,938	$ 2,132		
11043 - 2			$ 76	$ -	$ 76				$ -		$ -	$ -	$ -	$ -	0.352384	$ 189	0.352384	$ -	$ 189	$ -	$ 189	$ 189	$ 208		
11044 - 2			$ 2,470	$ -	$ 2,470				$ -		$ -	$ -	$ -	$ -	0.352384	$ 3,527	0.352384	$ -	$ 3,527	$ -	$ 3,527	$ 3,527	$ 3,880		
11045 - 2			$ 2,090	$ -	$ 2,090				$ -		$ -	$ -	$ -	$ -	0.352384	$ 2,248	0.352384	$ -	$ 2,248	$ -	$ 2,248	$ 2,248	$ 2,473		
11046 - 2			$ 76	$ -	$ 76				$ -		$ -	$ -	$ -	$ -	0.352384	$ 159	0.352384	$ -	$ 159	$ -	$ 159	$ 159	$ 175		
11047 - 2			$ 2,622	$ -	$ 2,622				$ -		$ -	$ -	$ -	$ -	0.352384	$ 4,474	0.352384	$ -	$ 4,474	$ -	$ 4,474	$ 4,474	$ 4,921		
11048 - 1			$ 519	$ -	$ 519						$ -	$ -	$ -	$ -	0.352384	$ 474	0.352384	$ -	$ 474	$ -	$ 474	$ 474	$ 521		
11048 - 2			$ 5,244	$ -	$ 5,244				$ -		$ -	$ -	$ -	$ -	0.352384	$ 8,170	0.352384	$ -	$ 8,170	$ -	$ 8,170	$ 8,170	$ 8,987		
11050 - 2			$ 57	$ -	$ 57				$ -		$ -	$ -	$ -	$ -	0.352384	$ 64	0.352384	$ -	$ 64	$ -	$ 64	$ 64	$ 71		
11051 - 1			$ 1,515	$ -	$ 1,515						$ -	$ -	$ -	$ -	0.352384	$ 1,492	0.352384	$ -	$ 1,492	$ -	$ 1,492	$ 1,492	$ 1,642		
11051 - 2			$ 3,996	$ -	$ 3,996				$ -		$ -	$ -	$ -	$ -	0.352384	$ 5,621	0.352384	$ -	$ 5,621	$ -	$ 5,621	$ 5,621	$ 6,183		
11052 - 1			$ 39	$ -	$ 39						$ -	$ -	$ -	$ -	0.352384	$ 87	0.352384	$ -	$ 87	$ -	$ 87	$ 87	$ 95		
11052 - 2			$ 8,392	$ -	$ 8,392				$ -		$ -	$ -	$ -	$ -	0.352384	$ 26,396	0.352384	$ -	$ 26,396	$ -	$ 26,396	$ 26,396	$ 29,036		
11053 - 1			$ 79	$ -	$ 79						$ -	$ -	$ -	$ -	0.352384	$ 224	0.352384	$ -	$ 224	$ -	$ 224	$ 224	$ 247		
11053 - 2			$ 909	$ -	$ 909				$ -		$ -	$ -	$ -	$ -	0.352384	$ 3,698	0.352384	$ -	$ 3,698	$ -	$ 3,698	$ 3,698	$ 4,068		
11054 - 1			$ 590	$ -	$ 590						$ -	$ -	$ -	$ -	0.352384	$ 962	0.352384	$ -	$ 962	$ -	$ 962	$ 962	$ 1,058		
11054 - 3			$ 7,648	$ -	$ 7,648				$ -		$ -	$ -	$ -	$ -	0.352384	$ 17,797	0.352384	$ -	$ 17,797	$ -	$ 17,797	$ 17,797	$ 19,577		
11055 - 2			$ 40,885	$ -	$ 40,885				$ -		$ -	$ -	$ -	$ -	0.352384	$ 71,096	0.352384	$ -	$ 71,096	$ -	$ 71,096	$ 71,096	$ 78,205		
11056 - 1			$ 98	$ -	$ 98						$ -	$ -	$ -	$ -	0.352384	$ 236	0.352384	$ -	$ 236	$ -	$ 236	$ 236	$ 260		
11056 - 3			$ 1,681	$ -	$ 1,681				$ -		$ -	$ -	$ -	$ -	0.352384	$ 5,761	0.352384	$ -	$ 5,761	$ -	$ 5,761	$ 5,761	$ 6,337		
11057 - 3			$ 14,317	$ -	$ 14,317				$ -		$ -	$ -	$ -	$ -	0.352384	$ 39,908	0.352384	$ -	$ 39,908	$ -	$ 39,908	$ 39,908	$ 43,899		
11058 - 1			$ 79	$ -	$ 79						$ -	$ -	$ -	$ -	0.352384	$ 141	0.352384	$ -	$ 141	$ -	$ 141	$ 141	$ 155		
11058 - 3			$ 8,392	$ -	$ 8,392				$ -		$ -	$ -	$ -	$ -	0.352384	$ 21,460	0.352384	$ -	$ 21,460	$ -	$ 21,460	$ 21,460	$ 23,606		
11060 - 2			$ 138	$ -	$ 138				$ -		$ -	$ -	$ -	$ -	0.352384	$ 254	0.352384	$ -	$ 254	$ -	$ 254	$ 254	$ 279		
11061 - 1			$ 1,290	$ -	$ 1,290						$ -	$ -	$ -	$ -	0.352384	$ 851	0.352384	$ -	$ 851	$ -	$ 851	$ 851	$ 936		
11061 - 2			$ 5,471	$ -	$ 5,471				$ -		$ -	$ -	$ -	$ -	0.352384	$ 4,896	0.352384	$ -	$ 4,896	$ -	$ 4,896	$ 4,896	$ 5,386		
11062 - 2			$ 909	$ -	$ 909				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,814	0.352384	$ -	$ 1,814	$ -	$ 1,814	$ 1,814	$ 1,995		
11063 - 2			$ 193	$ -	$ 193				$ -		$ -	$ -	$ -	$ -	0.352384	$ 498	0.352384	$ -	$ 498	$ -	$ 498	$ 498	$ 548		
11064 - 1			$ 767	$ -	$ 767						$ -	$ -	$ -	$ -	0.352384	$ 838	0.352384	$ -	$ 838	$ -	$ 838	$ 838	$ 922		
11064 - 2			$ 4,079	$ -	$ 4,079				$ -		$ -	$ -	$ -	$ -	0.352384	$ 6,050	0.352384	$ -	$ 6,050	$ -	$ 6,050	$ 6,050	$ 6,655		
11065 - 2			$ 1,874	$ -	$ 1,874				$ -		$ -	$ -	$ -	$ -	0.352384	$ 2,061	0.352384	$ -	$ 2,061	$ -	$ 2,061	$ 2,061	$ 2,267		
11066 - 3			$ 427	$ -	$ 427				$ -		$ -	$ -	$ -	$ -	0.352384	$ 929	0.352384	$ -	$ 929	$ -	$ 929	$ 929	$ 1,021		
11067 - 3			$ 1,075	$ -	$ 1,075				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,924	0.352384	$ -	$ 1,924	$ -	$ 1,924	$ 1,924	$ 2,116		
11068 - 1			$ 168	$ -	$ 168						$ -	$ -	$ -	$ -	0.352384	$ 203	0.352384	$ -	$ 203	$ -	$ 203	$ 203	$ 223		
11068 - 3			$ 21,180	$ -	$ 21,180				$ -		$ -	$ -	$ -	$ -	0.352384	$ 34,663	0.352384	$ -	$ 34,663	$ -	$ 34,663	$ 34,663	$ 38,130		
11070 - 2			$ 220	$ -	$ 220				$ -		$ -	$ -	$ -	$ -	0.352384	$ 259	0.352384	$ -	$ 259	$ -	$ 259	$ 259	$ 285		
11071 - 1			$ 587	$ -	$ 587						$ -	$ -	$ -	$ -	0.352384	$ 372	0.352384	$ -	$ 372	$ -	$ 372	$ 372	$ 409		
11071 - 2			$ 1,887	$ -	$ 1,887				$ -		$ -	$ -	$ -	$ -	0.352384	$ 2,186	0.352384	$ -	$ 2,186	$ -	$ 2,186	$ 2,186	$ 2,405		
11072 - 2			$ 843	$ -	$ 843				$ -		$ -	$ -	$ -	$ -	0.352384	$ 2,176	0.352384	$ -	$ 2,176	$ -	$ 2,176	$ 2,176	$ 2,393		
11073 - 2			$ 221	$ -	$ 221				$ -		$ -	$ -	$ -	$ -	0.352384	$ 744	0.352384	$ -	$ 744	$ -	$ 744	$ 744	$ 819		
11074 - 1			$ 257	$ -	$ 257						$ -	$ -	$ -	$ -	0.352384	$ 271	0.352384	$ -	$ 271	$ -	$ 271	$ 271	$ 298		
11074 - 2			$ 4,757	$ -	$ 4,757				$ -		$ -	$ -	$ -	$ -	0.352384	$ 9,187	0.352384	$ -	$ 9,187	$ -	$ 9,187	$ 9,187	$ 10,105		
11075 - 2			$ 5,038	$ -	$ 5,038				$ -		$ -	$ -	$ -	$ -	0.352384	$ 7,253	0.352384	$ -	$ 7,253	$ -	$ 7,253	$ 7,253	$ 7,978		
11076 - 2			$ 20	$ -	$ 20				$ -		$ -	$ -	$ -	$ -	0.352384	$ 57	0.352384	$ -	$ 57	$ -	$ 57	$ 57	$ 62		
11077 - 2			$ 702	$ -	$ 702				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,616	0.352384	$ -	$ 1,616	$ -	$ 1,616	$ 1,616	$ 1,777		
11078 - 2			$ 7,285	$ -	$ 7,285				$ -		$ -	$ -	$ -	$ -	0.352384	$ 15,350	0.352384	$ -	$ 15,350	$ -	$ 15,350	$ 15,350	$ 16,885		
11080 - 2			$ 80	$ -	$ 80				$ -		$ -	$ -	$ -	$ -	0.352384	$ 123	0.352384	$ -	$ 123	$ -	$ 123	$ 123	$ 135		
11081 - 1			$ 2,836	$ -	$ 2,836						$ -	$ -	$ -	$ -	0.352384	$ 1,125	0.352384	$ -	$ 1,125	$ -	$ 1,125	$ 1,125	$ 1,237		
11081 - 2			$ 21,872	$ -	$ 21,872				$ -		$ -	$ -	$ -	$ -	0.352384	$ 19,604	0.352384	$ -	$ 19,604	$ -	$ 19,604	$ 19,604	$ 21,564		
11082 - 1			$ 152	$ -	$ 152						$ -	$ -	$ -	$ -	0.352384	$ 133	0.352384	$ -	$ 133	$ -	$ 133	$ 133	$ 147		

E262	Small Business Direct Install	11082 - 2	SBDI: Lamp - LED - Par 30 - Exterior	5		5	0.03	Comm Lighting	485	126		$22.41	$22.41	$ -	61,110			$ 10,869	$ -	$ 10,869				$ -		$ -	$ -	$ -	$ -	0.352384	$ 21,534	0.352384	$ -	$ 21,534	$ -	$ 21,534	$ 21,534	$ 23,688		
E262	Small Business Direct Install	11083 - 2	SBDI: Lamp - LED - Par 30 - Grocery	5		5	0.00	Comm Lighting	5	163		$22.41	$22.41	$ -	815			$ 112	$ -	$ 112				$ -		$ -	$ -	$ -	$ -	0.352384	$ 287	0.352384	$ -	$ 287	$ -	$ 287	$ 287	$ 316		
E262	Small Business Direct Install	11084 - 1	SBDI: Lamp - LED - Par 30 - Office	5		5	0.00	Comm Lighting	85	93		$50.64	$50.64	$ -	7,905			$ 4,304	$ -	$ 4,304						$ -	$ -	$ -	$ -	0.352384	$ 2,786	0.352384	$ -	$ 2,786	$ -	$ 2,786	$ 2,786	$ 3,064		
E262	Small Business Direct Install	11084 - 2	SBDI: Lamp - LED - Par 30 - Office	5		5	0.02	Comm Lighting	459	93		$22.41	$22.41	$ -	42,687			$ 10,286	$ -	$ 10,286				$ -		$ -	$ -	$ -	$ -	0.352384	$ 15,042	0.352384	$ -	$ 15,042	$ -	$ 15,042	$ 15,042	$ 16,546		
E262	Small Business Direct Install	11085 - 1	SBDI: Lamp - LED - Par 30 - Other	5		5	0.00	Comm Lighting	10	70		$50.64	$50.64	$ -	700			$ 506	$ -	$ 506						$ -	$ -	$ -	$ -	0.352384	$ 247	0.352384	$ -	$ 247	$ -	$ 247	$ 247	$ 271		
E262	Small Business Direct Install	11085 - 2	SBDI: Lamp - LED - Par 30 - Other	5		5	0.03	Comm Lighting	985	70		$22.41	$22.41	$ -	68,950			$ 22,074	$ -	$ 22,074				$ -		$ -	$ -	$ -	$ -	0.352384	$ 24,297	0.352384	$ -	$ 24,297	$ -	$ 24,297	$ 24,297	$ 26,727		
E262	Small Business Direct Install	11086 - 1	SBDI: Lamp - LED - Par 30 - Other Health	5		5	0.00	Comm Lighting	46	137		$50.64	$50.64	$ -	6,302			$ 2,329	$ -	$ 2,329						$ -	$ -	$ -	$ -	0.352384	$ 2,221	0.352384	$ -	$ 2,221	$ -	$ 2,221	$ 2,221	$ 2,443		
E262	Small Business Direct Install	11086 - 2	SBDI: Lamp - LED - Par 30 - Other Health	5		5	0.02	Comm Lighting	279	137		$22.41	$22.41	$ -	38,223			$ 6,252	$ -	$ 6,252				$ -		$ -	$ -	$ -	$ -	0.352384	$ 13,469	0.352384	$ -	$ 13,469	$ -	$ 13,469	$ 13,469	$ 14,816		
E262	Small Business Direct Install	11087 - 2	SBDI: Lamp - LED - Par 30 - Restaurant	5		5	0.04	Comm Lighting	726	112		$22.41	$22.41	$ -	81,312			$ 16,270	$ -	$ 16,270				$ -		$ -	$ -	$ -	$ -	0.352384	$ 28,653	0.352384	$ -	$ 28,653	$ -	$ 28,653	$ 28,653	$ 31,518		
E262	Small Business Direct Install	11088 - 1	SBDI: Lamp - LED - Par 30 - Retail	5		5	0.00	Comm Lighting	9	103		$50.64	$50.64	$ -	927			$ 456	$ -	$ 456						$ -	$ -	$ -	$ -	0.352384	$ 327	0.352384	$ -	$ 327	$ -	$ 327	$ 327	$ 359		
E262	Small Business Direct Install	11088 - 2	SBDI: Lamp - LED - Par 30 - Retail	5		5	0.05	Comm Lighting	904	103		$22.41	$22.41	$ -	93,112			$ 20,259	$ -	$ 20,259				$ -		$ -	$ -	$ -	$ -	0.352384	$ 32,811	0.352384	$ -	$ 32,811	$ -	$ 32,811	$ 32,811	$ 36,092		
E262	Small Business Direct Install	11090 - 2	SBDI: Lamp - LED - Par 30 - Warehouse	5		5	0.00	Comm Lighting	22	74		$22.41	$22.41	$ -	1,628			$ 493	$ -	$ 493				$ -		$ -	$ -	$ -	$ -	0.352384	$ 574	0.352384	$ -	$ 574	$ -	$ 574	$ 574	$ 631		
E262	Small Business Direct Install	11091 - 1	SBDI: Lamp - LED - Par 38 or 40 - Assembly Church	5		5	0.00	Comm Lighting	71	76		$52.35	$52.35	$ -	5,396			$ 3,717	$ -	$ 3,717						$ -	$ -	$ -	$ -	0.352384	$ 1,901	0.352384	$ -	$ 1,901	$ -	$ 1,901	$ 1,901	$ 2,092		
E262	Small Business Direct Install	11091 - 2	SBDI: Lamp - LED - Par 38 or 40 - Assembly Church	5		5	0.01	Comm Lighting	208	76		$30.78	$30.78	$ -	15,808			$ 6,402	$ -	$ 6,402				$ -		$ -	$ -	$ -	$ -	0.352384	$ 5,570	0.352384	$ -	$ 5,570	$ -	$ 5,570	$ 5,570	$ 6,128		
E262	Small Business Direct Install	11092 - 2	SBDI: Lamp - LED - Par 38 or 40 - Exterior	5		5	0.02	Comm Lighting	177	170		$30.78	$30.78	$ -	30,090			$ 5,448	$ -	$ 5,448				$ -		$ -	$ -	$ -	$ -	0.352384	$ 10,603	0.352384	$ -	$ 10,603	$ -	$ 10,603	$ 10,603	$ 11,664		
E262	Small Business Direct Install	11094 - 1	SBDI: Lamp - LED - Par 38 or 40 - Office	5		5	0.00	Comm Lighting	22	126		$52.35	$52.35	$ -	2,772			$ 1,152	$ -	$ 1,152						$ -	$ -	$ -	$ -	0.352384	$ 977	0.352384	$ -	$ 977	$ -	$ 977	$ 977	$ 1,074		
E262	Small Business Direct Install	11094 - 2	SBDI: Lamp - LED - Par 38 or 40 - Office	5		5	0.00	Comm Lighting	14	126		$30.78	$30.78	$ -	1,764			$ 431	$ -	$ 431				$ -		$ -	$ -	$ -	$ -	0.352384	$ 622	0.352384	$ -	$ 622	$ -	$ 622	$ 622	$ 684		
E262	Small Business Direct Install	11095 - 2	SBDI: Lamp - LED - Par 38 or 40 - Other	5		5	0.00	Comm Lighting	80	95		$30.78	$30.78	$ -	7,600			$ 2,462	$ -	$ 2,462				$ -		$ -	$ -	$ -	$ -	0.352384	$ 2,678	0.352384	$ -	$ 2,678	$ -	$ 2,678	$ 2,678	$ 2,946		
E262	Small Business Direct Install	11096 - 2	SBDI: Lamp - LED - Par 38 or 40 - Other Health	5		5	0.01	Comm Lighting	72	185		$30.78	$30.78	$ -	13,320			$ 2,216	$ -	$ 2,216				$ -		$ -	$ -	$ -	$ -	0.352384	$ 4,694	0.352384	$ -	$ 4,694	$ -	$ 4,694	$ 4,694	$ 5,163		
E262	Small Business Direct Install	11097 - 2	SBDI: Lamp - LED - Par 38 or 40 - Restaurant	5		5	0.00	Comm Lighting	15	151		$30.78	$30.78	$ -	2,265			$ 462	$ -	$ 462				$ -		$ -	$ -	$ -	$ -	0.352384	$ 798	0.352384	$ -	$ 798	$ -	$ 798	$ 798	$ 878		
E262	Small Business Direct Install	11098 - 1	SBDI: Lamp - LED - Par 38 or 40 - Retail	5		5	0.00	Comm Lighting	2	139		$52.35	$52.35	$ -	278			$ 105	$ -	$ 105						$ -	$ -	$ -	$ -	0.352384	$ 98	0.352384	$ -	$ 98	$ -	$ 98	$ 98	$ 108		
E262	Small Business Direct Install	11098 - 2	SBDI: Lamp - LED - Par 38 or 40 - Retail	5		5	0.04	Comm Lighting	532	139		$30.78	$30.78	$ -	73,948			$ 16,375	$ -	$ 16,375				$ -		$ -	$ -	$ -	$ -	0.352384	$ 26,058	0.352384	$ -	$ 26,058	$ -	$ 26,058	$ 26,058	$ 28,664		
E262	Small Business Direct Install	11101 - 1	SBDI: Lamp - T8 - 4 ft - 3x - from 4 ft T12 3x	12		12	0.08	Comm Lighting	483	129		$44.25	$44.25	$ -	62,307			$ 21,373	$ -	$ 21,373						$ -	$ -	$ -	$ -	0.731381	$ 45,570	0.731381	$ -	$ 45,570	$ -	$ 45,570	$ 45,570	$ 50,127		
E262	Small Business Direct Install	11102 - 1	SBDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 4x	12		12	0.15	Comm Lighting	732	172		$52.82	$52.82	$ -	125,904			$ 38,664	$ -	$ 38,664						$ -	$ -	$ -	$ -	0.731381	$ 92,084	0.731381	$ -	$ 92,084	$ -	$ 92,084	$ 92,084	$ 101,292		
E262	Small Business Direct Install	11103 - 1	SBDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 HO 4x	12		12	0.00	Comm Lighting	6	637		$52.82	$52.82	$ -	3,822			$ 317	$ -	$ 317						$ -	$ -	$ -	$ -	0.731381	$ 2,795	0.731381	$ -	$ 2,795	$ -	$ 2,795	$ 2,795	$ 3,075		
E262	Small Business Direct Install	11103 - 3	SBDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 HO 4x	12		12	0.11	Comm Lighting	141	634		$52.82	$52.82	$ -	89,394			$ 7,448	$ -	$ 7,448				$ -		$ -	$ -	$ -	$ -	0.731381	$ 65,381	0.731381	$ -	$ 65,381	$ -	$ 65,381	$ 65,381	$ 71,919		
E262	Small Business Direct Install	11105 - 1	SBDI: Lamp - T8 - HBF - 4 ft - 6x- from 400w HID	12		12	0.00	Comm Lighting	2	889		$239.32	$239.32	$ -	1,778			$ 479	$ -	$ 479						$ -	$ -	$ -	$ -	0.731381	$ 1,300	0.731381	$ -	$ 1,300	$ -	$ 1,300	$ 1,300	$ 1,430		
E262	Small Business Direct Install	11105 - 2	SBDI: Lamp - T8 - HBF - 4 ft - 6x- from 400w HID	12		12	0.40	Comm Lighting	373	884		$239.32	$239.32	$ -	329,732			$ 89,266	$ -	$ 89,266				$ -		$ -	$ -	$ -	$ -	0.731381	$ 241,160	0.731381	$ -	$ 241,160	$ -	$ 241,160	$ 241,160	$ 265,276		
E262	Small Business Direct Install	10994 - 1	SBDI: Lamp - TLED - 4 ft - 3x - from 4 ft T8 32w HLO	12		12	0.02	Comm Lighting	78	229		$51.60	$73.72	$ 22	17,862			$ 4,025	$ 1,725	$ 5,750						$ -	$ -	$ -	$ -	0.731381	$ 13,064	0.731381	$ -	$ 13,064	$ -	$ 13,064	$ 13,064	$ 14,370		
E262	Small Business Direct Install	10994 - 2	SBDI: Lamp - TLED - 4 ft - 3x - from 4 ft T8 32w HLO	12		12	0.30	Comm Lighting	1,093	228		$51.60	$73.72	$ 22	249,204			$ 56,399	$ 24,177	$ 80,576				$ -		$ -	$ -	$ -	$ -	0.731381	$ 182,263	0.731381	$ -	$ 182,263	$ -	$ 182,263	$ 182,263	$ 200,489		
E262	Small Business Direct Install	11106 - 1	SBDI: Lamp - TLED - 3 ft - 1x - from 3 ft 1x T8 25w	12		12	0.00	Comm Lighting	32	43		$19.07	$43.85	$ 25	1,376			$ 610	$ 793	$ 1,403						$ -	$ -	$ -	$ -	0.731381	$ 1,006	0.731381	$ -	$ 1,006	$ -	$ 1,006	$ 1,006	$ 1,107		
E262	Small Business Direct Install	11107 - 2	SBDI: Lamp - TLED - 3 ft - 1x - from 3 ft T12 1x	12		12	0.01	Comm Lighting	81	92		$19.07	$43.85	$ 25	7,452			$ 1,545	$ 2,007	$ 3,552				$ -		$ -	$ -	$ -	$ -	0.731381	$ 5,450	0.731381	$ -	$ 5,450	$ -	$ 5,450	$ 5,450	$ 5,995		
E262	Small Business Direct Install	11108 - 1	SBDI: Lamp - TLED - 4 ft - 1x - from 4 ft T12 1x	12		12	0.00	Comm Lighting	6	80		$29.30	$58.59	$ 29	480			$ 176	$ 176	$ 352						$ -	$ -	$ -	$ -	0.731381	$ 351	0.731381	$ -	$ 351	$ -	$ 351	$ 351	$ 386		
E262	Small Business Direct Install	11108 - 2	SBDI: Lamp - TLED - 4 ft - 1x - from 4 ft T12 1x	12		12	0.02	Comm Lighting	217	79		$29.30	$58.59	$ 29	17,143			$ 6,358	$ 6,356	$ 12,714				$ -		$ -	$ -	$ -	$ -	0.731381	$ 12,538	0.731381	$ -	$ 12,538	$ -	$ 12,538	$ 12,538	$ 13,792		
E262	Small Business Direct Install	11111 - 1	SBDI: Lamp - TLED - 4 ft - 1x - from 4ft T8 32w HLO	12		12	0.01	Comm Lighting	107	76		$29.30	$58.59	$ 29	8,132			$ 3,135	$ 3,134	$ 6,269						$ -	$ -	$ -	$ -	0.731381	$ 5,948	0.731381	$ -	$ 5,948	$ -	$ 5,948	$ 5,948	$ 6,542		
E262	Small Business Direct Install	11113 - 1	SBDI: Lamp - TLED - 4 ft - 1x - from 4ft T8 32w NLO	12		12	0.01	Comm Lighting	177	46		$29.30	$58.59	$ 29	8,142			$ 5,186	$ 5,184	$ 10,370						$ -	$ -	$ -	$ -	0.731381	$ 5,955	0.731381	$ -	$ 5,955	$ -	$ 5,955	$ 5,955	$ 6,550		
E262	Small Business Direct Install	11114 - 1	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 2x	12		12	0.03	Comm Lighting	155	159		$41.30	$59.01	$ 18	24,645			$ 6,402	$ 2,745	$ 9,147						$ -	$ -	$ -	$ -	0.731381	$ 18,025	0.731381	$ -	$ 18,025	$ -	$ 18,025	$ 18,025	$ 19,827		
E262	Small Business Direct Install	11114 - 2	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 2x	12		12	0.28	Comm Lighting	1,481	158		$41.30	$59.01	$ 18	233,998			$ 61,165	$ 26,229	$ 87,394				$ -		$ -	$ -	$ -	$ -	0.731381	$ 171,142	0.731381	$ -	$ 171,142	$ -	$ 171,142	$ 171,142	$ 188,256		
E262	Small Business Direct Install	11115 - 2	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 HO 2x	12		12	0.32	Comm Lighting	692	389		$33.17	$66.35	$ 33	269,188			$ 22,954	$ 22,961	$ 45,914				$ -		$ -	$ -	$ -	$ -	0.731381	$ 196,879	0.731381	$ -	$ 196,879	$ -	$ 196,879	$ 196,879	$ 216,567		
E262	Small Business Direct Install	11118 - 1	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w HLO	12		12	0.03	Comm Lighting	140	153		$42.83	$61.19	$ 18	21,420			$ 5,996	$ 2,570	$ 8,567						$ -	$ -	$ -	$ -	0.731381	$ 15,666	0.731381	$ -	$ 15,666	$ -	$ 15,666	$ 15,666	$ 17,233		
E262	Small Business Direct Install	11118 - 2	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w HLO	12		12	0.51	Comm Lighting	2,786	152		$42.83	$61.19	$ 18	423,472			$ 119,324	$ 51,151	$ 170,475				$ -		$ -	$ -	$ -	$ -	0.731381	$ 309,719	0.731381	$ -	$ 309,719	$ -	$ 309,719	$ 309,719	$ 340,691		
E262	Small Business Direct Install	11120 - 1	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w NLO	12		12	0.00	Comm Lighting	15	93		$42.83	$61.19	$ 18	1,395			$ 642	$ 275	$ 918						$ -	$ -	$ -	$ -	0.731381	$ 1,020	0.731381	$ -	$ 1,020	$ -	$ 1,020	$ 1,020	$ 1,122		
E262	Small Business Direct Install	11120 - 2	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w NLO	12		12	0.37	Comm Lighting	3,329	92		$42.83	$61.19	$ 18	306,268			$ 142,581	$ 61,120	$ 203,702				$ -		$ -	$ -	$ -	$ -	0.731381	$ 223,999	0.731381	$ -	$ 223,999	$ -	$ 223,999	$ 223,999	$ 246,398		
E262	Small Business Direct Install	11121 - 2	SBDI: Lamp - TLED - 4 ft - 3x - from 4 ft T12 HO 3x	12		12	0.03	Comm Lighting	36	584		$40.55	$81.11	$ 41	21,024			$ 1,460	$ 1,460	$ 2,920				$ -		$ -	$ -	$ -	$ -	0.731381	$ 15,377	0.731381	$ -	$ 15,377	$ -	$ 15,377	$ 15,377	$ 16,914		
E262	Small Business Direct Install	11123 - 1	SBDI: Lamp - TLED - 4 ft - 3x - from 4 ft T8 28w NLO	12		12	0.02	Comm Lighting	166	109		$37.51	$75.02	$ 38	18,094			$ 6,227	$ 6,227	$ 12,453						$ -	$ -	$ -	$ -	0.731381	$ 13,234	0.731381	$ -	$ 13,234	$ -	$ 13,234	$ 13,234	$ 14,557		
E262	Small Business Direct Install	11126 - 1	SBDI: Lamp - TLED - 4 ft - 3x - from 4 ft T8 32w NLO	12		12	0.35	Comm Lighting	2,071	139		$51.60	$73.72	$ 22	287,869			$ 106,864	$ 45,811	$ 152,674						$ -	$ -	$ -	$ -	0.731381	$ 210,542	0.731381	$ -	$ 210,542	$ -	$ 210,542	$ 210,542	$ 231,596		
E262	Small Business Direct Install	11127 - 1	SBDI: Lamp - TLED - 4 ft - 3x from 4 ft T12 3x	12		12	0.01	Comm Lighting	29	239		$56.56	$80.79	$ 24	6,931			$ 1,640	$ 703	$ 2,343						$ -	$ -	$ -	$ -	0.731381	$ 5,069	0.731381	$ -	$ 5,069	$ -	$ 5,069	$ 5,069	$ 5,576		
E262	Small Business Direct Install	11127 - 2	SBDI: Lamp - TLED - 4 ft - 3x from 4 ft T12 3x	12		12	0.05	Comm Lighting	165	238		$56.56	$80.79	$ 24	39,270			$ 9,332	$ 3,998	$ 13,330				$ -		$ -	$ -	$ -	$ -	0.731381	$ 28,721	0.731381	$ -	$ 28,721	$ -	$ 28,721	$ 28,721	$ 31,593		
E262	Small Business Direct Install	11128 - 1	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T12 4x	12		12	0.05	Comm Lighting	120	318		$65.32	$93.31	$ 28	38,160			$ 7,838	$ 3,359	$ 11,197						$ -	$ -	$ -	$ -	0.731381	$ 27,909	0.731381	$ -	$ 27,909	$ -	$ 27,909	$ 27,909	$ 30,700		
E262	Small Business Direct Install	11128 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T12 4x	12		12	0.29	Comm Lighting	760	317		$65.32	$93.31	$ 28	240,920			$ 49,643	$ 21,272	$ 70,916				$ -		$ -	$ -	$ -	$ -	0.731381	$ 176,204	0.731381	$ -	$ 176,204	$ -	$ 176,204	$ 176,204	$ 193,825		
E262	Small Business Direct Install	11129 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T12 HO 4x	12		12	0.12	Comm Lighting	128	779		$44.66	$89.32	$ 45	99,712			$ 5,716	$ 5,716	$ 11,433				$ -		$ -	$ -	$ -	$ -	0.731381	$ 72,927	0.731381	$ -	$ 72,927	$ -	$ 72,927	$ 72,927	$ 80,220		
E262	Small Business Direct Install	11132 - 1	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w HLO	12		12	0.04	Comm Lighting	117	305		$60.93	$89.32	$ 28	35,685			$ 7,129	$ 3,322	$ 10,450						$ -	$ -	$ -	$ -	0.731381	$ 26,099	0.731381	$ -	$ 26,099	$ -	$ 26,099	$ 26,099	$ 28,709		
E262	Small Business Direct Install	11132 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w HLO	12		12	0.40	Comm Lighting	1,084	304		$60.93	$89.32	$ 28	329,536			$ 66,048	$ 30,775	$ 96,823				$ -		$ -	$ -	$ -	$ -	0.731381	$ 241,016	0.731381	$ -	$ 241,016	$ -	$ 241,016	$ 241,016	$ 265,118		
E262	Small Business Direct Install	11133 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w LLO	12		12	0.00	Comm Lighting	14	145		$60.93	$89.32	$ 28	2,030			$ 853	$ 397	$ 1,250				$ -		$ -	$ -	$ -	$ -	0.731381	$ 1,485	0.731381	$ -	$ 1,485	$ -	$ 1,485	$ 1,485	$ 1,633		
E262	Small Business Direct Install	11134 - 1	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w NLO	12		12	0.00	Comm Lighting	8	186		$60.93	$89.32	$ 28	1,488			$ 487	$ 227	$ 715						$ -	$ -	$ -	$ -	0.731381	$ 1,088	0.731381	$ -	$ 1,088	$ -	$ 1,088	$ 1,088	$ 1,197		
E262	Small Business Direct Install	11134 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w NLO	12		12	0.23	Comm Lighting	1,021	185		$60.93	$89.32	$ 28	188,885			$ 62,210	$ 28,986	$ 91,196				$ -		$ -	$ -	$ -	$ -	0.731381	$ 138,147	0.731381	$ -	$ 138,147	$ -	$ 138,147	$ 138,147	$ 151,962		
E262	Small Business Direct Install	11135 - 1	SBDI: LED Exit Sign	9		9	0.02	Comm Flat	163	153		$60.00	$60.00	$ -	24,988			$ 9,780	$ -	$ 9,780						$ -	$ -	$ -	$ -	0.541528	$ 13,532	0.541528	$ -	$ 13,532	$ -	$ 13,532	$ 13,532	$ 14,885		
E262	Small Business Direct Install	11136 - 1	SBDI: LED Open Sign	16		16	0.00	Comm Lighting	2	398		$130.65	$130.65	$ -	796			$ 261	$ -	$ 261						$ -	$ -	$ -	$ -	0.902300	$ 718	0.902300	$ -	$ 718	$ -	$ 718	$ 718	$ 790		
E262	Small Business Direct Install	11136 - 4	SBDI: LED Open Sign	16		16	0.01	Comm Lighting	10	396		$130.65	$130.65	$ -	3,960			$ 1,307	$ -	$ 1,307				$ -		$ -	$ -	$ -	$ -	0.902300	$ 3,573	0.902300	$ -	$ 3,573	$ -	$ 3,573	$ 3,573	$ 3,930		
E262	Small Business Direct Install	10954 - 1	SBDI: ECM - Display Case	15		15	0.01	Comm Refrigeration	11	685		$133.28	$190.40	$ 57	7,535			$ 1,466	$ 628	$ 2,094						$ -	$ -	$ -	$ -	0.796197	$ 5,999	0.796197	$ -	$ 5,999	$ -	$ 5,999	$ 5,999	$ 6,599		
E262	Small Business Direct Install	10955 - 1	SBDI: ECM - Walk In - 23w	15		15	0.08	Comm Refrigeration	38	1,458		$225.40	$259.60	$ 34	55,404			$ 8,565	$ 1,300	$ 9,865						$ -	$ -	$ -	$ -	0.796197	$ 44,112	0.796197	$ -	$ 44,112	$ -	$ 44,112	$ 44,112	$ 48,524		
E262	Small Business Direct Install	10956 - 1	SBDI: ECM - Walk In - More than 23w	15		15	0.03	Comm Refrigeration	33	592		$225.40	$259.60	$ 34	19,536			$ 7,438	$ 1,129	$ 8,567						$ -	$ -	$ -	$ -	0.796197	$ 15,555	0.796197	$ -	$ 15,555	$ -	$ 15,555	$ 15,555	$ 17,110		
E262	Small Business Direct Install	11180 - 1	Sealing - Auto Closer - Walk In Doors - Low Temp - N	8		8	0.01	Comm Refrigeration	3	2,809		$133.28	$190.40	$ 57	8,427			$ 400	$ 171	$ 571						$ -	$ -	$ -	$ -	0.484267	$ 4,081	0.484267	$ -	$ 4,081	$ -	$ 4,081	$ 4,081	$ 4,489		
E262	Small Business Direct Install	11181 - 1	DI: Sealing - Auto Closer - Walk In Doors - Med Temp	8		8	0.00	Comm Refrigeration	7	223		$133.28	$190.40	$ 57	1,561			$ 933	$ 400	$ 1,333						$ -	$ -	$ -	$ -	0.484267	$ 756	0.484267	$ -	$ 756	$ -	$ 756	$ 756	$ 832		
E262	Small Business Direct Install	11183 - 1	Sealing - Auto Closer - Walk In Doors - Med Temp - N	8		8	0.00	Comm Refrigeration	2	221		$133.28	$190.40	$ 57	442			$ 267	$ 114	$ 381						$ -	$ -	$ -	$ -	0.484267	$ 214	0.484267	$ -	$ 214	$ -	$ 214	$ 214	$ 235		
E262	Small Business Direct Install	11188 - 1	SBDI: Sealing - Gasket - Walk In Cooler Door- Main -	4		4	0.00	Comm Refrigeration	3	204		$61.20	$76.00	$ 15	612			$ 184	$ 44	$ 228						$ -	$ -	$ -	$ -	0.264173	$ 162	0.264173	$ -	$ 162	$ -	$ 162	$ 162	$ 178		
E262	Small Business Direct Install	11207 - 1	SBDI: Sealing - Strip Curtain - Cooler - Grocery	2		2	0.00	Comm Refrigeration	20	123		$16.10	$16.10	$ -	2,460			$ 322	$ -	$ 322						$ -	$ -	$ -	$ -	0.139133	$ 342	0.139133	$ -	$ 342	$ -	$ 342	$ 342	$ 376		
E262	Small Business Direct Install	11209 - 1	SBDI: Sealing - Strip Curtain - Freezer - Grocery	2		2	0.01	Comm Refrigeration	137	535		$16.10	$16.10	$ -	73,295			$ 2,206	$ -	$ 2,206						$ -	$ -	$ -	$ -	0.139133	$ 10,198	0.139133	$ -	$ 10,198	$ -	$ 10,198	$ 10,198	$ 11,217		
E262	Small Business Direct Install	11210 - 1	SBDI: Sealing - Strip Curtain - Freezer - Restaurant	2		2	0.01	Comm Refrigeration	536	129		$16.10	$16.10	$ -	69,144			$ 8,630	$ -	$ 8,630						$ -	$ -	$ -	$ -	0.139133	$ 9,620	0.139133	$ -	$ 9,620	$ -	$ 9,620	$ 9,620	$ 10,582		
E262	Small Business Direct Install	11315 - 1	SBDI: Aerator - EWH - All Others	10		10	-0.02	Comm Water Heat	(127)	153		$13.09	$13.09	$ -	-19,380			$ 13	$ (1,676)	$ (1,662)				$ 132.69		$ -	$ -	$ (114,258)	$ -	0.590961	$ (11,453)	0.590961	$ -	$ (11,453)	$ -	$ (11,453)	$ (11,453)	$ (126,857)		
E262	Small Business Direct Install	11315 - 3	SBDI: Aerator - EWH - All Others	10		10	0.03	Comm Water Heat	217	152		$13.09	$13.09	$ -	32,897			$ 1,165	$ 1,676	$ 2,841				$ 132.69		$ -	$ -	$ 195,229	$ -	0.590961	$ 19,441	0.590961	$ -	$ 19,441	$ -	$ 19,441	$ 19,441	$ 216,614		
E262	Small Business Direct Install	11317 - 1	SBDI: Aerator - EWH - Small Office	10		10	0.00	Comm Water Heat	21	47		$13.09	$13.09	$ -	979			$ 275	$ -	$ 275				$ 40.80		$ -	$ -	$ 5,809	$ -	0.590961	$ 578	0.590961	$ -	$ 578	$ -	$ 578	$ 578	$ 6,445		
E262	Small Business Direct Install	11319 - 3	SBDI: Aerator - EWH - Restaurant	10		10	0.00	Comm Water Heat	15	215		$13.09	$13.09	$ -	3,227			$ 196	$ -	$ 196				$ 188.30		$ -	$ -	$ 19,151	$ -	0.590961	$ 1,907	0.590961	$ -	$ 1,907	$ -	$ 1,907	$ 1,907	$ 21,248		
E262	Small Business Direct Install	11321 - 1	SBDI: Aerator - EWH - Retail	10		10	-0.01	Comm Water Heat	(46)	151		$13.09	$13.09	$ -	-6,946			$ 26	$ (628)	$ (602)				$ 132.69		$ -	$ -	$ (41,385)	$ -	0.590961	$ (4,105)	0.590961	$ -	$ (4,105)	$ -	$ (4,105)	$ (4,105)	$ (45,900)		
E262	Small Business Direct Install	11321 - 3	SBDI: Aerator - EWH - Retail	10		10	0.01	Comm Water Heat	51	152		$13.09	$13.09	$ -	7,732			$ 39	$ 628	$ 668				$ 132.69		$ -	$ -	$ 45,883	$ -	0.590961	$ 4,569	0.590961	$ -	$ 4,569	$ -	$ 4,569	$ 4,569	$ 50,909		
E262	Small Business Direct Install	11212 - 1	SBDI: Showerhead - Any Comm - GWH - 1.5 gpm - EI	10		10	0.00	Comm Water Heat	3	10		$0.00	$0.00	$ -	30			$ -	$ -	$ -						$ -	$ -	$ -	$ -	0.590961	$ 18	0.590961	$ -	$ 18	$ -	$ 18	$ 18	$ 20		
E262	Small Business Direct Install	11213 - 1	SBDI: Showerhead - DI - Any Comm - EWH - 1.5 gpm	10		10	0.00	Comm Water Heat	1	228		$23.80	$23.80	$ -	228			$ 24	$ -	$ 24						$ -	$ -	$ -	$ -	0.590961	$ 135	0.590961	$ -	$ 135	$ -	$ 135	$ 135	$ 148		
E262	Small Business Direct Install	11219 - 1	SBDI: Sprayhead - EWH - 0.65 gpm - from 1.6	4		4	0.00	Comm Water Heat	5	890		$76.30	$76.30	$ -	4,450			$ 382	$ -	$ 382						$ -	$ -	$ -	$ -	0.269301	$ 1,198	0.269301	$ -	$ 1,198	$ -	$ 1,198	$ 1,198	$ 1,318		
E262	Small Business Direct Install	11221 - 1	SBDI: Sprayhead - EWH - 0.65 gpm - from 2.6	4		4	0.00	Comm Water Heat	1	2,295		$76.30	$76.30	$ -	2,295			$ 76	$ -	$ 76						$ -	$ -	$ -	$ -	0.269301	$ 618	0.269301	$ -	$ 618	$ -	$ 618	$ 618	$ 680		
E262	Small Business Direct Install	11222 - 1	SBDI: Sprayhead - EWH - 0.65 gpm - not PI	4		4	0.00	Comm Water Heat	2	1,267		$76.30	$76.30	$ -	2,534			$ 153	$ -	$ 153						$ -	$ -	$ -	$ -	0.269301	$ 682	0.269301	$ -	$ 682	$ -	$ 682	$ 682	$ 751		
E262	Small Business Direct Install	11224 - 1	SBDI: Sprayhead - GWH - 0.65 gpm - from 1.6 - EIE	4		4	0.00	Comm Water Heat	4	49		$0.00	$0.00	$ -	196			$ -	$ -	$ -						$ -	$ -	$ -	$ -	0.269301	$ 53	0.269301	$ -	$ 53	$ -	$ 53	$ 53	$ 58		
E262	Small Business Direct Install	11228 - 1	SBDI: Sprayhead - GWH - 0.65 gpm - from 2.6 - EIE	4		4	0.00	Comm Water Heat	1	127		$0.00	$0.00	$ -	127			$ -	$ -	$ -						$ -	$ -	$ -	$ -	0.269301	$ 34	0.269301	$ -	$ 34	$ -	$ 34	$ 34	$ 38		
E262	Small Business Direct Install	11230 - 1	SBDI: Sprayhead - GWH - 0.65 gpm - not PI - EIE	4		4	0.00	Comm Water Heat	5	70		$0.00	$0.00	$ -	350			$ -	$ -	$ -						$ -	$ -	$ -	$ -	0.269301	$ 94	0.269301	$ -	$ 94	$ -	$ 94	$ 94	$ 104		
			Program Total				**10.72**								**9,941,519**	**0%**	**$ 495,138**	**$ 2,443,831**	**$ 639,173**	**$ 2,900,177**	**$ -**	**$ 2,938,969**	**$ 3,395,315**			**$ 2,727,076**	**$ 3,150,519**	**$ 110,429**									**$ 6,563,027**	**$ 7,329,759**	**2.41**	**2.33**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E262	Agriculture Direct Install	10959 - 2	SBDI: Fixture - LED - Recessed Can - Exterior	12		12	0.03	Comm Lighting	10	138		$70.00	$106.68	$ 37	1,380			$ 700	$ 367	$ 1,067				$ -		$ -	$ -	$ -	$ -	0.731381	$ 1,009.31	0.731381	$ -	$ 1,009	$ -	$ 1,009	$ 1,009	$ 1,110		
E262	Agriculture Direct Install	10962 - 2	SBDI: Fixture - LED - Recessed Can - Other	12		12	0.06	Comm Lighting	39	77		$70.00	$106.68	$ 37	3,003			$ 2,730	$ 1,431	$ 4,161				$ -		$ -	$ -	$ -	$ -	0.731381	$ 2,196	0.731381	$ -	$ 2,196	$ -	$ 2,196	$ 2,196	$ 2,416		
E262	Agriculture Direct Install	10997 - 2	SBDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 F96 2x	12		12	0.42	Comm Lighting	72	284		$84.30	$120.43	$ 36	20,448			$ 6,070	$ 2,601	$ 8,671				$ -		$ -	$ -	$ -	$ -	0.731381	$ 14,955	0.731381	$ -	$ 14,955	$ -	$ 14,955	$ 14,955	$ 16,451		
E262	Agriculture Direct Install	10998 - 2	BDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 HO F96	12		12	0.35	Comm Lighting	32	521		$54.05	$77.21	$ 23	16,672			$ 1,730	$ 741	$ 2,471				$ -		$ -	$ -	$ -	$ -	0.731381	$ 12,194	0.731381	$ -	$ 12,194	$ -	$ 12,194	$ 12,194	$ 13,413		
E262	Agriculture Direct Install	11005 - 2	: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w N	12		12	0.04	Comm Lighting	7	271		$68.87	$98.39	$ 30	1,897			$ 482	$ 207	$ 689				$ -		$ -	$ -	$ -	$ -	0.731381	$ 1,387	0.731381	$ -	$ 1,387	$ -	$ 1,387	$ 1,387	$ 1,526		
E262	Agriculture Direct Install	11006 - 2	DI: Fixture - TLED - DLR - 4 ft - 2x - from 8 ft T12 F9	12		12	0.12	Comm Lighting	16	370		$65.93	$94.19	$ 28	5,920			$ 1,055	$ 452	$ 1,507				$ -		$ -	$ -	$ -	$ -	0.731381	$ 4,330	0.731381	$ -	$ 4,330	$ -	$ 4,330	$ 4,330	$ 4,763		
E262	Agriculture Direct Install	11008 - 2	DI: Fixture - TLED - DLR - 4 ft - 3x - from 4 ft T12 HC	12		12	0.27	Comm Lighting	16	822		$37.51	$75.02	$ 38	13,152			$ 600	$ 600	$ 1,200				$ -		$ -	$ -	$ -	$ -	0.731381	$ 9,619	0.731381	$ -	$ 9,619	$ -	$ 9,619	$ 9,619	$ 10,581		
E262	Agriculture Direct Install	11010 - 2	I: Fixture - TLED - DLR - 4 ft - 3x - from 4 ft T8 32w L	12		12	0.01	Comm Lighting	2	188		$51.61	$73.72	$ 22	376			$ 103	$ 44	$ 147				$ -		$ -	$ -	$ -	$ -	0.731381	$ 275	0.731381	$ -	$ 275	$ -	$ 275	$ 275	$ 302		
E262	Agriculture Direct Install	10977 - 2	SBDI: Fixture - T8 - 4 ft - 4x - from 8 ft T12 HO F96 2	12		12	0.83	Comm Lighting	106	376		$74.79	$74.79	$ -	39,856			$ 7,928	$ -	$ 7,928				$ -		$ -	$ -	$ -	$ -	0.731381	$ 29,150	0.731381	$ -	$ 29,150	$ -	$ 29,150	$ 29,150	$ 32,065		
E262	Agriculture Direct Install	10981 - 3	DI: Fixture - T8 - DLR - 4 ft - 2x - from 8 ft T12 delam	12		12	0.01	Comm Lighting	1	297		$62.01	$62.01	$ -	297			$ 62	$ -	$ 62				$ -		$ -	$ -	$ -	$ -	0.731381	$ 217	0.731381	$ -	$ 217	$ -	$ 217	$ 217	$ 239		
E262	Agriculture Direct Install	10988 - 1	SBDI: Fixture - T8 Retro Kit - 4 ft - 2x - from 4 ft T12 2	12		12	0.26	Comm Lighting	144	86		$39.33	$39.33	$ -	12,384			$ 5,664	$ -	$ 5,664						$ -	$ -	$ -	$ -	0.731381	$ 9,057	0.731381	$ -	$ 9,057	$ -	$ 9,057	$ 9,057	$ 9,963		
E262	Agriculture Direct Install	11012 - 1	SBDI: Lamp - LED - 35w - from 175w HID	12		12	1.66	Comm Lighting	109	735		$153.17	$218.82	$ 66	80,115			$ 16,696	$ 7,156	$ 23,851						$ -	$ -	$ -	$ -	0.731381	$ 58,595	0.731381	$ -	$ 58,595	$ -	$ 58,595	$ 58,595	$ 64,454		
E262	Agriculture Direct Install	11013 - 1	SBDI: Lamp - LED - 35w - from 250w HID	12		12	0.56	Comm Lighting	25	1,075		$153.17	$218.82	$ 66	26,875			$ 3,829	$ 1,641	$ 5,471						$ -	$ -	$ -	$ -	0.731381	$ 19,656	0.731381	$ -	$ 19,656	$ -	$ 19,656	$ 19,656	$ 21,621		
E262	Agriculture Direct Install	11014 - 1	SBDI: Lamp - LED - 60w - from 250w HID	12		12	0.28	Comm Lighting	14	970		$194.04	$298.62	$ 105	13,580			$ 2,717	$ 1,464	$ 4,181						$ -	$ -	$ -	$ -	0.731381	$ 9,932	0.731381	$ -	$ 9,932	$ -	$ 9,932	$ 9,932	$ 10,925		
E262	Agriculture Direct Install	11021 - 2	SBDI: Lamp - LED - Decorative - Other	3		3	0.00	Comm Lighting	3	44		$10.82	$10.82	$ -	132			$ 32	$ -	$ 32				$ -		$ -	$ -	$ -	$ -	0.222479	$ 29	0.222479	$ -	$ 29	$ -	$ 29	$ 29	$ 32		
E262	Agriculture Direct Install	11026 - 2	SBDI: Lamp - LED - Decorative - Warehouse	3		3	0.01	Comm Lighting	24	46		$10.82	$10.82	$ -	1,104			$ 260	$ -	$ 260				$ -		$ -	$ -	$ -	$ -	0.222479	$ 246	0.222479	$ -	$ 246	$ -	$ 246	$ 246	$ 270		
E262	Agriculture Direct Install	11029 - 2	SBDI: Lamp - LED - Globe - 5w - Grocery	5		5	0.01	Comm Lighting	9	73		$14.89	$14.89	$ -	657			$ 134	$ -	$ 134				$ -		$ -	$ -	$ -	$ -	0.352384	$ 232	0.352384	$ -	$ 232	$ -	$ 232	$ 232	$ 255		
E262	Agriculture Direct Install	11031 - 2	SBDI: Lamp - LED - Globe - 5w - Other	5		5	0.00	Comm Lighting	4	31		$14.89	$14.89	$ -	124			$ 60	$ -	$ 60				$ -		$ -	$ -	$ -	$ -	0.352384	$ 44	0.352384	$ -	$ 44	$ -	$ 44	$ 44	$ 48		
E262	Agriculture Direct Install	11034 - 3	SBDI: Lamp - LED - Globe - 5w - Retail	5		5	0.00	Comm Lighting	10	46		$14.89	$14.89	$ -	460			$ 149	$ -	$ 149				$ -		$ -	$ -	$ -	$ -	0.352384	$ 162	0.352384	$ -	$ 162	$ -	$ 162	$ 162	$ 178		
E262	Agriculture Direct Install	11036 - 2	SBDI: Lamp - LED - Globe - 5w - Warehouse	5		5	0.00	Comm Lighting	11	33		$14.89	$14.89	$ -	363			$ 164	$ -	$ 164				$ -		$ -	$ -	$ -	$ -	0.352384	$ 128	0.352384	$ -	$ 128	$ -	$ 128	$ 128	$ 141		
E262	Agriculture Direct Install	11037 - 1	SBDI: Lamp - LED - High Output - from 320w HID	12		12	0.06	Comm Lighting	3	928		$329.75	$417.07	$ 87	2,784			$ 989	$ 262	$ 1,251						$ -	$ -	$ -	$ -	0.731381	$ 2,036	0.731381	$ -	$ 2,036	$ -	$ 2,036	$ 2,036	$ 2,240		
E262	Agriculture Direct Install	11038 - 1	SBDI: Lamp - LED - High Output - from 400w HID	12		12	3.91	Comm Lighting	144	1,306		$329.75	$417.07	$ 87	188,064			$ 47,484	$ 12,574	$ 60,058						$ -	$ -	$ -	$ -	0.731381	$ 137,546	0.731381	$ -	$ 137,546	$ -	$ 137,546	$ 137,546	$ 151,301		
E262	Agriculture Direct Install	11039 - 1	BDI: Lamp - LED - Low to Med Output - from 320w H	12		12	0.05	Comm Lighting	2	1,298		$329.75	$417.07	$ 87	2,596			$ 660	$ 175	$ 834						$ -	$ -	$ -	$ -	0.731381	$ 1,899	0.731381	$ -	$ 1,899	$ -	$ 1,899	$ 1,899	$ 2,089		
E262	Agriculture Direct Install	11040 - 1	BDI: Lamp - LED - Low to Med Output - from 400w H	12		12	0.10	Comm Lighting	3	1,676		$329.75	$417.07	$ 87	5,028			$ 989	$ 262	$ 1,251						$ -	$ -	$ -	$ -	0.731381	$ 3,677	0.731381	$ -	$ 3,677	$ -	$ 3,677	$ 3,677	$ 4,045		
E262	Agriculture Direct Install	11045 - 2	SBDI: Lamp - LED - MR 16 - Other	5		5	0.00	Comm Lighting	9	58		$19.00	$19.00	$ -	522			$ 171	$ -	$ 171				$ -		$ -	$ -	$ -	$ -	0.352384	$ 184	0.352384	$ -	$ 184	$ -	$ 184	$ 184	$ 202		
E262	Agriculture Direct Install	11050 - 2	SBDI: Lamp - LED - MR 16 - Warehouse	5		5	0.01	Comm Lighting	18	61		$19.00	$19.00	$ -	1,098			$ 342	$ -	$ 342				$ -		$ -	$ -	$ -	$ -	0.352384	$ 387	0.352384	$ -	$ 387	$ -	$ 387	$ 387	$ 426		
E262	Agriculture Direct Install	11052 - 2	SBDI: Lamp - LED - Omni - 11w - Exterior	5		5	0.11	Comm Lighting	104	123		$13.78	$13.78	$ -	12,792			$ 1,433	$ -	$ 1,433				$ -		$ -	$ -	$ -	$ -	0.352384	$ 4,508	0.352384	$ -	$ 4,508	$ -	$ 4,508	$ 4,508	$ 4,958		
E262	Agriculture Direct Install	11054 - 3	SBDI: Lamp - LED - Omni - 11w - Office	5		5	0.02	Comm Lighting	28	91		$13.78	$13.78	$ -	2,548			$ 386	$ -	$ 386				$ -		$ -	$ -	$ -	$ -	0.352384	$ 898	0.352384	$ -	$ 898	$ -	$ 898	$ 898	$ 988		
E262	Agriculture Direct Install	11055 - 2	SBDI: Lamp - LED - Omni - 11w - Other	5		5	0.03	Comm Lighting	53	68		$13.78	$13.78	$ -	3,604			$ 730	$ -	$ 730				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,270	0.352384	$ -	$ 1,270	$ -	$ 1,270	$ 1,270	$ 1,397		
E262	Agriculture Direct Install	11058 - 3	SBDI: Lamp - LED - Omni - 11w - Retail	5		5	0.04	Comm Lighting	47	100		$13.78	$13.78	$ -	4,700			$ 648	$ -	$ 648				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,656	0.352384	$ -	$ 1,656	$ -	$ 1,656	$ 1,656	$ 1,822		
E262	Agriculture Direct Install	11060 - 2	SBDI: Lamp - LED - Omni - 11w - Warehouse	5		5	0.05	Comm Lighting	78	72		$13.78	$13.78	$ -	5,616			$ 1,075	$ -	$ 1,075				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,979	0.352384	$ -	$ 1,979	$ -	$ 1,979	$ 1,979	$ 2,177		
E262	Agriculture Direct Install	11062 - 2	SBDI: Lamp - LED - Omni - 7w - Exterior	5		5	0.02	Comm Lighting	33	78		$13.78	$13.78	$ -	2,574			$ 455	$ -	$ 455				$ -		$ -	$ -	$ -	$ -	0.352384	$ 907	0.352384	$ -	$ 907	$ -	$ 907	$ 907	$ 998		
E262	Agriculture Direct Install	11063 - 2	SBDI: Lamp - LED - Omni - 7w - Grocery	5		5	0.01	Comm Lighting	8	101		$13.78	$13.78	$ -	808			$ 110	$ -	$ 110				$ -		$ -	$ -	$ -	$ -	0.352384	$ 285	0.352384	$ -	$ 285	$ -	$ 285	$ 285	$ 313		
E262	Agriculture Direct Install	11065 - 2	SBDI: Lamp - LED - Omni - 7w - Other	5		5	0.01	Comm Lighting	23	43		$13.78	$13.78	$ -	989			$ 317	$ -	$ 317				$ -		$ -	$ -	$ -	$ -	0.352384	$ 349	0.352384	$ -	$ 349	$ -	$ 349	$ 349	$ 383		
E262	Agriculture Direct Install	11073 - 2	SBDI: Lamp - LED - Par 20 - Grocery	5		5	0.01	Comm Lighting	4	192		$20.07	$20.07	$ -	768			$ 80	$ -	$ 80				$ -		$ -	$ -	$ -	$ -	0.352384	$ 271	0.352384	$ -	$ 271	$ -	$ 271	$ 271	$ 298		
E262	Agriculture Direct Install	11075 - 2	SBDI: Lamp - LED - Par 20 - Other	5		5	0.00	Comm Lighting	4	82		$20.07	$20.07	$ -	328			$ 80	$ -	$ 80				$ -		$ -	$ -	$ -	$ -	0.352384	$ 116	0.352384	$ -	$ 116	$ -	$ 116	$ 116	$ 127		
E262	Agriculture Direct Install	11082 - 2	SBDI: Lamp - LED - Par 30 - Exterior	5		5	0.07	Comm Lighting	63	126		$22.41	$22.41	$ -	7,938			$ 1,412	$ -	$ 1,412				$ -		$ -	$ -	$ -	$ -	0.352384	$ 2,797	0.352384	$ -	$ 2,797	$ -	$ 2,797	$ 2,797	$ 3,077		
E262	Agriculture Direct Install	11084 - 2	SBDI: Lamp - LED - Par 30 - Office	5		5	0.00	Comm Lighting	6	93		$22.41	$22.41	$ -	558			$ 134	$ -	$ 134				$ -		$ -	$ -	$ -	$ -	0.352384	$ 197	0.352384	$ -	$ 197	$ -	$ 197	$ 197	$ 216		
E262	Agriculture Direct Install	11085 - 2	SBDI: Lamp - LED - Par 30 - Other	5		5	0.01	Comm Lighting	9	70		$22.41	$22.41	$ -	630			$ 202	$ -	$ 202				$ -		$ -	$ -	$ -	$ -	0.352384	$ 222	0.352384	$ -	$ 222	$ -	$ 222	$ 222	$ 244		
E262	Agriculture Direct Install	11088 - 2	SBDI: Lamp - LED - Par 30 - Retail	5		5	0.00	Comm Lighting	4	103		$22.41	$22.41	$ -	412			$ 90	$ -	$ 90				$ -		$ -	$ -	$ -	$ -	0.352384	$ 145	0.352384	$ -	$ 145	$ -	$ 145	$ 145	$ 160		
E262	Agriculture Direct Install	11090 - 2	SBDI: Lamp - LED - Par 30 - Warehouse	5		5	0.00	Comm Lighting	4	74		$22.41	$22.41	$ -	296			$ 90	$ -	$ 90				$ -		$ -	$ -	$ -	$ -	0.352384	$ 104	0.352384	$ -	$ 104	$ -	$ 104	$ 104	$ 115		
E262	Agriculture Direct Install	11092 - 2	SBDI: Lamp - LED - Par 38 or 40 - Exterior	5		5	0.04	Comm Lighting	27	170		$30.78	$30.78	$ -	4,590			$ 831	$ -	$ 831				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,617	0.352384	$ -	$ 1,617	$ -	$ 1,617	$ 1,617	$ 1,779		
E262	Agriculture Direct Install	11093 - 2	SBDI: Lamp - LED - Par 38 or 40 - Grocery	5		5	0.00	Comm Lighting	2	221		$30.78	$30.78	$ -	442			$ 62	$ -	$ 62				$ -		$ -	$ -	$ -	$ -	0.352384	$ 156	0.352384	$ -	$ 156	$ -	$ 156	$ 156	$ 171		
E262	Agriculture Direct Install	11095 - 2	SBDI: Lamp - LED - Par 38 or 40 - Other	5		5	0.00	Comm Lighting	2	95		$30.78	$30.78	$ -	190			$ 62	$ -	$ 62				$ -		$ -	$ -	$ -	$ -	0.352384	$ 67	0.352384	$ -	$ 67	$ -	$ 67	$ 67	$ 74		
E262	Agriculture Direct Install	11098 - 2	SBDI: Lamp - LED - Par 38 or 40 - Retail	5		5	0.04	Comm Lighting	33	139		$30.78	$30.78	$ -	4,587			$ 1,016	$ -	$ 1,016				$ -		$ -	$ -	$ -	$ -	0.352384	$ 1,616	0.352384	$ -	$ 1,616	$ -	$ 1,616	$ 1,616	$ 1,778		
E262	Agriculture Direct Install	11101 - 1	SBDI: Lamp - T8 - 4 ft - 3x - from 4 ft T12 3x	12		12	0.01	Comm Lighting	2	129		$44.25	$44.25	$ -	258			$ 89	$ -	$ 89						$ -	$ -	$ -	$ -	0.731381	$ 189	0.731381	$ -	$ 189	$ -	$ 189	$ 189	$ 208		
E262	Agriculture Direct Install	11102 - 1	SBDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 4x	12		12	0.02	Comm Lighting	5	172		$52.82	$52.82	$ -	860			$ 264	$ -	$ 264						$ -	$ -	$ -	$ -	0.731381	$ 629	0.731381	$ -	$ 629	$ -	$ 629	$ 629	$ 692		
E262	Agriculture Direct Install	11105 - 2	SBDI: Lamp - T8 - HBF - 4 ft - 6x- from 400w HID	12		12	0.64	Comm Lighting	35	884		$239.32	$239.32	$ -	30,940			$ 8,376	$ -	$ 8,376				$ -		$ -	$ -	$ -	$ -	0.731381	$ 22,629	0.731381	$ -	$ 22,629	$ -	$ 22,629	$ 22,629	$ 24,892		
E262	Agriculture Direct Install	11114 - 2	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 2x	12		12	0.03	Comm Lighting	8	158		$41.30	$59.01	$ 18	1,264			$ 330	$ 142	$ 472				$ -		$ -	$ -	$ -	$ -	0.731381	$ 924	0.731381	$ -	$ 924	$ -	$ 924	$ 924	$ 1,017		
E262	Agriculture Direct Install	11115 - 2	SBDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 HO 2x	12		12	0.27	Comm Lighting	34	389		$33.17	$66.35	$ 33	13,226			$ 1,128	$ 1,128	$ 2,256				$ -		$ -	$ -	$ -	$ -	0.731381	$ 9,673	0.731381	$ -	$ 9,673	$ -	$ 9,673	$ 9,673	$ 10,641		
E262	Agriculture Direct Install	11118 - 2	BDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w HLO	12		12	0.41	Comm Lighting	130	152		$42.83	$61.19	$ 18	19,760			$ 5,568	$ 2,387	$ 7,955				$ -		$ -	$ -	$ -	$ -	0.731381	$ 14,452	0.731381	$ -	$ 14,452	$ -	$ 14,452	$ 14,452	$ 15,897		
E262	Agriculture Direct Install	11120 - 2	BDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w NLO	12		12	0.02	Comm Lighting	10	92		$42.83	$61.19	$ 18	920			$ 428	$ 184	$ 612				$ -		$ -	$ -	$ -	$ -	0.731381	$ 673	0.731381	$ -	$ 673	$ -	$ 673	$ 673	$ 740		
E262	Agriculture Direct Install	11128 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T12 4x	12		12	0.01	Comm Lighting	1	317		$65.32	$93.31	$ 28	317			$ 65	$ 28	$ 93				$ -		$ -	$ -	$ -	$ -	0.731381	$ 232	0.731381	$ -	$ 232	$ -	$ 232	$ 232	$ 255		
E262	Agriculture Direct Install	11129 - 2	SBDI: Lamp - TLED - 4 ft - 4x - from 4 ft T12 HO 4x	12		12	0.02	Comm Lighting	1	779		$44.66	$89.32	$ 45	779			$ 45	$ 45	$ 89				$ -		$ -	$ -	$ -	$ -	0.731381	$ 570	0.731381	$ -	$ 570	$ -	$ 570	$ 570	$ 627		
E262	Agriculture Direct Install	11132 - 2	BDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w HLO	12		12	0.06	Comm Lighting	10	304		$60.93	$89.32	$ 28	3,040			$ 609	$ 284	$ 893				$ -		$ -	$ -	$ -	$ -	0.731381	$ 2,223	0.731381	$ -	$ 2,223	$ -	$ 2,223	$ 2,223	$ 2,446		
E262	Agriculture Direct Install	11134 - 2	BDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w NLO	12		12	0.24	Comm Lighting	62	185		$60.93	$89.32	$ 28	11,470			$ 3,778	$ 1,760	$ 5,538				$ -		$ -	$ -	$ -	$ -	0.731381	$ 8,389	0.731381	$ -	$ 8,389	$ -	$ 8,389	$ 8,389	$ 9,228		
E262	Agriculture Direct Install	11135 - 1	SBDI: LED Exit Sign	9		9	0.01	Comm Flat	6	153		$60.00	$60.00	$ -	920			$ 360	$ -	$ 360						$ -	$ -	$ -	$ -	0.541528	$ 498	0.541528	$ -	$ 498	$ -	$ 498	$ 498	$ 548		
E262	Agriculture Direct Install	11315 - 3	SBDI: Aerator - EWH - All Others	10		10	0.01	Comm Water Heat	2	152		$13.09	$13.09	$ -	303			$ 26	$ -	$ 26				$ 132.69		$ -	$ -	$ 1,799	$ -	0.590961	$ 179	0.590961	$ -	$ 179	$ -	$ 179	$ 179	$ 1,996		
E262	Agriculture Direct Install	11212 - 1	BDI: Showerhead - Any Comm - GWH - 1.5 gpm - El	10		10	0.00	Comm Water Heat	6	10		$0.00	$0.00	$ -	60			$ -	$ -	$ -						$ -	$ -	$ -	$ -	0.590961	$ 35	0.590961	$ -	$ 35	$ -	$ 35	$ 35	$ 39		
E262	Agriculture Direct Install	11226 - 1	SBDI: Sprayhead - GWH - 0.65 gpm - from 2.2 - EIE	4		4	0.00	Comm Water Heat	6	77		$0.00	$0.00	$ -	462			$ -	$ -	$ -						$ -	$ -	$ -	$ -	0.269301	$ 124	0.269301	$ -	$ 124	$ -	$ 124	$ 124	$ 137		
			Program Total				**11.27**								**577,836**	**0%**	**$ 23,498**	**$ 139,490**	**$ 35,934**	**$ 168,009**	**$ -**	**$ 162,988**	**$ 191,507**			**$ 151,237**	**$ 177,700**	**$ 1,799**									**$ 399,722**	**$ 441,494**	**2.64**	**2.48**

Summary

Discount Rate: 7.80%

Overhead Budget:

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
	Fuel Conversion Appliances	10738 - 1	FCAPP: Clothes Dryer - NG	30		30	6.11	Res Plug Load	579	725		$500.00	$500.00	$ -
	Fuel Conversion Appliances	10739 - 1	FCAPP: Range - NG	30		30	1.44	Res Plug Load	314	314		$200.00	$450.00	$ 250
	Natural Gas Fuel Conversion	10710 - 1	SFFC: E2G Fuel Conversion - Space and WH - BB	30		30	0.52	SF Space Heat	3	12,000		$3,550.00	$10,800.00	$ 7,250
	Natural Gas Fuel Conversion	10710 - 2	SFFC: E2G Fuel Conversion - Space and WH - BB	30		30	0.95	SF Space Heat	6	10,865		$3,550.00	$10,258.00	$ 6,708
	Natural Gas Fuel Conversion	10711 - 1	SFFC: E2G Fuel Conversion - Space and WH - FA	30		30	1.05	SF Space Heat	6	12,000		$2,950.00	$8,300.00	$ 5,350
	Natural Gas Fuel Conversion	10711 - 2	SFFC: E2G Fuel Conversion - Space and WH - FA	30		30	4.59	SF Space Heat	29	10,865		$2,950.00	$7,532.00	$ 4,582
	Natural Gas Fuel Conversion	10712 - 1	SFFC: E2G Fuel Conversion - Space Heat Only - BB	30		30	0.12	SF Space Heat	1	8,500		$2,600.00	$8,700.00	$ 6,100
	Natural Gas Fuel Conversion	10712 - 2	SFFC: E2G Fuel Conversion - Space Heat Only - BB	30		30	2.41	SF Space Heat	17	9,720		$2,600.00	$7,760.00	$ 5,160
	Natural Gas Fuel Conversion	10713 - 1	SFFC: E2G Fuel Conversion - Space Heat Only - FA	30		30	1.11	SF Space Heat	9	8,500		$2,000.00	$6,700.00	$ 4,700
	Natural Gas Fuel Conversion	10713 - 2	SFFC: E2G Fuel Conversion - Space Heat Only - FA	30		30	4.39	SF Space Heat	31	9,720		$2,000.00	$7,114.00	$ 5,114
	Natural Gas Fuel Conversion	10714 - 1	SFFC: E2G Fuel Conversion - WH Only - Storage	30		30	0.20	Res Water Heat	4	3,500		$950.00	$2,600.00	$ 1,650
	Natural Gas Fuel Conversion	10714 - 2	SFFC: E2G Fuel Conversion - WH Only - Storage	30		30	1.38	Res Water Heat	31	3,054		$950.00	$2,497.00	$ 1,547
	Natural Gas Fuel Conversion	10715 - 1	SFFC: E2G Fuel Conversion - WH Only - Tankless	30		30	0.61	Res Water Heat	12	3,500		$950.00	$3,500.00	$ 2,550
	Natural Gas Fuel Conversion	10715 - 2	SFFC: E2G Fuel Conversion - WH Only - Tankless	30		30	5.11	Res Water Heat	115	3,054		$950.00	$4,024.00	$ 3,074
			Program Total				**30.00**							

but use DBtC for (above Total Incentive) — Not Used - total only (above Total Utility Program Costs) — Not used - total only (above Total Resource Cost) — Total PV Costs UCT — Total PV Costs TRC

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountRa
10738 - 1	419,775			$ 289.370	$ 130	$ 289.500				$ -		$ -	$ -	$ -	$ -
10739 - 1	98.596			$ 63.400	$ 77.900	$ 141.300				$ -		$ -	$ -	$ -	$ -
10710 - 1	36.000			$ 10.650	$ 21.750	$ 32.400				$ -		$ -	$ -	$ -	$ -
10710 - 2	65.190			$ 21.300	$ 40.248	$ 61.548				$ -		$ -	$ -	$ -	$ -
10711 - 1	72.000			$ 17.700	$ 32.100	$ 49.800				$ -		$ -	$ -	$ -	$ -
10711 - 2	315.085			$ 85.550	$ 132.878	$ 218.428				$ -		$ -	$ -	$ -	$ -
10712 - 1	8.500			$ 2.600	$ 6.100	$ 8.700				$ -		$ -	$ -	$ -	$ -
10712 - 2	165.240			$ 44.200	$ 87.720	$ 131.920				$ -		$ -	$ -	$ -	$ -
10713 - 1	76.500			$ 18.000	$ 42.300	$ 60.300				$ -		$ -	$ -	$ -	$ -
10713 - 2	301.320			$ 61.931	$ 158.604	$ 220.534				$ -		$ -	$ -	$ -	$ -
10714 - 1	14.000			$ 3.800	$ 6.600	$ 10.400				$ -		$ -	$ -	$ -	$ -
10714 - 2	94.674			$ 28.010	$ 53.853	$ 81.863				$ -		$ -	$ -	$ -	$ -
10715 - 1	42.000			$ 11.030	$ 370	$ 11.400				$ -		$ -	$ -	$ -	$ -
10715 - 2	351.210			$ 107.659	$ 290.547	$ 398.206				$ -		$ -	$ -	$ -	$ -
Program Total	**2,060,090**	**0%**	**$ 141,930**	**$ 774,291**	**$ 951,100**	**$ 1,716,299**	**$ -**	**$ 916,221**	**$ 1,858,229**			**$ 850,163**	**$ 1,724,255**	**$ -**	

Total Benefits UCT — Total Benefits TRC — formula: (AB*1

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	Additional Cost of Gas at Time Zero	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	paste from chart below	formula: AM/AB	formula: AN/(AC+AO)
10738 - 1	1.297943	$ 544.843.97	1.297943	$ -	$ 544.844	$ -	$ 544.844	$ 544.844	$ 599.328	$ -		
10739 - 1	1.297943	$ 127.971.98	1.297943	$ -	$ 127.972	$ -	$ 127.972	$ 127.972	$ 140.769	$ -		
10710 - 1	2.206752	$ 79.443.09	2.206752	$ -	$ 79.443	$ -	$ 79.443	$ 79.443	$ 87.387	$ 9.239		
10710 - 2	2.206752	$ 143.858.19	2.206752	$ -	$ 143.858	$ -	$ 143.858	$ 143.858	$ 158.244	$ 9.239		
10711 - 1	2.206752	$ 158.886.17	2.206752	$ -	$ 158.886	$ -	$ 158.886	$ 158.886	$ 174.775	$ 9.239		
10711 - 2	2.206752	$ 695.314.58	2.206752	$ -	$ 695.315	$ -	$ 695.315	$ 695.315	$ 764.846	$ 9.239		
10712 - 1	2.206752	$ 18.757.40	2.206752	$ -	$ 18.757	$ -	$ 18.757	$ 18.757	$ 20.633	$ 7.531		
10712 - 2	2.206752	$ 364.643.76	2.206752	$ -	$ 364.644	$ -	$ 364.644	$ 364.644	$ 401.108	$ 7.531		
10713 - 1	2.206752	$ 168.816.56	2.206752	$ -	$ 168.817	$ -	$ 168.817	$ 168.817	$ 185.698	$ 7.531		
10713 - 2	2.206752	$ 664.938.63	2.206752	$ -	$ 664.939	$ -	$ 664.939	$ 664.939	$ 731.432	$ 7.531		
10714 - 1	1.263858	$ 17.694.01	1.263858	$ -	$ 17.694	$ -	$ 17.694	$ 17.694	$ 19.463	$ 1.708		
10714 - 2	1.263858	$ 119.654.48	1.263858	$ -	$ 119.654	$ -	$ 119.654	$ 119.654	$ 131.620	$ 1.708		
10715 - 1	1.263858	$ 53.082.03	1.263858	$ -	$ 53.082	$ -	$ 53.082	$ 53.082	$ 58.390	$ 1.708		
10715 - 2	1.263858	$ 443.879.53	1.263858	$ -	$ 443.880	$ -	$ 443.880	$ 443.880	$ 488.267	$ 1.708		
Program Total								**$ 3,601,784**	**$ 3,961,963**	**$ 713,444**	**4.24**	**1.63**

Summary

Discount Rate 7.80%

Overhead Rates:

Not used DSM Cost

Not Used - total only Not used - total only

Total PV Benefits UCT Total PV Benefits TRC

Total Benefits UCT - Total Benefits TRC

	paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula v-t	paste	unused modify	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate) -1	formula: V/(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR									formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AD*L1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Time	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
			Tracking																																						
E215	Single Family New Construction					6	0.00							$	0																										
			Program Total				**0.00**								**0**		**0%**	**$ 58,318**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 58,318**	**$ 58,318**			**$ 54,113**	**$ 54,113**	**$ -**									**$ -**	**$ -**	**0.00**	**0.00**

Summary

Discount Rate 7.80%

Overhead Rolled-

Not used DMSC Inc

Not Used - total only Not used - total only

Total PV Benefits UCT Total PV Benefits TRC

Total Benefits UCT - Total Benefits TRC

	paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula P*K	paste	unused modify	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate) ^-1	formula: V/(1+ElecDiscountRate ^-1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR						formula: Logic to lookup from AC tables and adjust	formula: Utility Savings (AD*L1+AD+AE	Intermula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Time	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
E254	NEEA	NA	NA	7		7	7.00	Comm Flat	1	15,502,800		$088,849.32	$088,849.32	$ -	15,502,800			$ 886,849	$ -	$ 886,849		$ 886,849	$ 4,832,680	$ -	$ -	$ 3,741,911	$ 3,741,911	$ -	$ -	0.439725	$ 6,856,951.54	0.439725	$ -	$ 6,856,952	$ -	$ 6,856,952	$ 6,856,952	$ 7,542,287	1.83	2.02
			Program Total				**7.00**								**15,502,800**		**0%**	**$ 3,545,830**	**$ 886,849**	**$ - 886,849**	**$ -**	**$ 4,832,680**	**$ 4,832,680**			**$ 3,741,911**	**$ 3,741,911**	**$ -**	**$ -**							**$ 6,856,952**	**$ 6,856,952**	**$ 7,542,287**		

Summary

Discount Rate: 7.00%

Overhead Dockter

Not Used - total only Not used - total only

Sth. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units rebated	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Eeripment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unsadjusted Total	Decreases	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
		paste	paste	paste	paste	paste	paste	Formula: F = G	formula	paste	paste	paste	paste	formula D - N	P paste	Paste - Not Used	Not Used Paste	paste	formula P*K	paste	general/manda	formula: S = T	formula: S + V	paste	paste	U1=Elec:DiscountRate	V1=Elec:DiscountRate	PV1Elec:DiscountRat	PV1Elec:Discount1											
E249	Residential Energy Reports	11708 - 2	REIL Energy Report - Expansion - EO	2		2	0.50	Res Lighting	23,521	35		$0.00	$0.00	$ -	788,235			$ 112,605	$ -	$ 112,605				$ -		$ -	$ -	$ -	$ -	0.154939	$ 122,139.56	0.154939	$ -	$ 122,139	$ -	$ 122,139	$ 134,341			
E249	Residential Energy Reports	11709 - 2	REIE Energy Report - Expansion - HAJ	2		2	0.25	Res Water Heat	21,277	36		$4.00	$4.00	$ -	765,972			$ 85,108	$ -	$ 85,108				$ -		$ -	$ -	$ -	$ -	0.148781	$ 113,962	0.148781	$ -	$ 113,962	$ -	$ 113,962	$ 125,358			
E249	Residential Energy Reports	11710 - 2	REIG Energy Report - Expansion - Rural	2		2	0.60	Res Water Heat	27,858	37		$4.00	$4.00	$ -	1,393,492			$ 111,934	$ -	$ 111,934				$ -		$ -	$ -	$ -	$ -	0.148781	$ 237,091	0.148781	$ -	$ 237,091	$ -	$ 237,091	$ 260,799			
E249	Residential Energy Reports	11711 - 2	REIS Energy Report - Refill	2		2	0.82	Res Water Heat	38,246	77		$4.00	$4.00	$ -	2,174,542			$ 112,884	$ -	$ 112,884				$ -		$ -	$ -	$ -	$ -	0.148781	$ 323,590	0.148781	$ -	$ 323,590	$ -	$ 323,590	$ 355,949			
			Program Total				**2.00**								**5,904,440**	**8%**	**$ 116,729**	**$ 2,052,882**	**$ -**	**$ 2,052,882**	**$ -**	**$ 622,524**	**$ -**	**$ 2,169,330**	**$ 539,250**	**$ -**	**$ 1,011,926**	**$ 569,372**	**$ -**							**$ 796,762**	**$ 876,438**	**1.40**	**1.79**

Summary

Discount Rate 7.80%

Overhead Rates:

Not used DSM Cost

Not Used - total only Not used - total only

Total PV Benefits UCT Total PV Benefits TRC

Total Benefits UCT - Total Benefits TRC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula Q - N	Paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula P*K	paste	unused modfy	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate) ^-1	formula: V/(1+ElecDiscountRate ^-1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR						formula: Logic w lookup from AC tables and adjust	formula: Utility Savings (AE)*(1.1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Time	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Ducrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	TBD	NA	Tracking	5	6	5	5.00	Comm Flat	1	42,451		$0.00	$0.00		42,451			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.32755	$ 13,913.52	0.32755	$ -	$ 13,914	$ -	$ 13,914	$ 13,914	$ 15,505	0.00	0.00
			Program Total				**5.00**								**42,451**	**0%**	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -							$ 13,914	$ 13,914	$ 15,505	**0.00**	**0.00**

Summary

Discount Rate: 7.80%

Overhead Budget:

but use DBtC for

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
E262	Lodging Direct Install	11611 - 1	LGDI: Occupancy Sensor - Less than 100w	10		10	0.00	Comm Lighting	18	48		$68.00	$68.00	$ -
E262	Lodging Direct Install	11337 - 1	LGDI: Controls - ASH - Compressor - Low Temp	8		8	0.00	Comm Refrigeration	1	369		$42.40	$42.40	$ -
E262	Lodging Direct Install	11702 - 1	LGDI: Thermostat - Programmable	10		10	0.01	Comm Space Heat	9	473		$160.00	$160.00	$ -
E262	Lodging Direct Install	11344 - 2	LGDI: Fixture - LED - Recessed Can - Exterior	12		12	0.02	Comm Lighting	42	138		$70.00	$106.68	$ 37
E262	Lodging Direct Install	11346 - 2	I: Fixture - LED - Recessed Can - Lodging Common A	12		12	0.75	Comm Lighting	1,020	280		$70.00	$106.68	$ 37
E262	Lodging Direct Install	11354 - 1	LGDI: Fixture - LED - Wall Pack - Photocell - 60w	12		12	-0.01	Comm Lighting	(4)	937		$209.03	$298.62	$ 90
E262	Lodging Direct Install	11354 - 2	LGDI: Fixture - LED - Wall Pack - Photocell - 60w	12		12	0.01	Comm Lighting	4	970		$209.03	$298.62	$ 90
E262	Lodging Direct Install	11400 - 1	I: Fixture - TLED - 4 ft - 2x - from 8 ft T12 HO F96 1x	12		12	-0.01	Comm Lighting	(4)	1,073		$74.79	$74.79	$ -
E262	Lodging Direct Install	11400 - 2	I: Fixture - TLED - 4 ft - 2x - from 8 ft T12 HO F96 1x	12		12	0.01	Comm Lighting	4	673		$74.79	$74.79	$ -
E262	Lodging Direct Install	11402 - 2	LGDI: Fixture - TLED - 4 ft - 4x - from 8 ft T12 F96 2x	12		12	0.00	Comm Lighting	5	284		$84.30	$120.43	$ 36
E262	Lodging Direct Install	11405 - 1	I: Fixture - TLED - 4 ft - 4x - from 8 ft T12 HO F96 2x	12		12	0.03	Comm Lighting	8	1,346		$98.99	$141.42	$ 42
E262	Lodging Direct Install	11409 - 1	DI: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T12 4x -	12		12	0.08	Comm Lighting	30	1,039		$70.64	$100.92	$ 30
E262	Lodging Direct Install	11412 - 2	GDI: Fixture - TLED - DLR - 4 ft - 2x - from 4 ft T12 HO	12		12	0.07	Comm Lighting	30	865		$43.73	$87.46	$ 44
E262	Lodging Direct Install	11418 - 1	xture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w HLO	12		12	0.01	Comm Lighting	4	1,005		$73.79	$105.42	$ 32
E262	Lodging Direct Install	11420 - 1	xture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w NLO	12		12	0.14	Comm Lighting	113	468		$60.93	$87.05	$ 26
E262	Lodging Direct Install	11422 - 1	xture - TLED - DLR - 4 ft - 2x - from 4 ft T8 32w NLO	12		12	0.18	Comm Lighting	100	698		$61.22	$87.46	$ 26
E262	Lodging Direct Install	11424 - 1	Fixture - TLED - DLR - 4 ft - 2x - from 8 ft T12 F96 2x	12		12	0.06	Comm Lighting	26	954		$70.64	$100.92	$ 30
E262	Lodging Direct Install	11362 - 1	DI: Fixture - T8 - 4 ft - 2x - 28w - from 8 ft T8 F96 1x -	12		12	0.01	Comm Lighting	20	102		$127.20	$127.20	$ -
E262	Lodging Direct Install	11364 - 1	DI: Fixture - T8 - 4 ft - 2x - from 8 ft T12 HO F96 1x -	12		12	0.05	Comm Lighting	38	537		$127.20	$127.20	$ -
E262	Lodging Direct Install	11365 - 1	LGDI: Fixture - T8 - 4 ft - 4x - from 8 ft T12 F96 2x	12		12	0.00	Comm Lighting	10	40		$74.79	$74.79	$ -
E262	Lodging Direct Install	11374 - 1	Fixture - T8 - DLR - 4 ft - 2x - from 8 ft T12 delamp 2x	12		12	0.01	Comm Lighting	4	818		$62.01	$62.01	$ -
E262	Lodging Direct Install	11376 - 1	GDI: Fixture - T8 - DLR - 4 ft - 3x - from 4 ft T12 4x - L	12		12	0.00	Comm Lighting	2	724		$48.55	$48.55	$ -
E262	Lodging Direct Install	11380 - 2	GDI: Fixture - T8 Retro Kit - 2 ft - 1x - from 2 ft T12 HO	12		12	0.00	Comm Lighting	4	158		$38.14	$38.14	$ -
E262	Lodging Direct Install	11382 - 1	DI: Fixture - T8 Retro Kit - 2 ft - 1x - from 2ft T12 1x -	12		12	0.00	Comm Lighting	2	85		$38.14	$38.14	$ -
E262	Lodging Direct Install	11383 - 2	LGDI: Fixture - T8 Retro Kit - 3 ft - 1x - from 3 ft T12 1	12		12	0.00	Comm Lighting	1	79		$38.14	$38.14	$ -
E262	Lodging Direct Install	11386 - 1	DI: Fixture - T8 Retro Kit - 4 ft - 1x - from 4 ft T12 1x -	12		12	0.00	Comm Lighting	3	136		$38.14	$38.14	$ -
E262	Lodging Direct Install	11388 - 1	DI: Fixture - T8 Retro Kit - 4 ft - 2x - from 4 ft T12 2x -	12		12	0.03	Comm Lighting	38	273		$39.33	$39.33	$ -
E262	Lodging Direct Install	11389 - 2	GDI: Fixture - T8 Retro Kit - 4 ft - 2x - from 4 ft T12 HO	12		12	0.08	Comm Lighting	97	317		$39.33	$39.33	$ -
E262	Lodging Direct Install	11390 - 1	Fixture - T8 Retro Kit - 4 ft - 2x - from 4 ft T12 HO 2x	12		12	0.42	Comm Lighting	185	869		$39.33	$39.33	$ -
E262	Lodging Direct Install	11392 - 1	Fixture - T8 Retro Kit - 4 ft - 3x - from 4 ft T12 HO 3x	12		12	0.08	Comm Lighting	24	1,303		$44.25	$44.25	$ -
E262	Lodging Direct Install	11546 - 1	DI: Lamp - T8 - DLR - 4 ft - 2x - from 4 ft T12 HO 4x -	12		12	0.21	Comm Lighting	39	2,095		$62.01	$62.01	$ -
E262	Lodging Direct Install	11433 - 1	LGDI: Lamp - LED - 20w - from 100w HID	12		12	0.06	Comm Lighting	50	458		$91.65	$176.82	$ 85
E262	Lodging Direct Install	11434 - 1	LGDI: Lamp - LED - 35w - from 175w HID	12		12	0.14	Comm Lighting	71	735		$153.17	$218.82	$ 66
E262	Lodging Direct Install	11435 - 1	LGDI: Lamp - LED - 35w - from 250w HID	12		12	0.46	Comm Lighting	164	1,075		$153.17	$218.82	$ 66
E262	Lodging Direct Install	11436 - 1	LGDI: Lamp - LED - 60w - from 250w HID	12		12	0.05	Comm Lighting	20	970		$194.04	$298.62	$ 105
E262	Lodging Direct Install	11438 - 1	LGDI: Lamp - LED - 80w - from 400w HID	12		12	0.05	Comm Lighting	11	1,588		$317.52	$471.07	$ 154
E262	Lodging Direct Install	11442 - 1	GDI: Lamp - LED - Decorative - Lodging Common Are	3		3	0.01	Comm Lighting	66	159		$27.69	$27.69	$ -
E262	Lodging Direct Install	11442 - 2	GDI: Lamp - LED - Decorative - Lodging Common Are	3		3	0.02	Comm Lighting	226	159		$10.82	$10.82	$ -
E262	Lodging Direct Install	11447 - 2	LGDI: Lamp - LED - Decorative - Restaurant	3		3	0.00	Comm Lighting	30	70		$10.82	$10.82	$ -
E262	Lodging Direct Install	11452 - 2	LGDI: Lamp - LED - Globe - 5w - Exterior	5		5	0.00	Comm Lighting	8	56		$14.89	$14.89	$ -
E262	Lodging Direct Install	11454 - 2	GDI: Lamp - LED - Globe - 5w - Lodging Common Are	5		5	0.01	Comm Lighting	42	113		$14.89	$14.89	$ -
E262	Lodging Direct Install	11456 - 2	LGDI: Lamp - LED - Globe - 5w - Office	5		5	0.00	Comm Lighting	3	41		$14.89	$14.89	$ -
E262	Lodging Direct Install	11465 - 1	GDI: Lamp - LED - Low to Med Output - from 320w H	12		12	0.02	Comm Lighting	6	1,298		$329.75	$417.07	$ 87
E262	Lodging Direct Install	11466 - 1	GDI: Lamp - LED - Low to Med Output - from 400w H	12		12	0.87	Comm Lighting	198	1,676		$329.75	$417.07	$ 87
E262	Lodging Direct Install	11470 - 2	LGDI: Lamp - LED - MR 16 - Lodging Common Areas	5		5	0.01	Comm Lighting	57	210		$19.00	$19.00	$ -
E262	Lodging Direct Install	11475 - 2	LGDI: Lamp - LED - MR 16 - Restaurant	5		5	0.01	Comm Lighting	52	92		$19.00	$19.00	$ -
E262	Lodging Direct Install	11480 - 2	LGDI: Lamp - LED - Omni - 11w - Exterior	5		5	0.08	Comm Lighting	618	123		$13.78	$13.78	$ -
E262	Lodging Direct Install	11482 - 1	GDI: Lamp - LED - Omni - 11w - Lodging Common Are	5		5	0.03	Comm Lighting	110	249		$19.68	$19.68	$ -
E262	Lodging Direct Install	11482 - 2	GDI: Lamp - LED - Omni - 11w - Lodging Common Are	5		5	1.27	Comm Lighting	4,692	249		$13.78	$13.78	$ -
E262	Lodging Direct Install	11483 - 2	GDI: Lamp - LED - Omni - 11w - Lodging Guest Roor	5		5	0.24	Comm Lighting	5,496	40		$4.35	$8.35	$ 4
E262	Lodging Direct Install	11485 - 2	LGDI: Lamp - LED - Omni - 11w - Other	5		5	0.00	Comm Lighting	8	68		$13.78	$13.78	$ -
E262	Lodging Direct Install	11487 - 2	LGDI: Lamp - LED - Omni - 11w - Restaurant	5		5	0.00	Comm Lighting	4	109		$13.78	$13.78	$ -
E262	Lodging Direct Install	11494 - 1	GDI: Lamp - LED - Omni - 7w - Lodging Common Are	5		5	0.01	Comm Lighting	34	158		$18.70	$18.70	$ -
E262	Lodging Direct Install	11494 - 2	GDI: Lamp - LED - Omni - 7w - Lodging Common Are	5		5	0.01	Comm Lighting	36	158		$13.78	$13.78	$ -
E262	Lodging Direct Install	11496 - 2	LGDI: Lamp - LED - Omni - 7w - Office	5		5	0.00	Comm Lighting	3	58		$13.78	$13.78	$ -
E262	Lodging Direct Install	11499 - 2	LGDI: Lamp - LED - Omni - 7w - Restaurant	5		5	0.00	Comm Lighting	39	70		$13.78	$13.78	$ -
E262	Lodging Direct Install	11506 - 2	LGDI: Lamp - LED - Par 20 - Lodging Common Areas	5		5	0.04	Comm Lighting	130	299		$20.07	$20.07	$ -
E262	Lodging Direct Install	11516 - 2	LGDI: Lamp - LED - Par 30 - Exterior	5		5	0.03	Comm Lighting	185	126		$22.41	$22.41	$ -
E262	Lodging Direct Install	11518 - 1	LGDI: Lamp - LED - Par 30 - Lodging Common Areas	5		5	0.08	Comm Lighting	306	255		$50.64	$50.64	$ -
E262	Lodging Direct Install	11518 - 2	LGDI: Lamp - LED - Par 30 - Lodging Common Areas	5		5	0.20	Comm Lighting	704	255		$22.41	$22.41	$ -
E262	Lodging Direct Install	11519 - 2	LGDI: Lamp - LED - Par 30 - Lodging Guest Rooms	5		5	0.01	Comm Lighting	251	41		$7.20	$13.20	$ 6
E262	Lodging Direct Install	11520 - 2	LGDI: Lamp - LED - Par 30 - Office	5		5	0.00	Comm Lighting	2	93		$22.41	$22.41	$ -
E262	Lodging Direct Install	11523 - 2	LGDI: Lamp - LED - Par 30 - Restaurant	5		5	0.01	Comm Lighting	76	112		$22.41	$22.41	$ -
E262	Lodging Direct Install	11528 - 1	LGDI: Lamp - LED - Par 38 or 40 - Exterior	5		5	0.00	Comm Lighting	8	170		$52.35	$52.35	$ -
E262	Lodging Direct Install	11528 - 2	LGDI: Lamp - LED - Par 38 or 40 - Exterior	5		5	0.04	Comm Lighting	206	170		$30.78	$30.78	$ -
E262	Lodging Direct Install	11530 - 1	GDI: Lamp - LED - Par 38 or 40 - Lodging Common Ar	5		5	0.05	Comm Lighting	137	344		$52.35	$52.35	$ -
E262	Lodging Direct Install	11530 - 2	GDI: Lamp - LED - Par 38 or 40 - Lodging Common Ar	5		5	0.09	Comm Lighting	231	344		$30.78	$30.78	$ -
E262	Lodging Direct Install	11531 - 2	GDI: Lamp - LED - Par 38 or 40 - Lodging Guest Roo	5		5	0.01	Comm Lighting	227	56		$9.04	$21.04	$ 12
E262	Lodging Direct Install	11541 - 1	LGDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 4x	12		12	0.00	Comm Lighting	2	172		$52.82	$52.82	$ -
E262	Lodging Direct Install	11543 - 2	LGDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 HO 4x	12		12	0.13	Comm Lighting	81	634		$52.82	$52.82	$ -
E262	Lodging Direct Install	11544 - 1	LGDI: Lamp - T8 - 4 ft - 4x - from 4 ft T12 HO 4x - LC	12		12	0.40	Comm Lighting	87	1,738		$52.82	$52.82	$ -
E262	Lodging Direct Install	11548 - 1	LGDI: Lamp - TLED - 3 ft - 1x - from 3 ft 1x T8 25w	12		12	0.00	Comm Lighting	40	43		$19.07	$43.85	$ 25
E262	Lodging Direct Install	11549 - 1	GDI: Lamp - TLED - 3 ft - 1x - from 3 ft 1x T8 25w - L	12		12	0.00	Comm Lighting	3	111		$21.92	$43.85	$ 22
E262	Lodging Direct Install	11551 - 1	LGDI: Lamp - TLED - 3 ft - 1x - from 3 ft T12 1x - LC	12		12	0.00	Comm Lighting	1	239		$19.07	$43.85	$ 25
E262	Lodging Direct Install	11553 - 1	LGDI: Lamp - TLED - 4 ft - 1x - from 4 ft T12 1x - LC	12		12	0.04	Comm Lighting	80	204		$29.30	$58.59	$ 29
E262	Lodging Direct Install	11556 - 1	GDI: Lamp - TLED - 4 ft - 1x - from 4 ft T8 28w NLO	12		12	0.00	Comm Lighting	6	36		$29.30	$58.59	$ 29
E262	Lodging Direct Install	11557 - 1	I: Lamp - TLED - 4 ft - 1x - from 4 ft T8 28w NLO 1x -	12		12	0.03	Comm Lighting	112	94		$29.30	$58.59	$ 29
E262	Lodging Direct Install	11564 - 2	LGDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 2x	12		12	0.00	Comm Lighting	4	158		$41.30	$59.01	$ 18
E262	Lodging Direct Install	11565 - 1	LGDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 2x - LC	12		12	0.11	Comm Lighting	105	409		$41.30	$59.01	$ 18
E262	Lodging Direct Install	11567 - 1	GDI: Lamp - TLED - 4 ft - 2x - from 4 ft T12 HO 2x - L	12		12	0.03	Comm Lighting	10	1,005		$49.76	$71.09	$ 21
E262	Lodging Direct Install	11570 - 1	GDI: Lamp - TLED - 4 ft - 2x - from 4 ft T8 28w NLO	12		12	0.01	Comm Lighting	43	73		$29.30	$58.59	$ 29
E262	Lodging Direct Install	11571 - 1	I: Lamp - TLED - 4 ft - 2x - from 4 ft T8 28w NLO 2x -	12		12	0.41	Comm Lighting	840	187		$30.60	$61.19	$ 31
E262	Lodging Direct Install	11573 - 1	I: Lamp - TLED - 4 ft - 2x - from 4 ft T8 32w HLO 2x -	12		12	0.14	Comm Lighting	139	392		$30.60	$61.19	$ 31
E262	Lodging Direct Install	11588 - 1	GDI: Lamp - TLED - 4 ft - 3x - from 4 ft T8 32w NLO	12		12	0.00	Comm Lighting	6	139		$51.60	$73.72	$ 22
E262	Lodging Direct Install	11589 - 1	I: Lamp - TLED - 4 ft - 3x - from 4 ft T8 32w NLO 3x -	12		12	0.07	Comm Lighting	76	358		$37.51	$75.02	$ 38
E262	Lodging Direct Install	11593 - 1	LGDI: Lamp - TLED - 4 ft - 4x - from 4 ft T12 4x - LC	12		12	0.01	Comm Lighting	3	818		$75.37	$107.67	$ 32
E262	Lodging Direct Install	11600 - 2	GDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w HLO	12		12	0.01	Comm Lighting	14	304		$60.93	$89.32	$ 28
E262	Lodging Direct Install	11604 - 2	GDI: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w HLO	12		12	0.00	Comm Lighting	3	185		$60.93	$89.32	$ 28
E262	Lodging Direct Install	11605 - 1	I: Lamp - TLED - 4 ft - 4x - from 4 ft T8 32w NLO 4x -	12		12	0.06	Comm Lighting	27	784		$62.53	$89.32	$ 27
E262	Lodging Direct Install	11606 - 1	LGDI: LED Exit Sign	9		9	0.05	Comm Flat	151	153		$60.00	$60.00	$ -
E262	Lodging Direct Install	11326 - 1	LGDI: Aerator - EWH - All Others	10		10	0.00	Comm Water Heat	(6)	153		$13.09	$13.09	$ -
E262	Lodging Direct Install	11326 - 2	LGDI: Aerator - EWH - All Others	10		10	0.07	Comm Water Heat	212	152		$13.09	$13.09	$ -
E262	Lodging Direct Install	11683 - 1	LGDI: Showerhead - Any Comm - GWH - 1.5 gpm - El	10		10	0.00	Comm Water Heat	66	10		$0.00	$0.00	$ -
E262	Lodging Direct Install	11684 - 1	LGDI: Showerhead - DI - Any Comm - EWH - 1.5 gpm	10		10	0.04	Comm Water Heat	79	228		$23.80	$23.80	$ -
E262	Lodging Direct Install	11686 - 1	LGDI: Showerhead - DI - Fit Ctr - EWH - 1.5 gpm	10		10	0.83	Comm Water Heat	89	4,288		$23.80	$23.80	$ -
E262	Lodging Direct Install	11701 - 1	LGDI: Sprayhead - GWH - 0.65 gpm - not PI - EIE	4		4	0.00	Comm Water Heat	2	70		$0.00	$0.00	$ -
			Program Total				**8.58**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Costs UCT formula: U/(1+ElecDiscountRate)^1	Total PV Costs TRC formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
11611 - 1	864			$ 1,224	$ (2,448)	$ 1,224						$ -	$ -	$ -	$ -
11337 - 1	369			$ 42	$ -	$ 42						$ -	$ -	$ -	$ -
11702 - 1	4,257			$ 1,440	$ -	$ 1,440						$ -	$ -	$ -	$ -
11344 - 2	5,796			$ 2,940	$ 1,541	$ 4,481				$ -		$ -	$ -	$ -	$ -
11346 - 2	285,600			$ 71,400	$ 37,414	$ 108,814				$ -		$ -	$ -	$ -	$ -
11354 - 1	-3,748			$ -	$ (358)	$ (1,194)						$ -	$ -	$ -	$ -
11354 - 2	3,880			$ -	$ 358	$ 1,194						$ -	$ -	$ -	$ -
11400 - 1	-4,292			$ -	$ -	$ (299)						$ -	$ -	$ -	$ -
11400 - 2	2,692			$ -	$ -	$ 299						$ -	$ -	$ -	$ -
11402 - 2	1,420			$ 422	$ 181	$ 602				$ -		$ -	$ -	$ -	$ -
11405 - 1	10,768			$ 792	$ 339	$ 1,131						$ -	$ -	$ -	$ -
11409 - 1	31,170			$ 2,119	$ 908	$ 3,028						$ -	$ -	$ -	$ -
11412 - 2	25,950			$ 1,312	$ 1,312	$ 2,624				$ -		$ -	$ -	$ -	$ -
11418 - 1	4,020			$ 295	$ 127	$ 422						$ -	$ -	$ -	$ -
11420 - 1	52,884			$ 6,885	$ 2,952	$ 9,837						$ -	$ -	$ -	$ -
11422 - 1	69,800			$ 6,122	$ 2,624	$ 8,746						$ -	$ -	$ -	$ -
11424 - 1	24,804			$ 1,837	$ 787	$ 2,624						$ -	$ -	$ -	$ -
11362 - 1	2,040			$ 2,544	$ -	$ 2,544						$ -	$ -	$ -	$ -
11364 - 1	20,406			$ 4,834	$ -	$ 4,834						$ -	$ -	$ -	$ -
11365 - 1	400			$ 748	$ -	$ 748						$ -	$ -	$ -	$ -
11374 - 1	3,272			$ 248	$ -	$ 248						$ -	$ -	$ -	$ -
11376 - 1	1,448			$ 97	$ -	$ 97						$ -	$ -	$ -	$ -
11380 - 2	632			$ 153	$ -	$ 153				$ -		$ -	$ -	$ -	$ -
11382 - 1	170			$ 76	$ -	$ 76						$ -	$ -	$ -	$ -
11383 - 2	79			$ 38	$ -	$ 38				$ -		$ -	$ -	$ -	$ -
11386 - 1	408			$ 114	$ -	$ 114						$ -	$ -	$ -	$ -
11388 - 1	10,374			$ 1,495	$ -	$ 1,495						$ -	$ -	$ -	$ -
11389 - 2	30,749			$ 3,815	$ -	$ 3,815				$ -		$ -	$ -	$ -	$ -
11390 - 1	160,765			$ 7,276	$ -	$ 7,276						$ -	$ -	$ -	$ -
11392 - 1	31,272			$ 1,062	$ -	$ 1,062						$ -	$ -	$ -	$ -
11546 - 1	81,705			$ 2,418	$ -	$ 2,418						$ -	$ -	$ -	$ -
11433 - 1	22,900			$ 4,583	$ 4,259	$ 8,841						$ -	$ -	$ -	$ -
11434 - 1	52,185			$ 10,875	$ 4,661	$ 15,536						$ -	$ -	$ -	$ -
11435 - 1	176,300			$ 25,120	$ 10,767	$ 35,886						$ -	$ -	$ -	$ -
11436 - 1	19,400			$ 3,881	$ 2,092	$ 5,972						$ -	$ -	$ -	$ -
11438 - 1	17,468			$ 3,493	$ 1,689	$ 5,182						$ -	$ -	$ -	$ -
11442 - 1	10,494			$ 1,828	$ -	$ 1,828						$ -	$ -	$ -	$ -
11442 - 2	35,934			$ 2,445	$ -	$ 2,445				$ -		$ -	$ -	$ -	$ -
11447 - 2	2,100			$ 325	$ -	$ 325				$ -		$ -	$ -	$ -	$ -
11452 - 2	448			$ 119	$ -	$ 119				$ -		$ -	$ -	$ -	$ -
11454 - 2	4,746			$ 625	$ -	$ 625				$ -		$ -	$ -	$ -	$ -
11456 - 2	123			$ 45	$ -	$ 45				$ -		$ -	$ -	$ -	$ -
11465 - 1	7,788			$ 1,979	$ 524	$ 2,502						$ -	$ -	$ -	$ -
11466 - 1	331,848			$ 65,291	$ 17,289	$ 82,580						$ -	$ -	$ -	$ -
11470 - 2	11,970			$ 1,083	$ -	$ 1,083				$ -		$ -	$ -	$ -	$ -
11475 - 2	4,784			$ 988	$ -	$ 988				$ -		$ -	$ -	$ -	$ -
11480 - 2	76,014			$ 8,516	$ -	$ 8,516				$ -		$ -	$ -	$ -	$ -
11482 - 1	27,390			$ 2,165	$ -	$ 2,165						$ -	$ -	$ -	$ -
11482 - 2	1,168,308			$ 64,656	$ -	$ 64,656				$ -		$ -	$ -	$ -	$ -
11483 - 2	219,840			$ 23,908	$ 21,984	$ 45,892				$ -		$ -	$ -	$ -	$ -
11485 - 2	544			$ 110	$ -	$ 110				$ -		$ -	$ -	$ -	$ -
11487 - 2	436			$ 55	$ -	$ 55				$ -		$ -	$ -	$ -	$ -
11494 - 1	5,372			$ 636	$ -	$ 636						$ -	$ -	$ -	$ -
11494 - 2	5,688			$ 496	$ -	$ 496				$ -		$ -	$ -	$ -	$ -
11496 - 2	174			$ 41	$ -	$ 41				$ -		$ -	$ -	$ -	$ -
11499 - 2	2,730			$ 537	$ -	$ 537				$ -		$ -	$ -	$ -	$ -
11506 - 2	38,870			$ 2,609	$ -	$ 2,609				$ -		$ -	$ -	$ -	$ -
11516 - 2	23,310			$ 4,146	$ -	$ 4,146				$ -		$ -	$ -	$ -	$ -
11518 - 1	78,030			$ 15,496	$ -	$ 15,496						$ -	$ -	$ -	$ -
11518 - 2	179,520			$ 15,777	$ -	$ 15,777				$ -		$ -	$ -	$ -	$ -
11519 - 2	10,291			$ 1,807	$ 1,506	$ 3,313				$ -		$ -	$ -	$ -	$ -
11520 - 2	186			$ 45	$ -	$ 45				$ -		$ -	$ -	$ -	$ -
11523 - 2	8,512			$ 1,703	$ -	$ 1,703				$ -		$ -	$ -	$ -	$ -
11528 - 1	1,360			$ 419	$ -	$ 419						$ -	$ -	$ -	$ -
11528 - 2	35,020			$ 6,341	$ -	$ 6,341				$ -		$ -	$ -	$ -	$ -
11530 - 1	47,128			$ 7,172	$ -	$ 7,172						$ -	$ -	$ -	$ -
11530 - 2	79,464			$ 7,110	$ -	$ 7,110				$ -		$ -	$ -	$ -	$ -
11531 - 2	12,712			$ 2,052	$ 2,724	$ 4,776				$ -		$ -	$ -	$ -	$ -
11541 - 1	344			$ 106	$ -	$ 106						$ -	$ -	$ -	$ -
11543 - 2	51,354			$ 4,278	$ -	$ 4,278				$ -		$ -	$ -	$ -	$ -
11544 - 1	151,206			$ 4,595	$ -	$ 4,595						$ -	$ -	$ -	$ -
11548 - 1	1,720			$ 763	$ 991	$ 1,754						$ -	$ -	$ -	$ -
11549 - 1	333			$ 66	$ 66	$ 132						$ -	$ -	$ -	$ -
11551 - 1	239			$ 19	$ 25	$ 44						$ -	$ -	$ -	$ -
11553 - 1	16,320			$ 2,344	$ 2,343	$ 4,687						$ -	$ -	$ -	$ -
11556 - 1	216			$ 176	$ 176	$ 352						$ -	$ -	$ -	$ -
11557 - 1	10,528			$ 3,282	$ 3,280	$ 6,562						$ -	$ -	$ -	$ -
11564 - 2	632			$ 165	$ 71	$ 236				$ -		$ -	$ -	$ -	$ -
11565 - 1	42,945			$ 4,337	$ 1,860	$ 6,196						$ -	$ -	$ -	$ -
11567 - 1	10,050			$ 498	$ 213	$ 711						$ -	$ -	$ -	$ -
11570 - 1	3,139			$ 1,260	$ 1,259	$ 2,519						$ -	$ -	$ -	$ -
11571 - 1	157,080			$ 25,704	$ 25,696	$ 51,400						$ -	$ -	$ -	$ -
11573 - 1	54,488			$ 4,253	$ 4,252	$ 8,505						$ -	$ -	$ -	$ -
11588 - 1	834			$ 310	$ 133	$ 442						$ -	$ -	$ -	$ -
11589 - 1	27,208			$ 2,851	$ 2,851	$ 5,702						$ -	$ -	$ -	$ -
11593 - 1	2,454			$ 226	$ 97	$ 323						$ -	$ -	$ -	$ -
11600 - 2	4,256			$ 853	$ 397	$ 1,250				$ -		$ -	$ -	$ -	$ -
11604 - 2	555			$ 183	$ 85	$ 268				$ -		$ -	$ -	$ -	$ -
11605 - 1	21,168			$ 1,688	$ 723	$ 2,412						$ -	$ -	$ -	$ -
11606 - 1	23,148			$ 9,060	$ -	$ 9,060						$ -	$ -	$ -	$ -
11326 - 1	-916			$ 1,021	$ -	$ (79)				$ 132.69		$ -	$ -	$ (5,398)	$ -
11326 - 2	32,139			$ 1,676	$ -	$ 2,775				$ 132.69		$ -	$ -	$ 190,730	$ -
11683 - 1	660			$ -	$ -	$ -						$ -	$ -	$ -	$ -
11684 - 1	18,012			$ 1,880	$ -	$ 1,880						$ -	$ -	$ -	$ -
11686 - 1	381,632			$ 2,118	$ -	$ 2,118						$ -	$ -	$ -	$ -
11701 - 1	140			$ -	$ -	$ -						$ -	$ -	$ -	$ -
Program Total	**4,591,226**	**0%**	**$ 352,249**	**$ 481,614**	**$ 157,748**	**$ 644,129**	**$ -**	**$ 833,863**	**$ 996,378**			**$ 773,743**	**$ 924,541**	**$ 185,332**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								Total Benefits UCT formula: Logic to lookup from AC tables and adjust	Total Benefits TRC Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
11611 - 1	0.631532	$ 545.64	0.631532	$ -	$ 546	$ -	$ 546	$ 546	$ 600		
11337 - 1	0.484267	$ 179	0.484267	$ -	$ 179	$ -	$ 179	$ 179	$ 197		
11702 - 1	1.437044	$ 6,117	1.437044	$ -	$ 6,117	$ -	$ 6,117	$ 6,117	$ 6,729		
11344 - 2	0.731381	$ 4,239	0.731381	$ -	$ 4,239	$ -	$ 4,239	$ 4,239	$ 4,663		
11346 - 2	0.731381	$ 208,882	0.731381	$ -	$ 208,882	$ -	$ 208,882	$ 208,882	$ 229,771		
11354 - 1	0.731381	$ (2,741)	0.731381	$ -	$ (2,741)	$ -	$ (2,741)	$ (2,741)	$ (3,015)		
11354 - 2	0.731381	$ 2,838	0.731381	$ -	$ 2,838	$ -	$ 2,838	$ 2,838	$ 3,122		
11400 - 1	0.731381	$ (3,139)	0.731381	$ -	$ (3,139)	$ -	$ (3,139)	$ (3,139)	$ (3,453)		
11400 - 2	0.731381	$ 1,969	0.731381	$ -	$ 1,969	$ -	$ 1,969	$ 1,969	$ 2,166		
11402 - 2	0.731381	$ 1,039	0.731381	$ -	$ 1,039	$ -	$ 1,039	$ 1,039	$ 1,142		
11405 - 1	0.731381	$ 7,876	0.731381	$ -	$ 7,876	$ -	$ 7,876	$ 7,876	$ 8,663		
11409 - 1	0.731381	$ 22,797	0.731381	$ -	$ 22,797	$ -	$ 22,797	$ 22,797	$ 25,077		
11412 - 2	0.731381	$ 18,979	0.731381	$ -	$ 18,979	$ -	$ 18,979	$ 18,979	$ 20,877		
11418 - 1	0.731381	$ 2,940	0.731381	$ -	$ 2,940	$ -	$ 2,940	$ 2,940	$ 3,234		
11420 - 1	0.731381	$ 38,678	0.731381	$ -	$ 38,678	$ -	$ 38,678	$ 38,678	$ 42,546		
11422 - 1	0.731381	$ 51,050	0.731381	$ -	$ 51,050	$ -	$ 51,050	$ 51,050	$ 56,155		
11424 - 1	0.731381	$ 18,141	0.731381	$ -	$ 18,141	$ -	$ 18,141	$ 18,141	$ 19,955		
11362 - 1	0.731381	$ 1,492	0.731381	$ -	$ 1,492	$ -	$ 1,492	$ 1,492	$ 1,641		
11364 - 1	0.731381	$ 14,925	0.731381	$ -	$ 14,925	$ -	$ 14,925	$ 14,925	$ 16,417		
11365 - 1	0.731381	$ 293	0.731381	$ -	$ 293	$ -	$ 293	$ 293	$ 322		
11374 - 1	0.731381	$ 2,393	0.731381	$ -	$ 2,393	$ -	$ 2,393	$ 2,393	$ 2,632		
11376 - 1	0.731381	$ 1,059	0.731381	$ -	$ 1,059	$ -	$ 1,059	$ 1,059	$ 1,165		
11380 - 2	0.731381	$ 462	0.731381	$ -	$ 462	$ -	$ 462	$ 462	$ 508		
11382 - 1	0.731381	$ 124	0.731381	$ -	$ 124	$ -	$ 124	$ 124	$ 137		
11383 - 2	0.731381	$ 58	0.731381	$ -	$ 58	$ -	$ 58	$ 58	$ 64		
11386 - 1	0.731381	$ 298	0.731381	$ -	$ 298	$ -	$ 298	$ 298	$ 328		
11388 - 1	0.731381	$ 7,587	0.731381	$ -	$ 7,587	$ -	$ 7,587	$ 7,587	$ 8,346		
11389 - 2	0.731381	$ 22,489	0.731381	$ -	$ 22,489	$ -	$ 22,489	$ 22,489	$ 24,738		
11390 - 1	0.731381	$ 117,580	0.731381	$ -	$ 117,580	$ -	$ 117,580	$ 117,580	$ 129,338		
11392 - 1	0.731381	$ 22,872	0.731381	$ -	$ 22,872	$ -	$ 22,872	$ 22,872	$ 25,159		
11546 - 1	0.731381	$ 59,757	0.731381	$ -	$ 59,757	$ -	$ 59,757	$ 59,757	$ 65,733		
11433 - 1	0.731381	$ 16,749	0.731381	$ -	$ 16,749	$ -	$ 16,749	$ 16,749	$ 18,423		
11434 - 1	0.731381	$ 38,167	0.731381	$ -	$ 38,167	$ -	$ 38,167	$ 38,167	$ 41,984		
11435 - 1	0.731381	$ 128,942	0.731381	$ -	$ 128,942	$ -	$ 128,942	$ 128,942	$ 141,837		
11436 - 1	0.731381	$ 14,189	0.731381	$ -	$ 14,189	$ -	$ 14,189	$ 14,189	$ 15,608		
11438 - 1	0.731381	$ 12,776	0.731381	$ -	$ 12,776	$ -	$ 12,776	$ 12,776	$ 14,053		
11442 - 1	0.222479	$ 2,335	0.222479	$ -	$ 2,335	$ -	$ 2,335	$ 2,335	$ 2,568		
11442 - 2	0.222479	$ 7,995	0.222479	$ -	$ 7,995	$ -	$ 7,995	$ 7,995	$ 8,794		
11447 - 2	0.222479	$ 467	0.222479	$ -	$ 467	$ -	$ 467	$ 467	$ 514		
11452 - 2	0.352384	$ 158	0.352384	$ -	$ 158	$ -	$ 158	$ 158	$ 174		
11454 - 2	0.352384	$ 1,672	0.352384	$ -	$ 1,672	$ -	$ 1,672	$ 1,672	$ 1,840		
11456 - 2	0.352384	$ 43	0.352384	$ -	$ 43	$ -	$ 43	$ 43	$ 48		
11465 - 1	0.731381	$ 5,696	0.731381	$ -	$ 5,696	$ -	$ 5,696	$ 5,696	$ 6,266		
11466 - 1	0.731381	$ 242,707	0.731381	$ -	$ 242,707	$ -	$ 242,707	$ 242,707	$ 266,978		
11470 - 2	0.352384	$ 4,218	0.352384	$ -	$ 4,218	$ -	$ 4,218	$ 4,218	$ 4,640		
11475 - 2	0.352384	$ 1,686	0.352384	$ -	$ 1,686	$ -	$ 1,686	$ 1,686	$ 1,854		
11480 - 2	0.352384	$ 26,786	0.352384	$ -	$ 26,786	$ -	$ 26,786	$ 26,786	$ 29,465		
11482 - 1	0.352384	$ 9,652	0.352384	$ -	$ 9,652	$ -	$ 9,652	$ 9,652	$ 10,617		
11482 - 2	0.352384	$ 411,693	0.352384	$ -	$ 411,693	$ -	$ 411,693	$ 411,693	$ 452,863		
11483 - 2	0.352384	$ 77,468	0.352384	$ -	$ 77,468	$ -	$ 77,468	$ 77,468	$ 85,215		
11485 - 2	0.352384	$ 192	0.352384	$ -	$ 192	$ -	$ 192	$ 192	$ 211		
11487 - 2	0.352384	$ 154	0.352384	$ -	$ 154	$ -	$ 154	$ 154	$ 169		
11494 - 1	0.352384	$ 1,893	0.352384	$ -	$ 1,893	$ -	$ 1,893	$ 1,893	$ 2,082		
11494 - 2	0.352384	$ 2,004	0.352384	$ -	$ 2,004	$ -	$ 2,004	$ 2,004	$ 2,205		
11496 - 2	0.352384	$ 61	0.352384	$ -	$ 61	$ -	$ 61	$ 61	$ 67		
11499 - 2	0.352384	$ 962	0.352384	$ -	$ 962	$ -	$ 962	$ 962	$ 1,058		
11506 - 2	0.352384	$ 13,697	0.352384	$ -	$ 13,697	$ -	$ 13,697	$ 13,697	$ 15,067		
11516 - 2	0.352384	$ 8,214	0.352384	$ -	$ 8,214	$ -	$ 8,214	$ 8,214	$ 9,035		
11518 - 1	0.352384	$ 27,497	0.352384	$ -	$ 27,497	$ -	$ 27,497	$ 27,497	$ 30,246		
11518 - 2	0.352384	$ 63,260	0.352384	$ -	$ 63,260	$ -	$ 63,260	$ 63,260	$ 69,586		
11519 - 2	0.352384	$ 3,626	0.352384	$ -	$ 3,626	$ -	$ 3,626	$ 3,626	$ 3,989		
11520 - 2	0.352384	$ 66	0.352384	$ -	$ 66	$ -	$ 66	$ 66	$ 72		
11523 - 2	0.352384	$ 2,999	0.352384	$ -	$ 2,999	$ -	$ 2,999	$ 2,999	$ 3,299		
11528 - 1	0.352384	$ 479	0.352384	$ -	$ 479	$ -	$ 479	$ 479	$ 527		
11528 - 2	0.352384	$ 12,340	0.352384	$ -	$ 12,340	$ -	$ 12,340	$ 12,340	$ 13,575		
11530 - 1	0.352384	$ 16,607	0.352384	$ -	$ 16,607	$ -	$ 16,607	$ 16,607	$ 18,268		
11530 - 2	0.352384	$ 28,002	0.352384	$ -	$ 28,002	$ -	$ 28,002	$ 28,002	$ 30,802		
11531 - 2	0.352384	$ 4,480	0.352384	$ -	$ 4,480	$ -	$ 4,480	$ 4,480	$ 4,927		
11541 - 1	0.731381	$ 252	0.731381	$ -	$ 252	$ -	$ 252	$ 252	$ 277		
11543 - 2	0.731381	$ 37,559	0.731381	$ -	$ 37,559	$ -	$ 37,559	$ 37,559	$ 41,315		
11544 - 1	0.731381	$ 110,589	0.731381	$ -	$ 110,589	$ -	$ 110,589	$ 110,589	$ 121,648		
11548 - 1	0.731381	$ 1,258	0.731381	$ -	$ 1,258	$ -	$ 1,258	$ 1,258	$ 1,384		
11549 - 1	0.731381	$ 244	0.731381	$ -	$ 244	$ -	$ 244	$ 244	$ 268		
11551 - 1	0.731381	$ 175	0.731381	$ -	$ 175	$ -	$ 175	$ 175	$ 192		
11553 - 1	0.731381	$ 11,936	0.731381	$ -	$ 11,936	$ -	$ 11,936	$ 11,936	$ 13,130		
11556 - 1	0.731381	$ 158	0.731381	$ -	$ 158	$ -	$ 158	$ 158	$ 174		
11557 - 1	0.731381	$ 7,700	0.731381	$ -	$ 7,700	$ -	$ 7,700	$ 7,700	$ 8,470		
11564 - 2	0.731381	$ 462	0.731381	$ -	$ 462	$ -	$ 462	$ 462	$ 508		
11565 - 1	0.731381	$ 31,409	0.731381	$ -	$ 31,409	$ -	$ 31,409	$ 31,409	$ 34,550		
11567 - 1	0.731381	$ 7,350	0.731381	$ -	$ 7,350	$ -	$ 7,350	$ 7,350	$ 8,085		
11570 - 1	0.731381	$ 2,296	0.731381	$ -	$ 2,296	$ -	$ 2,296	$ 2,296	$ 2,525		
11571 - 1	0.731381	$ 114,885	0.731381	$ -	$ 114,885	$ -	$ 114,885	$ 114,885	$ 126,374		
11573 - 1	0.731381	$ 39,851	0.731381	$ -	$ 39,851	$ -	$ 39,851	$ 39,851	$ 43,837		
11588 - 1	0.731381	$ 610	0.731381	$ -	$ 610	$ -	$ 610	$ 610	$ 671		
11589 - 1	0.731381	$ 19,899	0.731381	$ -	$ 19,899	$ -	$ 19,899	$ 19,899	$ 21,889		
11593 - 1	0.731381	$ 1,795	0.731381	$ -	$ 1,795	$ -	$ 1,795	$ 1,795	$ 1,974		
11600 - 2	0.731381	$ 3,113	0.731381	$ -	$ 3,113	$ -	$ 3,113	$ 3,113	$ 3,424		
11604 - 2	0.731381	$ 406	0.731381	$ -	$ 406	$ -	$ 406	$ 406	$ 447		
11605 - 1	0.731381	$ 15,482	0.731381	$ -	$ 15,482	$ -	$ 15,482	$ 15,482	$ 17,030		
11606 - 1	0.541528	$ 12,535	0.541528	$ -	$ 12,535	$ -	$ 12,535	$ 12,535	$ 13,789		
11326 - 1	0.590961	$ (541)	0.590961	$ -	$ (541)	$ -	$ (541)	$ (541)	$ (5,993)		
11326 - 2	0.590961	$ 18,993	0.590961	$ -	$ 18,993	$ -	$ 18,993	$ 18,993	$ 211,623		
11683 - 1	0.590961	$ 390	0.590961	$ -	$ 390	$ -	$ 390	$ 390	$ 429		
11684 - 1	0.590961	$ 10,644	0.590961	$ -	$ 10,644	$ -	$ 10,644	$ 10,644	$ 11,709		
11686 - 1	0.590961	$ 225,530	0.590961	$ -	$ 225,530	$ -	$ 225,530	$ 225,530	$ 248,083		
11701 - 1	0.269301	$ 38	0.269301	$ -	$ 38	$ -	$ 38	$ 38	$ 41		
Program Total								**$ 2,496,732**	**$ 2,931,738**	**3.23**	**3.17**

Back to Summary

Discount Rate: 7.80%

Overhead Budget:

Total PV Costs UC: Total PV Costs TRC:

Total Benefits UCT: Total Benefits TRC:

					Formula: F + G	formula									formula: O - N	L*K	not used for LIW																															
	paste	paste	paste	paste			paste	paste	paste	paste	paste	paste	formula O - N	L*K	not used for LIW		paste		paste	unsured months	formula: S + U	formula: S + W	paste	paste		formula: Y=(1+Elec DiscountRate)^-1	formula: Z=(1+Elec DiscountRate)^-1	formula: PV(Elec DiscountRate, H, AA)*K	formula: PV(Elec DiscountRate, H, AB)*K										formula: Length to lookup from AC tables and adjust by savings and quantity		formula: Utility Savings (AM)*L1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Measure Incentives per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Agency Incentive	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 Therm	Total First Period Savings	Unit PV Savings for Second Period for 1 Therm	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
G203	Low Income Weatherization	LIW: Carbon Monoxide Detector - SF - SH			0	0.00					$0.00	$0.00						$ -	$ -	$ 313				$ -				$ -																			
G203	Low Income Weatherization	LIW: Sealing - Duct - MH - TG	30		20	0.24	Res Space Heat	4	39		$350.00	$350.00	$ -	158				$ 1,910	$ -	$ 1,910				$ -				$ -		11.536886	$ 1,818	11.536886	$ -	$ 1,818	$ -	$ 1,818	$ 2,000											
G203	Low Income Weatherization	LIW: Sealing - Duct - SF - TG	20		20	1.88	Res Space Heat	41	32		$350.00	$350.00	$ -	1,230				$ 16,197	$ -	$ 16,197				$ -	11.00			$ 4,505	$ -	11.536886	$ 14,190	11.536886	$ -	$ 14,190	$ -	$ 14,190	$ 20,114											
G203	Low Income Weatherization	LIW: Furnace - Replacement - Gas - 95pc - MF - TG	18		18	5.35	Res Space Heat	47	83		$603.00	$603.00	$ -	3,678				$ 34,009	$ -	$ 34,009				$ -				$ -		10.744568	$ 41,662	10.744568	$ -	$ 41,662	$ -	$ 41,662	$ 45,828											
G203	Low Furnace - Replacement - Gas - 95pc - SF - TG		18		18	0.91	Res Space Heat	6	118		$660.00	$660.00	$ -	660				$ 4,982	$ -	$ 4,982				$ -				$ -		10.744568	$ 7,091	10.744568	$ -	$ 7,091	$ -	$ 7,091	$ 7,801											
G203	Low Income Weatherization	LIW: Insulation - Duct - R0 to R11 - MF - TG	30		30	0.62	Res Space Heat	3	0		$2.50	$2.50	$ -	270				$ 4,050	$ -	$ 4,050				$ -				$ -		14.479398	$ 9	14.479398	$ -	$ 9	$ -	$ 9	$ 10											
G203	Low Income Weatherization	LIW: Insulation - Duct - R0 to R11 - SF - TG	30		30	2.66	Res Space Heat	37	0		$2.50	$2.50	$ -	1,108				$ 16,612	$ -	$ 16,612				$ -				$ -		14.479398	$ 107	14.479398	$ -	$ 107	$ -	$ 107	$ 118											
G203	Low Income Weatherization	LIW: Insulation - Floor - R0 to R22 - MH - TG	25		25	0.06	Res Space Heat	3	0		$0.70	$0.70	$ -	31				$ 1,260	$ -	$ 1,260				$ -				$ -		13.202604	$ 1	13.202604	$ -	$ 1	$ -	$ 1	$ 1											
G203	Low Income Weatherization	LIW: Insulation - Floor - R0 to R30 - MH - TG	25		25	0.12	Res Space Heat	3	0		$0.80	$0.80	$ -	60				$ 2,888	$ -	$ 2,888				$ -				$ -		13.202604	$ 2	13.202604	$ -	$ 2	$ -	$ 2	$ 3											
G203	Low Income Weatherization	LIW: Insulation - Floor - R0 to R30 - SF - TG	30		30	2.67	Res Space Heat	33	0		$0.85	$0.85	$ -	1,161				$ 29,612	$ -	$ 29,612				$ -	0.00			$ 8	$ -	14.479398	$ 19	14.479398	$ -	$ 19	$ -	$ 19	$ 29											
G203	Low Insulation - Wall - R0 to R11 - SF - TG		30		30	2.29	Res Space Heat	24	0		$0.85	$0.85	$ -	996				$ 14,027	$ -	$ 14,027				$ -	0.00			$ 8	$ -	14.479398	$ 24	14.479398	$ -	$ 24	$ -	$ 24	$ 35											
G203	Low Income Weatherization	LIW: Insulation - Attic - R0 to R30 - MH - TG	25		25	0.02	Res Space Heat	3	0		$0.70	$0.70	$ -	13				$ 1,050	$ -	$ 1,050				$ -				$ -		13.202604	$ 0	13.202604	$ -	$ 0	$ -	$ 0	$ 0											
G203	Low Income Weatherization	LIW: Insulation - Attic - R0 to R38 - MF - TG	30		30	0.02	Res Space Heat	1	0		$0.95	$0.95	$ -	9				$ 174	$ -	$ 174				$ -				$ -		14.479398	$ 1	14.479398	$ -	$ 1	$ -	$ 1	$ 1											
G203	Low Insulation - Attic - R0 to R38 - SF - TG		30		30	2.54	Res Space Heat	15	0		$0.95	$0.95	$ -	1,104				$ 13,408	$ -	$ 13,408				$ -	0.00			$ 5	$ -	14.479398	$ 20	14.479398	$ -	$ 20	$ -	$ 20	$ 27											
G203	Low Income Weatherization	LIW: Insulation - Attic - R11 to R38 - SF - TG	30		30	1.13	Res Space Heat	25	0		$0.70	$0.70	$ -	493				$ 20,687	$ -	$ 20,687				$ -	0.00			$ 3	$ -	14.479398	$ 7	14.479398	$ -	$ 7	$ -	$ 7	$ 11											
G203	Low Insulation - Shell - MF - TG		10		10	0.05	Res Water Heat	17	6		$25.00	$25.00	$ -	68				$ 510	$ -	$ 510				$ -	11.40			$ 1,314	$ -	4.399998	$ 449	4.399998	$ -	$ 449	$ -	$ 449	$ 449	$ 1,908										
G203	Low Insulation - Shell - MH - TG		25		25	0.09	Res Space Heat	5	0		$0.40	$0.40	$ -	46				$ 2,220	$ -	$ 2,220				$ -	0.00			$ -	$ -	13.202604	$ 1	13.202604	$ -	$ 1	$ -	$ 1	$ 1											
G203	Low Insulation - Shell - SF - TG		20		20	1.74	Res Space Heat	53	0		$0.40	$0.40	$ -	1,139				$ 26,369	$ -	$ 26,369				$ -	0.00			$ 5	$ -	11.536886	$ 12	11.536886	$ -	$ 12	$ -	$ 12	$ 19											
G203	Low Insulation - Water Heater Pipe - MF - TG		15		15	0.02	Res Water Heat	20	1		$5.50	$5.50	$ -	18				$ 110	$ -	$ 110				$ -				$ -	$ -	6.287217	$ 113	6.287217	$ -	$ 113	$ -	$ 113	$ 124											
G203	Low Insulation - Water Heater Pipe - MH - TG		15		15	0.00	Res Water Heat	3	1		$5.50	$5.50	$ -	3				$ 20	$ -	$ 20				$ -				$ -	$ -	6.287217	$ 17	6.287217	$ -	$ 17	$ -	$ 17	$ 19											
G203	Low Insulation - Water Heater Pipe - SF - TG		15		15	0.01	Res Water Heat	14	1		$5.50	$5.50	$ -	13				$ 92	$ -	$ 92				$ -				$ -	$ -	6.287217	$ 79	6.287217	$ -	$ 79	$ -	$ 79	$ 87											
G203	Low Insulation - Attic - R0 to R49 - SF - TG		30		30	0.73	Res Space Heat	3	0		$0.95	$0.95	$ -	318				$ 4,032	$ -	$ 4,032				$ -	0.00			$ 1	$ -	14.479398	$ 4	14.479398	$ -	$ 4	$ -	$ 4	$ 5											
G203	Low Insulation - Attic - R11 to R49 - SF - TG		30		30	0.30	Res Space Heat	6	0		$0.70	$0.70	$ -	129				$ 5,430	$ -	$ 5,430				$ -	0.00			$ 1	$ -	14.479398	$ 2	14.479398	$ -	$ 2	$ -	$ 2	$ 3											
G203	Low Income Weatherization	LIW: Aerator - 1.5 gpm - MF - TG	10		10	0.06	Res Water Heat	37	2		$2.00	$2.00	$ -	74				$ 89	$ -	$ 89				$ -	4.80			$ 1,217	$ -	4.399998	$ 326	4.399998	$ -	$ 326	$ -	$ 326	$ 326	$ 1,575										
G203	Shandrekar Repairs		1		1			1																$ -				$ 57,276.15																				
		Program Total				23.39								13,857	0%	$ 43,500		$ 198,362	$ -	$ 199,385	$ -	$ 242,271	$ 241,414			$ 224,884	$ 227,864	$ 60,288																$ 65,955	$ 79,617	0.29	0.35
																								$ -				$ 53,541																				

Return to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in incentives but use DBtC for Total

Not Used - total only Not used - total only

totals only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
G214	HomePrint	10762 - 2	HMPT: Home Energy Audit - Service Provider - NG	1		1	0.00	Res Space Heat	60	0		$100.00	$100.00	$ -
G214	HomePrint	10762 - 3	HMPT: Home Energy Audit - Service Provider - NG	1		1	0.00	Res Space Heat	910	0		$144.00	$144.00	$ -
G214	HomePrint	10763 - 1	HMPT: Home Energy Audit - CAN - NG	1		1	0.00	Res Space Heat	6	0		$141.00	$141.00	$ -
G214	HomePrint	10763 - 2	HMPT: Home Energy Audit - CAN - NG	1		1	0.00	Res Space Heat	318	0		$121.00	$121.00	$ -
G214	HomePrint	10764 - 2	HMPT: Home Energy Audit - CAN - MH - NG	1		1	0.00	Res Space Heat	3	0		$100.00	$100.00	$ -
G214	HomePrint	10765 - 2	MPT: Home Energy Audit - Service Provider - MH - N	1		1	0.00	Res Space Heat	4	0		$115.00	$115.00	$ -
G214	Single Family Weatherization	10941 - 1	SFWX: Sealing - Duct and Insulation - NG	20		20	0.48	Res Space Heat	155	75		$400.00	$1,000.00	$ 600
G214	Single Family Weatherization	10941 - 2	SFWX: Sealing - Duct and Insulation - NG	20		20	4.03	Res Space Heat	1,293	75		$400.00	$1,000.00	$ 600
G214	Single Family Weatherization	10920 - 1	SFWX: Carbon Monoxide Detector	5		5	0.00	Res Space Heat	88	0		$38.30	$38.30	$ -
G214	Single Family Weatherization	10920 - 2	SFWX: Carbon Monoxide Detector	5		5	0.00	Res Space Heat	725	0		$38.30	$38.30	$ -
G214	HomePrint	10758 - 1	HMPT: Aerator - GWH - 1.0 gpm	10		10	0.01	Res Water Heat	273	2		$0.59	$0.59	$ -
G214	HomePrint	10758 - 2	HMPT: Aerator - GWH - 1.0 gpm	10		10	0.15	Res Water Heat	3,138	2		$0.54	$0.54	$ -
G214	HomePrint	10759 - 1	HMPT: Aerator - GWH - 1.5 gpm	10		10	0.00	Res Water Heat	67	1		$1.54	$1.54	$ -
G214	HomePrint	10759 - 2	HMPT: Aerator - GWH - 1.5 gpm	10		10	0.02	Res Water Heat	616	1		$1.41	$1.41	$ -
G214	HomePrint	10760 - 1	HMPT: Showerhead - Fixed - LB - GWH - 1.5 gpm	10		10	0.06	Res Water Heat	195	16		$3.94	$3.94	$ -
G214	HomePrint	10760 - 2	HMPT: Showerhead - Fixed - LB - GWH - 1.5 gpm	10		10	0.61	Res Water Heat	2,755	11		$3.95	$3.95	$ -
G214	HomePrint	10761 - 1	HMPT: Showerhead - Handheld - LB - GWH - 1.5 gp	10		10	0.08	Res Water Heat	228	16		$9.48	$9.48	$ -
G214	HomePrint	10761 - 2	HMPT: Showerhead - Handheld - LB - GWH - 1.5 gp	10		10	0.67	Res Water Heat	3,052	11		$9.48	$9.48	$ -
G214	Single Family Weatherization	10913 - 1	SFWX: Insulation - Attic - R0 to R49 - NG	30		30	0.58	Res Space Heat	93,521	0		$0.33	$1.12	$ 1
G214	Single Family Weatherization	10913 - 2	SFWX: Insulation - Attic - R0 to R49 - NG	30		30	0.01	Res Space Heat	1,268	0		$0.33	$1.12	$ 1
G214	Single Family Weatherization	10913 - 3	SFWX: Insulation - Attic - R0 to R49 - NG	30		30	3.36	Res Space Heat	538,609	0		$0.33	$1.24	$ 1
G214	Single Family Weatherization	10917 - 1	SFWX: Insulation - Attic - R11 to R49 - NG	30		30	0.10	Res Space Heat	55,073	0		$0.33	$0.98	$ 1
G214	Single Family Weatherization	10917 - 2	SFWX: Insulation - Attic - R11 to R49 - NG	30		30	0.98	Res Space Heat	523,277	0		$0.33	$1.09	$ 1
G214	Single Family Weatherization	10927 - 1	SFWX: Insulation - Floor - R0 to R30 - NG	30		30	0.30	Res Space Heat	118,630	0		$0.11	$1.32	$ 1
G214	Single Family Weatherization	10927 - 3	SFWX: Insulation - Floor - R0 to R30 - NG	30		30	0.01	Res Space Heat	4,090	0		$0.11	$1.32	$ 1
G214	Single Family Weatherization	10927 - 4	SFWX: Insulation - Floor - R0 to R30 - NG	30		30	2.31	Res Space Heat	926,358	0		$0.11	$1.46	$ 1
G214	Single Family Weatherization	10946 - 1	SFWX: Insulation - Wall - R0 to R13 - NG	30		30	0.16	Res Space Heat	27,659	0		$0.22	$1.39	$ 1
G214	Single Family Weatherization	10946 - 2	SFWX: Insulation - Wall - R0 to R13 - NG	30		30	0.91	Res Space Heat	162,118	0		$0.22	$1.54	$ 1
G214	Single Family Weatherization	10908 - 1	SFWX: Sealing - Air - NG	15		15	0.00	Res Space Heat	6,907	0		$0.66	$0.66	$ -
G214	Single Family Weatherization	10908 - 5	SFWX: Sealing - Air - NG	15		15	0.00	Res Space Heat	7,465	0		$0.66	$0.73	$ 0
G214	Single Family Weatherization	10931 - 1	SFWX: Sealing - Air - Attic - NG	30		30	0.03	Res Space Heat	40,977	0		$0.09	$0.20	$ 0
G214	Single Family Weatherization	10931 - 2	SFWX: Sealing - Air - Attic - NG	30		30	0.35	Res Space Heat	559,812	0		$0.09	$0.20	$ 0
G214	Single Family Weatherization	10933 - 1	SFWX: Sealing - Air - Floor - NG	30		30	0.04	Res Space Heat	62,628	0		$0.09	$0.20	$ 0
G214	Single Family Weatherization	10933 - 2	SFWX: Sealing - Air - Floor - NG	30		30	0.58	Res Space Heat	922,706	0		$0.09	$0.20	$ 0
G214	Single Family Weatherization	10943 - 1	SFWX: Sealing - Duct - NG	20		20	0.01	Res Space Heat	5	43		$300.00	$550.00	$ 250
G214	Single Family Weatherization	10943 - 2	SFWX: Sealing - Duct - NG	20		20	0.18	Res Space Heat	100	43		$300.00	$608.58	$ 309
G214	Residential Windows	10708 - 1	Windows - Double Pane - Metal Framed - Low E Sto	20		20	0.01	Res Space Heat	1,242	0		$50.00	$8.94	$ (41)
G214	Residential Windows	10792 - 2	SFWIN: Windows - Double Pane - to U30 - NG	30		30	0.00	Res Space Heat	(140)	0		$4.16	$18.51	$ 14
G214	Residential Windows	10709 - 3	SFWIN: Windows - Single Pane - to U30 - NG	30		30	2.45	Res Space Heat	61,268	1		$50.00	$18.51	$ (31)
G214	Residential Windows	10709 - 4	SFWIN: Windows - Single Pane - to U30 - NG	30		30	5.91	Res Space Heat	148,061	1		$50.00	$20.50	$ (30)
G214	Residential Windows	10721 - 2	SFWIN: Windows - Single Pane - to U30 - NG - MH	25		25	0.02	Res Space Heat	726	0		$50.00	$17.81	$ (32)
			Program Total				**24.41**							

Measure Version	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1
10762 - 2	0			$ 7,860	$ (1,860)	$ 6,000				$ -			
10762 - 3	0			$ 119,210	$ 11,830	$ 131,040				$ -	$ -		
10763 - 1	0			$ 660	$ 186	$ 846				$ -			
10763 - 2	0			$ 34,980	$ 3,498	$ 38,478				$ -	$ -		
10764 - 2	0			$ 270	$ 30	$ 300				$ -	$ -		
10765 - 2	0			$ 420	$ 40	$ 460				$ -	$ -		
10941 - 1	11,625			$ 60,740	$ 94,260	$ 155,000				$ 11.00			
10941 - 2	96,975			$ 505,474	$ 787,526	$ 1,293,000				$ -	$ -		
10920 - 1	0			$ -	$ 3,370	$ 3,370				$ 7.66			
10920 - 2	0			$ -	$ 27,767	$ 27,767				$ -	$ -		
10758 - 1	587			$ 134	$ 27	$ 161				$ 2.36			
10758 - 2	7,437			$ 1,405	$ 289	$ 1,695				$ 2.36			
10759 - 1	84			$ 86	$ 17	$ 103				$ 2.36			
10759 - 2	850			$ 743	$ 126	$ 869				$ 2.36			
10760 - 1	3,120			$ 702	$ 66	$ 768				$ 20.53			
10760 - 2	29,231			$ 8,842	$ 2,040	$ 10,882				$ 20.53			
10761 - 1	3,648			$ 1,974	$ 187	$ 2,161				$ 20.53			
10761 - 2	32,382			$ 23,449	$ 5,483	$ 28,933				$ 20.53			
10913 - 1	9,352			$ 45,291	$ 59,452	$ 104,744				$ 0.03			
10913 - 2	157			$ 896	$ 524	$ 1,420				$ 0.03			
10913 - 3	53,861			$ 281,334	$ 386,541	$ 667,875							
10917 - 1	1,652			$ 25,916	$ 28,056	$ 53,972				$ 0.01			
10917 - 2	15,698			$ 241,205	$ 329,167	$ 570,372							
10927 - 1	4,745			$ 19,975	$ 136,617	$ 156,592				$ 0.01			
10927 - 3	200			$ 800	$ 4,599	$ 5,399				$ 0.01			
10927 - 4	37,054			$ 156,752	$ 1,195,731	$ 1,352,483							
10946 - 1	2,489			$ 11,662	$ 26,784	$ 38,446				$ 0.03			
10946 - 2	14,591			$ 69,694	$ 179,968	$ 249,662							
10908 - 1	138			$ 1,750	$ 2,809	$ 4,559				$ 0.01			
10908 - 5	149			$ 2,768	$ 2,681	$ 5,449							
10931 - 1	410			$ 3,447	$ 4,748	$ 8,195				$ -			
10931 - 2	5,598			$ 45,318	$ 66,644	$ 111,962				$ -	$ -		
10933 - 1	626			$ 5,272	$ 7,253	$ 12,526				$ -			
10933 - 2	9,227			$ 71,757	$ 112,785	$ 184,541				$ -	$ -		
10943 - 1	213			$ 1,245	$ 1,505	$ 2,750				$ -			
10943 - 2	4,250			$ 28,733	$ 32,125	$ 60,858				$ -	$ -		
10708 - 1	236			$ 3,100	$ 8,003	$ 11,103				$ 0.07			
10792 - 2	-45			$ (750)	$ (11,484)	$ (12,234)							
10709 - 3	39,212			$ 154,650	$ 979,427	$ 1,134,077				$ 0.23			
10709 - 4	94,759			$ 403,450	$ 2,631,808	$ 3,035,258				$ 0.24	$ -		
10721 - 2	290			$ 2,000	$ 10,923	$ 12,923				$ 0.09	$ -		
Program Total	**480,803**	**0%**	**$ 365,099**	**$ 2,503,249**	**$ 7,131,549**	**$ 9,474,765**	**$ -**	**$ 2,868,348**	**$ 9,839,864**			**$ 2,661,546**	**$ 9,130,430**

Measure Version	PV Total Non-Energy Benefits	PV Total Net Euipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10762 - 2	$ -	$ -	0.616560	$ -	0.616560	$ -	$ -	$ -	$ -	$ -	$ -		
10762 - 3	$ -	$ -	0.616560	$ -	0.616560	$ -	$ -	$ -	$ -	$ -	$ -		
10763 - 1	$ -	$ -	0.616560	$ -	0.616560	$ -	$ -	$ -	$ -	$ -	$ -		
10763 - 2	$ -	$ -	0.616560	$ -	0.616560	$ -	$ -	$ -	$ -	$ -	$ -		
10764 - 2	$ -	$ -	0.616560	$ -	0.616560	$ -	$ -	$ -	$ -	$ -	$ -		
10765 - 2	$ -	$ -	0.616560	$ -	0.616560	$ -	$ -	$ -	$ -	$ -	$ -		
10941 - 1	$ 17,030	$ -	11.536986	$ 134,117	11.536986	$ -	$ 134,117	$ -	$ 134,117	$ 134,117	$ 164,560		
10941 - 2	$ -	$ -	11.536986	$ 1,118,799	11.536986	$ -	$ 1,118,799	$ -	$ 1,118,799	$ 1,118,799	$ 1,230,679		
10920 - 1	$ 2,708	$ -	3.491948	$ -	3.491948	$ -	$ -	$ -	$ -	$ -	$ 2,708		
10920 - 2	$ -	$ -	3.491948	$ -	3.491948	$ -	$ -	$ -	$ -	$ -	$ -		
10758 - 1	$ 4,368	$ -	4.399998	$ 2,583	4.399998	$ -	$ 2,583	$ -	$ 2,583	$ 2,583	$ 7,209		
10758 - 2	$ 50,212	$ -	4.399998	$ 32,723	4.399998	$ -	$ 32,723	$ -	$ 32,723	$ 32,723	$ 86,208		
10759 - 1	$ 1,072	$ -	4.399998	$ 371	4.399998	$ -	$ 371	$ -	$ 371	$ 371	$ 1,481		
10759 - 2	$ 9,857	$ -	4.399998	$ 3,740	4.399998	$ -	$ 3,740	$ -	$ 3,740	$ 3,740	$ 13,971		
10760 - 1	$ 27,144	$ -	4.399998	$ 13,728	4.399998	$ -	$ 13,728	$ -	$ 13,728	$ 13,728	$ 42,245		
10760 - 2	$ 383,492	$ -	4.399998	$ 128,614	4.399998	$ -	$ 128,614	$ -	$ 128,614	$ 128,614	$ 524,968		
10761 - 1	$ 31,737	$ -	4.399998	$ 16,051	4.399998	$ -	$ 16,051	$ -	$ 16,051	$ 16,051	$ 49,394		
10761 - 2	$ 424,834	$ -	4.399998	$ 142,480	4.399998	$ -	$ 142,480	$ -	$ 142,480	$ 142,480	$ 581,562		
10913 - 1	$ 32,283	$ -	14.478398	$ 135,403	14.478398	$ -	$ 135,403	$ -	$ 135,403	$ 135,403	$ 181,227		
10913 - 2	$ 438	$ -	14.478398	$ 2,203	14.478398	$ -	$ 2,203	$ -	$ 2,203	$ 2,203	$ 2,861		
10913 - 3	$ -	$ -	14.478398	$ 779,820	14.478398	$ -	$ 779,820	$ -	$ 779,820	$ 779,820	$ 857,802		
10917 - 1	$ 6,337	$ -	14.478398	$ 23,921	14.478398	$ -	$ 23,921	$ -	$ 23,921	$ 23,921	$ 32,650		
10917 - 2	$ -	$ -	14.478398	$ 227,286	14.478398	$ -	$ 227,286	$ -	$ 227,286	$ 227,286	$ 250,015		
10927 - 1	$ 13,650	$ -	14.478398	$ 68,703	14.478398	$ -	$ 68,703	$ -	$ 68,703	$ 68,703	$ 89,223		
10927 - 3	$ 471	$ -	14.478398	$ 2,961	14.478398	$ -	$ 2,961	$ -	$ 2,961	$ 2,961	$ 3,728		
10927 - 4	$ -	$ -	14.478398	$ 536,487	14.478398	$ -	$ 536,487	$ -	$ 536,487	$ 536,487	$ 590,136		
10946 - 1	$ 9,548	$ -	14.478398	$ 36,041	14.478398	$ -	$ 36,041	$ -	$ 36,041	$ 36,041	$ 49,193		
10946 - 2	$ -	$ -	14.478398	$ 211,249	14.478398	$ -	$ 211,249	$ -	$ 211,249	$ 211,249	$ 232,374		
10908 - 1	$ 600	$ -	9.406557	$ 1,299	9.406557	$ -	$ 1,299	$ -	$ 1,299	$ 1,299	$ 2,029		
10908 - 5	$ -	$ -	9.406557	$ 1,404	9.406557	$ -	$ 1,404	$ -	$ 1,404	$ 1,404	$ 1,545		
10931 - 1	$ -	$ -	14.478398	$ 5,933	14.478398	$ -	$ 5,933	$ -	$ 5,933	$ 5,933	$ 6,526		
10931 - 2	$ -	$ -	14.478398	$ 81,052	14.478398	$ -	$ 81,052	$ -	$ 81,052	$ 81,052	$ 89,157		
10933 - 1	$ -	$ -	14.478398	$ 9,068	14.478398	$ -	$ 9,068	$ -	$ 9,068	$ 9,068	$ 9,974		
10933 - 2	$ -	$ -	14.478398	$ 133,593	14.478398	$ -	$ 133,593	$ -	$ 133,593	$ 133,593	$ 146,952		
10943 - 1	$ -	$ -	11.536986	$ 2,452	11.536986	$ -	$ 2,452	$ -	$ 2,452	$ 2,452	$ 2,697		
10943 - 2	$ -	$ -	11.536986	$ 49,032	11.536986	$ -	$ 49,032	$ -	$ 49,032	$ 49,032	$ 53,935		
10708 - 1	$ 868	$ -	11.536986	$ 2,722	11.536986	$ -	$ 2,722	$ -	$ 2,722	$ 2,722	$ 3,863		
10792 - 2	$ -	$ -	14.478398	$ (649)	14.478398	$ -	$ (649)	$ -	$ (649)	$ (649)	$ (713)		
10709 - 3	$ 162,147	$ -	14.478398	$ 567,723	14.478398	$ -	$ 567,723	$ -	$ 567,723	$ 567,723	$ 786,642		
10709 - 4	$ 408,882	$ -	14.478398	$ 1,371,962	14.478398	$ -	$ 1,371,962	$ -	$ 1,371,962	$ 1,371,962	$ 1,918,041		
10721 - 2	$ 672	$ -	13.202604	$ 3,832	13.202604	$ -	$ 3,832	$ -	$ 3,832	$ 3,832	$ 4,887		
Program Total	**$ 1,588,350**									**$ 5,846,706**	**$ 8,019,727**	**2.20**	**0.88**

Back to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in DEMAND Rate DSM Cost for Excel

Not Used - total only Not used - total only

Total Benefits UCT - Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Eeiement O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscoted Total	Discement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
				paste	paste	paste	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used		paste	formula v-t	paste	unused mosdy	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate) -1	formula: V/(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR								formula: Logic to lookup from AC tables and adjust	formula: Utility Savings (AF)*L1+AD+ΔE	formula: AM/AB	formula: AN/AC
G214	Natural Gas Home Heating	118867 - 1	SFGH: Integrated Space and Water Heating	18		18	0.39	Res Space Heat	85	173		$600.00	$1,539.00	$ 726	14,705			$ 68,000	$ 61,710	$ 129,710				$ -	$ -	$ -	$ -	$ -	$ -	10.74456$	$ 157,868.87	10.74456$	$ -	$ 157,999	$ -	$ 157,999	$ 157,999	$ 173,799		
G214	Natural Gas Home Heating	118895 - 1	SFGH: Gas Fireplace - High Efficiency	20		20	1.77	Res Space Heat	815	72		$200.00	$562.00	$ 360	59,832			$ 166,200	$ 300,622	$ 467,022				$ -	$ -	$ -	$ -	$ -	$ -	11.53698$	$ 690,281	11.53698$	$ -	$ 690,281	$ -	$ 690,281	$ 690,281	$ 759,309		
G214	Natural Gas Home Heating	118866 - 1	SFGH: Gas Furnace - 95pc	18		18	0.04	Res Space Heat	16	110		$250.00	$603.00	$ 363	1,650			$ 3,750	$	$ 6,045				$ -	$ -	$ -	$ -	$ -	$ -	10.74456$	$ 17,729	10.74456$	$ -	$ 17,729	$ -	$ 17,729	$ 17,729	$ 19,501		
G214	Natural Gas Home Heating	118866 - 2	SFGH: Gas Furnace - 95pc	18		18	15.77	Res Space Heat	5,356	110		$250.00	$603.00	$ 253	589,450			$ 1,888,250		$ 3,253,185				$ -	$ -	$ -	$ -	$ -	$ -	10.74456$	$ 6,376,364	10.74456$	$ -	$ 6,376,364	$ -	$ 6,376,364	$ 6,376,364	$ 7,014,000		
G214	Natural Gas Home Heating	118866 - 3	SFGH: Gas Furnace - 95pc	18		18	0.02	Res Space Heat	6	72		$200.00	$603.00	$ 253	440			$ 2,100		$ 3,618				$ -	$ -	$ -	$ -	$ -	$ -	10.74456$	$ 4,642	10.74456$	$ -	$ 4,642	$ -	$ 4,642	$ 4,642	$ 5,106		
G214	Natural Gas Home Heating	118854 - 1	SFGH: Boiler - Energy Star Qualified - 95pc AFUE	20		20	0.21	Res Space Heat	61	119		$250.00	$1,303.00	$ 1,043	7,259			$ 21,350		$ 94,973				$ -	$ -	$ -	$ -	$ -	$ -	11.53698$	$ 83,747	11.53698$	$ -	$ 83,747	$ -	$ 83,747	$ 83,747	$ 92,122		
			Programs Total				**18.29**								**677,256**	**0%**	**$ 253,877**	**$ 2,149,450**	**$ 362,332**	**$ 3,947,633**	**$ -**	**$ 2,495,127**	**$ 4,203,238**			**$ 2,231,721**	**$ 1,900,186**	**$ -**									**$ 7,338,763**	**$ 8,063,837**	**3.28**	**2.07**

Go to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in Incentive Budget Other Info Here

Not Used - total only Not used - total only

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	Formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
G214	Retail Showerheads	100416 - 1	RETSH: Adapter - ShowerSart - GO	10		10	0.00	Res Water Heat	1	4		$10.00	$30.00	$ 20	9			$ 30	$ 5	$ 35				$ -	
G215	Retail Showerheads	100416 - 2	RETSH: Adapter - ShowerSart - GO	10		10	0.00	Res Water Heat	4	2		$10.00	$15.98	$ 6	7			$ 135	$ (71)	$ 64				$ 4.75	
G216	Retail Showerheads	101119 - 1	RETSH: Adapter - ShowerSart - C	10		10	0.00	Res Water Heat	7	5		$5.00	$15.00	$ 10	35			$ 53	$ 53	$ 105				$ -	
G217	Retail Showerheads	101119 - 2	RETSH: Adapter - ShowerSart - C	10		10	0.00	Res Water Heat	73	1		$3.50	$7.98	$ 4	80			$ 404	$ 177	$ 581				$ -	
G218	Retail Showerheads	101441 - 1	RETSH: Aerator - WaterSense - C - Any WH - 1.0 gpm	10		10	1.11	Res Water Heat	20,920	1		$0.30	$1.00	$ 1	24,485			$ 2,994	$ 17,925	$ 20,920				$ 8.82	
G219	Retail Showerheads	101442 - 1	RETSH: Aerator - WaterSense - GO - Any WH - 1.0 gp	10		10	0.79	Res Water Heat	14,930	1		$0.00	$0.00	$ -	17,626			$ 14,496	$ 14,164	$ 28,659				$ 6.62	
G220	Retail Showerheads	101444 - 1	RETSH: Aerator - WaterSense - C - Any WH - 1.5 gp	10		10	0.19	Res Water Heat	6,227	1		$0.30	$1.00	$ 1	4,299			$ 1,663	$ 4,564	$ 6,227				$ 3.97	
G221	Retail Showerheads	101445 - 1	RETSH: Aerator - WaterSense - GO - Any WH - 1.5 gp	10		10	0.23	Res Water Heat	7,165	1		$2.00	$2.00	$ -	5,159			$ 14,687	$ (587)	$ 14,100				$ 3.97	
G222	Retail Showerheads	102381 - 1	SH: Faucet - WaterSense - C - Any WH - 1.5 gpm or	10		10	0.07	Res Water Heat	2,267	1		$3.50	$10.00	$ 7	1,564			$ 3,476	$ 19,195	$ 22,670				$ 3.97	
G223	Retail Showerheads	102026 - 2	TSH: Showerhead - Retail - C - Any WH - 1.5 gpm or	10		10	0.41	Res Water Heat	5,779	5		$4.00	$12.00	$ 8	6,074			$ 7,920	$ 13,850	$ 21,770				$ 19.51	
G224	Retail Showerheads	102026 - 3	TSH: Showerhead - Retail - C - Any WH - 1.5 gpm or	10		10	1.48	Res Water Heat	6,863	5		$4.00	$12.29	$ 9	32,932			$ 19,928	$ 71,252	$ 91,180				$ 29.00	
G225	Retail Showerheads	102027 - 2	SH: Showerhead - Retail - C - Any WH - 1.51 to 1.75	10		10	0.00	Res Water Heat	1	4		$4.00	$12.00	$ 8	4			$ 4	$ 8	$ 12				$ 14.00	
G226	Retail Showerheads	102027 - 3	SH: Showerhead - Retail - C - Any WH - 1.51 to 1.75	10		10	0.79	Res Water Heat	4,941	4		$4.00	$12.29	$ 9	17,639			$ 12,026	$ 49,652	$ 61,678				$ 21.00	
G227	Retail Showerheads	102028 - 2	TSH: Showerhead - Retail - C - Any WH - 1.76 to 2.0	10		10	0.14	Res Water Heat	1,127	3		$4.00	$12.00	$ 8	2,352			$ 9,376	$ 10,386	$ 19,762				$ 13.17	
G228	Retail Showerheads	102028 - 3	TSH: Showerhead - Retail - C - Any WH - 1.76 to 2.0	10		10	2.29	Res Water Heat	18,246	3		$4.00	$12.29	$ 9	51,089			$ 47,290	$ 195,200	$ 242,491				$ 15.00	
G229	Retail Showerheads	102032 - 1	SH: Showerhead - Retail - GO - Any WH - 1.5 gpm or	10		10	0.13	Res Water Heat	598	5		$10.00	$24.00	$ 14	2,857			$ 4,104	$ 8,808	$ 12,912				$ 18.51	
G230	Retail Showerheads	102032 - 2	SH: Showerhead - Retail - GO - Any WH - 1.5 gpm or	10		10	2.38	Res Water Heat	6,745	5		$10.00	$26.29	$ 17	52,749			$ 38,288	$ 141,002	$ 179,291				$ 20.00	
G231	Retail Showerheads	102033 - 2	SH: Showerhead - Retail - GO - Any WH - 1.76 to 2.0	10		10	0.00	Res Water Heat	2	5		$10.00	$26.58	$ 17	77			$ 60	$ 13	$ 73				$ 19.07	
G232	Retail Showerheads	102034 - 1	SH: Showerhead - Retail - GO - Any WH - 1.76 to 2.0	10		10	0.00	Res Water Heat	5	3		$10.00	$24.00	$ 14	18			$ 74	$ 62	$ 136				$ 10.17	
G233	Retail Showerheads	101924 - 2	TSH: Showerhead - Retail - GO - Any WH - 1.76 to 2.0	10		10	0.02	Res Water Heat	2	3		$10.00	$26.29	$ 17	37			$ 131	$ 17	$ 148				$ 10.17	
G234	Retail Showerheads	101120 - 2	RETSH: Showerhead - ShowerSart - C - 1.5 gpm or	10		10	0.00	Res Water Heat	1	2		$3.50	$8.43	$ 5	1			$ 1	$ 4	$ 5				$ 33.62	
			Program Total			**19.49**									**223,168**		**0%**	**$ 596,168**	**$ 331,852**	**$ 548,529**	**$ 718,433**	**$ -**	**$ 438,022**	**$ 824,603**	

paste	Total PV Non-Energy Benefits formula: U/(1+Elec Discount Rate)	Total PV Energy Bills formula: V/(1+Elec Discount Rate)	formula: PV(Elec Discount Rat	formula: PV(Elec Discount R																			
Sch. No.	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscited Total	Discement	Final UC Total Savings	Total Benefits UCT - Total Benefits TRC formula: Logic in lookup from AC tables and adjust	PV Total Savings UC	Total Benefits UCT - Total Benefits TRC formula: Utility Savings (AF)*(1.1+AD+AE	PV Total Savings TRC	formula: AN/AB UC B/C Ratio	formula: AN/AC TRC B/C Ratio
G214			$ -	$ -	4.399998	$ 41.49	4.399998	$ -	$ 41	$ -	$ 41	$ 41	$ 41	$ 46			
G215			$ 126	$ -	4.399998	$ 31	4.399998	$ -	$ 31	$ -	$ 31	$ 31	$ 31	$ 164			
G216			$ -	$ -	4.399998	$ 152	4.399998	$ -	$ 152	$ -	$ 152	$ 152	$ 152	$ 188			
G217			$ -	$ -	4.399998	$ 352	4.399998	$ -	$ 352	$ -	$ 352	$ 352	$ 352	$ 387			
G218			$ 967,393	$ -	4.399998	$ 108,615	4.399998	$ -	$ 108,615	$ -	$ 108,615	$ 108,615	$ 108,615	$ 1,086,930			
G219			$ 962,820	$ -	4.399998	$ 77,552	4.399998	$ -	$ 77,552	$ -	$ 77,552	$ 77,552	$ 77,552	$ 747,027			
G220			$ 167,606	$ -	4.399998	$ 18,504	4.399998	$ -	$ 18,504	$ -	$ 18,504	$ 18,504	$ 18,504	$ 188,400			
G221			$ 592,994	$ -	4.399998	$ 22,689	4.399998	$ -	$ 22,689	$ -	$ 22,689	$ 22,689	$ 22,689	$ 217,633			
G222			$ 61,022	$ -	4.399998	$ 6,883	4.399998	$ -	$ 6,883	$ -	$ 6,883	$ 6,883	$ 6,883	$ 68,591			
G223			$ 228,112	$ -	4.399998	$ 39,926	4.399998	$ -	$ 39,926	$ -	$ 39,926	$ 39,926	$ 39,926	$ 272,040			
G224			$ 1,209,474	$ -	4.399998	$ 144,901	4.399998	$ -	$ 144,901	$ -	$ 144,901	$ 144,901	$ 144,901	$ 1,368,980			
G225			$ 101	$ -	4.399998	$ 17	4.399998	$ -	$ 17	$ -	$ 17	$ 17	$ 17	$ 120			
G226			$ 660,802	$ -	4.399998	$ 77,596	4.399998	$ -	$ 77,596	$ -	$ 77,596	$ 77,596	$ 77,596	$ 746,158			
G227			$ 79,082	$ -	4.399998	$ 13,120	4.399998	$ -	$ 13,120	$ -	$ 13,120	$ 13,120	$ 13,120	$ 93,514			
G228			$ 1,855,700	$ -	4.399998	$ 224,792	4.399998	$ -	$ 224,792	$ -	$ 224,792	$ 224,792	$ 224,792	$ 2,102,971			
G229			$ 68,578	$ -	4.399998	$ 12,570	4.399998	$ -	$ 12,570	$ -	$ 12,570	$ 12,570	$ 12,570	$ 82,805			
G230			$ 1,189,109	$ -	4.399998	$ 232,093	4.399998	$ -	$ 232,093	$ -	$ 232,093	$ 232,093	$ 232,093	$ 1,444,412			
G231			$ 392	$ -	4.399998	$ 76	4.399998	$ -	$ 76	$ -	$ 76	$ 76	$ 76	$ 476			
G232			$ 350	$ -	4.399998	$ 68	4.399998	$ -	$ 68	$ -	$ 68	$ 68	$ 68	$ 465			
G233			$ 7,478	$ -	4.399998	$ 1,453	4.399998	$ -	$ 1,453	$ -	$ 1,453	$ 1,453	$ 1,453	$ 9,931			
G234			$ 29	$ -	4.399998	$ 29	4.399998	$ -	$ 29	$ -	$ 29	$ 29	$ 29	$ 200			
			$ 496,461	**$ 765,151**	**$ 7,311,458**							**$ 981,983**	**$ 8,431,115**	**2.42**	**11.02**		

Back to Summary

Discount Rate 7.80%

Overhead Budget

Paste in incentives that are DIRECT for Retrofit

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscited Total	Discement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
		paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	Formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula P*K	paste	unused mostly	Formula: S + T	Formula: S + V	paste	paste	Total PV Utility Program Costs formula: U/(1+ElecDiscountRate) -1	Total PV Resource Costs formula: V/(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR						Total Benefits UC1 - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings (AF)*(1-AI)+AE-	formula: AM/AB	formula: AN/AC
G214	Retail Appliances	10611 - 1	ashes Washer - CEE Tier 1 - Any WH - Any Dryer - H	14		14	0.05	Res Water Heat	65	1		$ 0.00	$ 0.00	$ -	100			$ -	$ -	$ -		$ -	$ -	$ 16.18				$ 11.221	$ -	5.940754	$ 591.70	5.940754	$ -	$ 592	$ -	$ 592	$ 592	$ 11,672		
G214	Retail Appliances	10613 - 1	ashes Washer - CEE Tier 1 - Any WH - Any Dryer - T	14		14	0.04	Res Water Heat	54	1		$ 0.00	$ 0.00	$ -	85			$ -	$ -	$ -		$ -	$ -	$ 8.37				$ 5.005	$ -	5.940754	$ 503	5.940754	$ -	$ 503	$ -	$ 503	$ 503	$ 5,556		
G214	Retail Appliances	10615 - 1	NF: Clothes Washer - CEE Tier 2 - Any WH - Any Dry	14		14	0.27	Res Water Heat	267	2		$ 0.00	$ 0.00	$ -	507			$ -	$ -	$ -				$ 20.31				$ 45.335	$ -	5.940754	$ 3.014	5.940754	$ -	$ 3.014	$ -	$ 3.014	$ 3.014	$ 48,625		
G214	Retail Appliances	10617 - 1	NF: Clothes Washer - CEE Tier 3 - Any WH - Any Dry	14		14	0.46	Res Water Heat	437	2		$ 0.00	$ 0.00	$ -	874			$ -						$ 22.69				$ 82.110	$ -	5.940754	$ 5.192	5.940754	$ -	$ 5.192	$ -	$ 5.192	$ 5.192	$ 87,831		
G214	Retail Appliances	10910 - 1	NF: Clothes Washer - Energy Star - Any WH - Any Dr	14		14	2.71	Res Water Heat	6,019	1		$ 0.00	$ 0.00	$ -	5,176			$ -						$ 11.61				$ 583.880	$ -	5.940754	$ 30.752	5.940754	$ -	$ 30.752	$ -	$ 30.752	$ 30.752	$ 617,718		
G214	Appliance Decommissioning	10769 - 1	PO: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.19	Res Water Heat	432	1		$ 0.30	$ 1.00	$ -	510			$ 106	$ -					$ 6.62				$ 19.976	$ -	4.999998	$ 2.243	4.999998	$ -	$ 2.243	$ -	$ 2.243	$ 2.243	$ 22,443		
G214	Appliance Decommissioning	10769 - 2	PO: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	1.78	Res Water Heat	4,040	1		$ 0.30	$ 1.00	$ -	4,767			$ 990	$ -					$ 6.62				$ 186.815	$ -	4.999998	$ 20.976	4.999998	$ -	$ 20.976	$ -	$ 20.976	$ 20.976	$ 209,888		
G214	Appliance Decommissioning	10771 - 1	O: Aerator - Kitchen - Engagement - C - Any WH - 1.0	10		10	0.06	Res Water Heat	216	1		$ 0.30	$ 1.00	$ -	149			$ 41	$ -					$ 3.97				$ 5.814	$ -	4.999998	$ 656	4.999998	$ -	$ 656	$ -	$ 656	$ 656	$ 6,538		
G214	Appliance Decommissioning	10771 - 2	O: Aerator - Kitchen - Engagement - C - Any WH - 1.0	10		10	0.52	Res Water Heat	2,025	1		$ 0.30	$ 1.00	$ -	1,394			$ 384	$ -					$ 3.97				$ 54.374	$ -	4.999998	$ 6.133	4.999998	$ -	$ 6.133	$ -	$ 6.133	$ 6.133	$ 61,120		
G214	Appliance Replacement	10779 - 1	NF: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.19	Res Water Heat	432	1		$ 0.30	$ 1.00	$ -	510			$ 14	$ -					$ 6.62				$ 19.976	$ -	4.999998	$ 2.243	4.999998	$ -	$ 2.243	$ -	$ 2.243	$ 2.243	$ 22,443		
G214	Appliance Replacement	10779 - 2	NF: Aerator - Bath - Engagement - C - Any WH - 1.0	10		10	0.18	Res Water Heat	414	1		$ 0.30	$ 1.00	$ -	489			$ 13	$ -					$ 6.62				$ 19.144	$ -	4.999998	$ 2.149	4.999998	$ -	$ 2.149	$ -	$ 2.149	$ 2.149	$ 21,508		
G214	Appliance Replacement	10779 - 1	O: Aerator - Kitchen - Engagement - C - Any WH - 1.0	10		10	0.06	Res Water Heat	36	1		$ 0.30	$ 1.00	$ -	66			$ 18	$ -					$ 3.97				$ 2.584	$ -	4.999998	$ 291	4.999998	$ -	$ 291	$ -	$ 291	$ 291	$ 2,875		
G214	Appliance Replacement	10779 - 2	O: Aerator - Kitchen - Engagement - C - Any WH - 1.0	10		10	0.05	Res Water Heat	252	1		$ 0.30	$ 1.00	$ -	143			$ 38	$ -					$ 3.97				$ 5.572	$ -	4.999998	$ 628	4.999998	$ -	$ 628	$ -	$ 628	$ 628	$ 6,263		
G214	Appliance Decommissioning	10116 - 3	AFFO: Showerhead - Engagement - C - 1.5 gpm	10		10	0.40	Res Water Heat	216	5		$3.33	$3.33	$ -	1,080			$ 294	$ -					$ 21.00				$ 267.618	$ -	4.999998	$ 4.752	4.999998	$ -	$ 4.752	$ -	$ 4.752	$ 4.752	$ 47,527		
G214	Appliance Decommissioning	10116 - 4	AFFO: Showerhead - Engagement - C - 1.5 gpm	10		10	3.61	Res Water Heat	2,025	5		$3.33	$3.33	$ -	9,666			$ 2,747	$ -					$ 21.00				$ 2.507.618	$ -	4.999998	$ 42.862	4.999998	$ -	$ 42.862	$ -	$ 42.862	$ 42.862	$ 534,547		
G214	Appliance Replacement	10111 - 3	AFFR: Showerhead - Engagement - C - 1.5 gpm	10		10	0.18	Res Water Heat	36	5		$3.33	$3.33	$ -	480			$ 292	$ -					$ 21.00				$ 29.414	$ -	4.999998	$ 2.112	4.999998	$ -	$ 2.112	$ -	$ 2.112	$ 2.112	$ 24,293		
G214	Appliance Replacement	10111 - 4	AFFR: Showerhead - Engagement - C - 1.5 gpm	10		10	0.17	Res Water Heat	252	5		$3.33	$3.33	$ -	364			$ 625	$ -					$ 21.00				$ 29.414	$ -	4.999998	$ 4.372	4.999998	$ -	$ 4.372	$ -	$ 4.372	$ 4.372	$ 34,293		
			Program Total			**11.01**									**26,715**	**0%**	$ -	$ -	$ -	$ -	$ -	$ -	$ -			$ -	$ -	$ -		$ -						**$ 125,823**	**$ 1,488,417**	**0.00**	**0.00**

Go to Summary

Discount Rate 7.80%

Overhead Budget

Not Used - total only Not used - total only

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 50/52 Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
G214	Web Enabled Thermostats	107377 - 1	WET: Thermostat - Web Enabled - Retail - Therm	20		20	2.52	Res Space Heat	2,041	27		$75.00	$187.26	$ 112	34,697			$ 153,200	$ 229,181	$ 382,381					
G214	Web Enabled Thermostats	107377 - 2	WET: Thermostat - Web Enabled - Retail - Therm	20		20	17.48	Res Space Heat	6,694	36		$75.00	$187.26	$ 112	241,058			$ 703,625	$ 550,871	$ 1,254,496					
Program Total							**26.00**								**275,755**	**0%**	**$ 77,215**	**$ 1,143,917**	**$ 780,052**	**$ 1,636,877**	**$ -**	**$ 1,221,274**	**$ 1,714,192**		

Total Benefits UCT - Total Benefits TRC

Sch. No.	Order Number - Program Name	Total Resource Cost formula: U/(1+ElecDiscountRate)^t-1	Total Resource Cost formula: V/(1+ElecDiscountRate)^t-1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Enjoyment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscounted Total	Discrement	Final UC Total Savings	Total Benefits UCT - Total Benefits TRC formula: Logic in lookup from AC tables and adjust	PV Total Savings UC	PV Total Savings TRC formula: Utility Savings - (AP)*L1+AD+AE	formula: AM/AB	formula: AN/AC
G214	Web Enabled Thermostats			$ -	$ -			$ -	$ -	11.536986	$ 400,298.79	11.536986	$ -	$ 400,298	$ -	$ 400,298	$ 400,298	$ 440,326			
G214	Web Enabled Thermostats			$ -	$ -			$ -	$ -	11.536986	$ 2,781,050.60	11.536986	$ -	$ 2,781,060	$ -	$ 2,781,060	$ 2,781,060	$ 3,059,166			
Program Total		**$ 1,113,351**	**$ 1,596,665**	**$ -**													**$ 3,181,358**	**$ 3,499,494**	**2.81**	**2.20**

Go to Summary

Discount Rate 7.80%

Overhead Dollars:

Paste in incentives that are DIRC for Total

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unedjusted Total	Discount	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
				paste	paste	paste	paste	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Utility Costs formula: U/(1+ElecDiscountRate) -1	Total PV Resource Costs formula: V/(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR							Total Benefits UC1 - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings (AF)*(1.1+AD+AE	formula: AM/AB	formula: AN/AC	
G215	SPNC Gas		Tracking	36	6	36	36	SP Space Heat	0	0	0	$0.00	$0.00	$ -	0											$ -	$ -	$ -	$ -								$ -	$ -		
			Premise Total				**36.00**								**0**	**0%**	**$ - 21,931**	**$ -**	**$ -**	**$ -**	**$ -**	**$ - 21,931**	**$ -**			**$ - 21,931**	**$ - 21,931**	**$ -**	**$ -**								**$ -**	**$ -**	**0.00**	**0.00**

Go to Summary

Discount Rate 7.80%

Overhead Dollars:

Paste in incentives that are DIRECT for Excel

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscounted Total	Discounted	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
				paste	paste	paste	paste		paste	paste	paste	paste	paste	paste	Paste	Paste - Not Used	formula: R * SB52 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Benefits UC formula: U/(1+ElecDiscountRate) -1	Total PV Benefits TRC formula: V/(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR									Total Benefits UC1 - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings - (AF)*L1+AD+ AE	formula: AM/AB	formula: AN/AC
5214	Home Energy Reports	101/22 - 3	HER: Home Energy Report - Original - G	2		2	2.00	Res Water Heat	16,000	0		$0.88	$0.88	$ -	0			$ 14,080	$ -	$ 14,080	$ -	$ 1,976	$ 16,016			$ 1,797	$ 14,062	$ -	$ -	0.545253	$ -	0.545253	$ -	$ -	$ -	$ -	$ -	$ -	0.00	0.00
			Program Total				**2.00**								**0**	**0%**	**$ 1,976**	**$ -**	**$ -**																					

Go to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in incentives for non DSM, Gas, Water

Not Used - total only Not used - total only

Total Prog Cost = formula: U/(1+ElecDiscountRate)^t-1 Total Prog Cost = formula: V/(1+ElecDiscountRate)^t-1 formula: PV(ElecDiscountRat formula: PV(ElecDiscountR

Total Benefits UCT - Total Benefits TRC = formula: Logic to lookup from AC tables and adjust

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unidentified Total	Document	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
		paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula G - N	Paste	Paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste														formula: AC/AE	formula: AN/AE
G217	Multi Family Retrofit	113688 - 2	MFRT - Integrated Space and Water Heating - In Un	18		18	0.46	Res Space Heat	6	130		$600.00	$1,539.00	$ 726	778			$ 4,800	$ 4,356	$ 9,156		$ 4,800	$ 9,156	$ -				$ -	$ -	10.74456$	$ 8,361.42	10.74456$	$ -	$ 8,361	$ -	$ 8,361	$ 9,186			
G217	Multi Family Retrofit	113693 - 2	Boiler - Replacement - Combined Space and Water	24		24	1.86	Comm Space Heat	2,371	1		$5.00	$14.66	$ 10	2,371			$ 11,855	$ 22,914	$ 34,769		$ 11,855	$ 34,769	$ -				$ -	$ -	11.99487$	28,440	11.99487$	$ -	$ 28,440	$ -	$ 28,440	$ 31,284			
G217	Multi Family Retrofit	113767 - 2	RRFT - Firelace - Natural Gas - High Efficiency - In L	20		20	0.05	Res Space Heat	1	72		$200.00	$502.00	$ 362	72			$ 200	$ 362	$ 562				$ -				$ -	$ -	11.53698$	831	11.53698$	$ -	$ 831	$ -	$ 831	$ 914			
G217	Multi Family Retrofit	113691 - 2	MFRT - Furnace - Natural Gas - Plac - In Unit	18		18	0.05	Res Space Heat	1	62		$250.00	$603.00	$ 253	62			$ 350	$ 253	$ 603				$ -				$ -	$ -	10.74456$	885	10.74456$	$ -	$ 885	$ -	$ 885	$ 974			
G217	Multi Family Retrofit	113751 - 2	ICT- Adapter - Thermostatic Restrictor Showerhead -	10		10	0.39	Res Water Heat	327	1		$10.00	$32.00	$ -	1,205			$ 30,591	$ -	$ 30,591				$ - 5.24				32.935	$ -	4.399906	5,302	4.399906	$ -	$ 5,302	$ -	$ 5,302	$ 38,788			
G217	Multi Family Retrofit	113164 - 2	MFRRT - Aerator - DI - GWH - 1.5 gpm	10		10	0.42	Res Water Heat	379	1		$2.10	$2.10	$ -	1,392			$ 795	$ -	$ 795				$ 9.23				23.718	$ -	4.399906	5,570	4.399906	$ -	$ 5,570	$ -	$ 5,570	$ 29,055			
G217	Multi Family Retrofit	113146 - 2	MFRRT - Aerator - DI - GWH - 1.5 gpm	10		10	0.44	Res Water Heat	670	2		$2.10	$2.10	$ -	1,340			$ 1,407	$ -	$ 1,407				$ 5.37				24.306	$ -	4.399906	5,896	4.399906	$ -	$ 5,896	$ -	$ 5,896	$ 30,680			
G217	Multi Family Retrofit	113195 - 2	RRFT- Showerhead - Direct Install - GWH - 1.5 gpm -	10		10	0.32	Res Water Heat	141	2		$18.00	$18.00	$ -	397			$ 2,538	$ -	$ 2,538				$ 18.01				17.865	$ -	4.399906	4,343	4.399906	$ -	$ 4,343	$ -	$ 4,343	$ 22,760			
G217	Multi Family Retrofit	113186 - 2	P - Showerhead - Thermostatic Restrictor - Handheld	10		10	0.09	Res Water Heat	32	3		$58.00	$38.00	$ -	372			$ 1,856	$ -	$ 1,856				$ 37.10				8.050	$ -	4.399906	1,197	4.399906	$ -	$ 1,197	$ -	$ 1,197	$ 6,396			
G217	Multi Family Retrofit	113186 - 2	MFRT - Showerhead - Thermostatic Restrictor - GW	10		10	2.30	Res Water Heat	609	3		$41.00	$41.00	$ -	7,018			$ 33,948	$ -	$ 33,948				$ 37.10				208.291	$ -	4.399906	30,967	4.399906	$ -	$ 30,967	$ -	$ 30,967	$ 247,345			
G217	Multi Family Retrofit	113154 - 2	RRFT- Boiler - Replacement - Domestic Water Heat	15		15	3.62	Comm Water Heat	2,308	1		$2.71	$7.83	$ 5	7,368			$ 19,987	$ 38,416	$ 58,403				$ -				-	$ -	6.335303	46,666	6.335303	$ -	$ 46,666	$ -	$ 46,666	$ 51,332			
G217	Multi Family Retrofit	113147 - 2	MFRRT - Insulation - Attic - R0 to R38 - NG	30		30	0.07	Res Space Heat	1,512	0		$0.75	$0.79	$ 0	76			$ 1,134	$ 90	$ 1,194				$ -				-	$ -	14.478368	1,095	14.478368	$ -	$ 1,095	$ -	$ 1,095	$ 1,204			
G217	Multi Family Retrofit	113149 - 2	MFRRT - Insulation - Attic - R11 to R38 - NG	30		30	2.40	Res Space Heat	121,280	0		$0.75	$0.76	$ 0	2,445			$ 91,695	$ 1,223	$ 92,918				$ -				-	$ -	14.478368	35,403	14.478368	$ -	$ 35,403	$ -	$ 35,403	$ 38,943			
G217	Multi Family Retrofit	113162 - 2	MFRRT- Insulation - Floor - R0 to R30 - NG	30		30	0.68	Res Space Heat	15,621	0		$0.75	$0.87	$ -	607			$ 9,716	$ 4,501	$ 14,217				$ -				-	$ -	14.478368	10,095	14.478368	$ -	$ 10,095	$ -	$ 10,095	$ 11,105			
G217	Multi Family Retrofit	113792 - 2	MFRRT- Insulation - Wall - R0 to R11 - NG	30		30	0.05	Res Space Heat	479	0		$1.05	$1.05	$ -	54			$ 503	$ 201	$ 704				$ -				-	$ -	14.478368	776	14.478368	$ -	$ 776	$ -	$ 776	$ 854			
G217	Multi Family Retrofit	113788 - 3	MFRRT- Windows - SF to SF - USB to USZ0 - NG	30		30	4.59	Res Space Heat	4,650	1		$7.00	$17.65	$ 11	4,464			$ 32,550	$ 50,267	$ 82,817				$ -				-	$ -	14.478368	64,632	14.478368	$ -	$ 64,632	$ -	$ 64,632	$ 71,095			
			Program Total			**17.61**									**39,936**	**0%**	$ 64,267	$ 244,209	$ 120,608	$ 363,533	$ -	$ 308,476	$ 427,800			$ 286,235	$ 396,956	$ 315,362									$ 258,558	$ 390,975	**0.88**	**1.49**

Rtn to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in incentives but use DBtC for Total

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste
G218	Commercial Industrial Retrofit	10049 - 1	HVAC Control - Base - Custom	10		10	0.00	Comm Space Heat	1	100		$468.00	$468.00	$ -	100
G218	Commercial Industrial Retrofit	10049 - 1	HVAC Control - Base - Custom	10		10	0.09	Comm Space Heat	1	5,369		$25,229.00	$25,229.00	$ -	5,369
G218	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.92	Comm Space Heat	1	57,186		$220,833.00	$334,428.00	$ 113,595	57,186
G218	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	2.29	Comm Space Heat	1	142,408		$329,969.00	$471,383.00	$ 141,414	142,408
G218	Commercial Industrial Retrofit	10057 - 1	HVAC Control - Only - Custom	10		10	0.10	Comm Space Heat	1	6,257		$31,039.00	$44,342.00	$ 13,303	6,257
G218	Commercial Industrial Retrofit	11912 - 1	HVAC Control - Performance - Custom	10		10	0.03	Comm Space Heat	1	2,042		$9,596.00	$123,823.00	$ 114,227	2,042
G218	Commercial Industrial Retrofit	11931 - 1	RTU Control - Advanced - Custom	10		10	0.01	Comm Space Heat	1	632		$3,325.00	$7,448.00	$ 4,123	632
G218	Commercial Industrial Retrofit	12054 - 1	RTU Control - Advanced - Prescriptive	10		10	0.03	Comm Space Heat	1	1,644		$6,069.00	$13,351.24	$ 7,282	1,644
G218	Commercial Industrial Retrofit	11914 - 1	Process - Modification - Custom	15		15	0.46	Comm Flat	1	18,912		$57,540.00	$83,588.75	$ 26,049	18,912
G218	Commercial Industrial Retrofit	10046 - 1	Energy Recovery System - Custom	15		15	0.22	Comm Flat	1	9,021		$25,800.00	$310,630.00	$ 284,830	9,021
G218	Commercial Industrial Retrofit	10046 - 1	Energy Recovery System - Custom	15		15	0.63	Comm Flat	1	26,244		$45,953.00	$77,130.00	$ 31,177	26,244
G218	Commercial Industrial Retrofit	10063 - 1	CBTU - Commissioning Phase	7		7	0.07	Comm Space Heat	1	6,306		$8,028.00	$19,788.00	$ 11,760	6,306
G218	Commercial Industrial Retrofit	10064 - 1	CBTU - Performance Phase	7		7	0.03	Comm Space Heat	1	2,703		$1,905.00	$0.00	$ (1,905)	2,703
G218	Commercial Industrial Retrofit	10054 - 1	HVAC - Central Equipment - Custom	15		15	0.31	Comm Space Heat	1	12,783		$63,915.00	$143,283.20	$ 79,368	12,783
G218	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.05	Comm Water Heat	1	1,358		$6,790.00	$12,862.00	$ 6,072	1,358
G218	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.17	Comm Water Heat	1	4,357		$21,785.00	$66,789.00	$ 45,004	4,357
G218	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.61	Comm Water Heat	1	15,813		$45,910.00	$65,586.00	$ 19,676	15,813
G218	Commercial Industrial Retrofit	10073 - 1	Boiler - Hot Water - Custom	24		24	0.68	Comm Water Heat	1	17,563		$84,865.00	$227,320.98	$ 142,456	17,563
G218	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.13	Comm Space Heat	1	5,396		$20,284.00	$73,269.68	$ 52,986	5,396
G218	Commercial Industrial Retrofit	10056 - 1	Unitary Equipment - Custom	15		15	0.14	Comm Space Heat	1	5,963		$25,389.00	$44,920.17	$ 19,531	5,963
G218	Commercial Industrial Retrofit	10058 - 1	Fan - VFD - Custom	15		15	0.56	Comm Flat	1	23,103		$63,498.91	$108,005.20	$ 44,506	23,103
G218	Commercial Industrial Retrofit	10042 - 1	Water Heater - Commercial - Custom	15		15	0.40	Comm Water Heat	1	16,413		$49,460.00	$90,190.11	$ 40,730	16,413
G218	Commercial Industrial Retrofit	10037 - 1	Insulation - Building Shell - Custom	24		24	0.02	Comm Space Heat	1	464		$2,320.00	$11,394.18	$ 9,074	464
G218	Commercial Industrial Retrofit	10037 - 1	Insulation - Building Shell - Custom	24		24	0.03	Comm Space Heat	1	861		$3,397.00	$6,599.48	$ 3,202	861
G218	Commercial Industrial Retrofit	10041 - 1	Window - Custom	30		30	0.11	Comm Space Heat	1	2,341		$11,705.00	$22,351.02	$ 10,646	2,341
G218	Energy Smart Grocer	11724 - 1	ESG: Control - HVAC	10		10	2.13	Comm Space Heat	1	132,272		$11,265.12	$17,247.05		132,272
G218	Energy Smart Grocer	11965 - 1	ESG: HVAC System	15		15	0.24	Comm Space Heat	1	9,951		$28,424.30	$328,851.66		9,951
G218	Energy Smart Grocer	11723 - 1	ESG: Refrigeration - Open Case Door	15		15	2.27	Comm Flat	1	93,990		$227,040.00	$798,321.64		93,990
			Program Total				**8.09**								**621,452**

Measure Version	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
10049 - 1			$ 468	$ -	$ 468								$ -	$ -
10049 - 1			$ 25,229	$ -	$ 25,229								$ -	$ -
10057 - 1			$ 220,833	$ 113,595	$ 334,428								$ -	$ -
10057 - 1			$ 329,969	$ 141,414	$ 471,383								$ -	$ -
10057 - 1			$ 31,039	$ 13,303	$ 44,342								$ -	$ -
11912 - 1			$ 9,596	$ 114,227	$ 123,823								$ -	$ -
11931 - 1			$ 3,325	$ 4,123	$ 7,448								$ -	$ -
12054 - 1			$ 6,069	$ 7,282	$ 13,351								$ -	$ -
11914 - 1			$ 57,540	$ 26,049	$ 83,589								$ -	$ -
10046 - 1			$ 25,800	$ 284,830	$ 310,630								$ -	$ -
10046 - 1			$ 45,953	$ 31,177	$ 77,130								$ -	$ -
10063 - 1			$ 8,028	$ 11,760	$ 19,788								$ -	$ -
10064 - 1			$ 1,905	$ (1,905)	$ -								$ -	$ -
10054 - 1			$ 63,915	$ 79,368	$ 143,283								$ -	$ -
10073 - 1			$ 6,790	$ 6,072	$ 12,862								$ -	$ -
10073 - 1			$ 21,785	$ 45,004	$ 66,789								$ -	$ -
10073 - 1			$ 45,910	$ 19,676	$ 65,586								$ -	$ -
10073 - 1			$ 84,865	$ 142,456	$ 227,321								$ -	$ -
10056 - 1			$ 20,284	$ 52,986	$ 73,270								$ -	$ -
10056 - 1			$ 25,389	$ 19,531	$ 44,920								$ -	$ -
10058 - 1			$ 63,499	$ 44,506	$ 108,005								$ -	$ -
10042 - 1			$ 49,460	$ 40,730	$ 90,190								$ -	$ -
10037 - 1			$ 2,320	$ 9,074	$ 11,394								$ -	$ -
10037 - 1			$ 3,397	$ 3,202	$ 6,599								$ -	$ -
10041 - 1			$ 11,705	$ 10,646	$ 22,351								$ -	$ -
11724 - 1			$ 11,265		$ 17,247								$ -	$ -
11965 - 1			$ 28,424		$ 328,852								$ -	$ -
11723 - 1			$ 227,040		$ 798,322								$ -	$ -
Program Total	**0%**	**$ 451,175**	**$ 1,292,530**	**1,219,107**	**3,528,600**	**$ -**	**$ 1,743,705**	**$ 3,979,775**			**$ 1,617,988**	**$ 3,692,842**	**$ -**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10049 - 1	6.167322	$ 617	6.167322	$ -	$ 617	$ -	$ 617	$ 617	$ 678		
10049 - 1	6.167322	$ 33,112	6.167322	$ -	$ 33,112	$ -	$ 33,112	$ 33,112	$ 36,424		
10057 - 1	6.167322	$ 352,684	6.167322	$ -	$ 352,684	$ -	$ 352,684	$ 352,684	$ 387,953		
10057 - 1	6.167322	$ 878,276	6.167322	$ -	$ 878,276	$ -	$ 878,276	$ 878,276	$ 966,104		
10057 - 1	6.167322	$ 38,589	6.167322	$ -	$ 38,589	$ -	$ 38,589	$ 38,589	$ 42,448		
11912 - 1	6.167322	$ 12,594	6.167322	$ -	$ 12,594	$ -	$ 12,594	$ 12,594	$ 13,853		
11931 - 1	6.167322	$ 3,898	6.167322	$ -	$ 3,898	$ -	$ 3,898	$ 3,898	$ 4,288		
12054 - 1	6.167322	$ 10,139	6.167322	$ -	$ 10,139	$ -	$ 10,139	$ 10,139	$ 11,153		
11914 - 1	5.875192	$ 111,112	5.875192	$ -	$ 111,112	$ -	$ 111,112	$ 111,112	$ 122,223		
10046 - 1	5.875192	$ 53,000	5.875192	$ -	$ 53,000	$ -	$ 53,000	$ 53,000	$ 58,300		
10046 - 1	5.875192	$ 154,189	5.875192	$ -	$ 154,189	$ -	$ 154,189	$ 154,189	$ 169,607		
10063 - 1	4.488946	$ 28,307	4.488946	$ -	$ 28,307	$ -	$ 28,307	$ 28,307	$ 31,138		
10064 - 1	4.488946	$ 12,134	4.488946	$ -	$ 12,134	$ -	$ 12,134	$ 12,134	$ 13,347		
10054 - 1	8.711065	$ 111,354	8.711065	$ -	$ 111,354	$ -	$ 111,354	$ 111,354	$ 122,489		
10073 - 1	8.861266	$ 12,034	8.861266	$ -	$ 12,034	$ -	$ 12,034	$ 12,034	$ 13,237		
10073 - 1	8.861266	$ 38,609	8.861266	$ -	$ 38,609	$ -	$ 38,609	$ 38,609	$ 42,469		
10073 - 1	8.861266	$ 140,123	8.861266	$ -	$ 140,123	$ -	$ 140,123	$ 140,123	$ 154,136		
10073 - 1	8.861266	$ 155,630	8.861266	$ -	$ 155,630	$ -	$ 155,630	$ 155,630	$ 171,193		
10056 - 1	8.711065	$ 47,005	8.711065	$ -	$ 47,005	$ -	$ 47,005	$ 47,005	$ 51,705		
10056 - 1	8.711065	$ 51,944	8.711065	$ -	$ 51,944	$ -	$ 51,944	$ 51,944	$ 57,138		
10058 - 1	5.875192	$ 135,735	5.875192	$ -	$ 135,735	$ -	$ 135,735	$ 135,735	$ 149,308		
10042 - 1	6.335303	$ 103,981	6.335303	$ -	$ 103,981	$ -	$ 103,981	$ 103,981	$ 114,379		
10037 - 1	11.994871	$ 5,566	11.994871	$ -	$ 5,566	$ -	$ 5,566	$ 5,566	$ 6,122		
10037 - 1	11.994871	$ 10,328	11.994871	$ -	$ 10,328	$ -	$ 10,328	$ 10,328	$ 11,360		
10041 - 1	13.481639	$ 31,561	13.481639	$ -	$ 31,561	$ -	$ 31,561	$ 31,561	$ 34,717		
11724 - 1	6.167322	$ 815,761	6.167322	$ -	$ 815,761	$ -	$ 815,761	$ 815,761	$ 897,337		
11965 - 1	8.711065	$ 86,685	8.711065	$ -	$ 86,685	$ -	$ 86,685	$ 86,685	$ 95,353		
11723 - 1	5.875192	$ 552,209	5.875192	$ -	$ 552,209	$ -	$ 552,209	$ 552,209	$ 607,430		
Program Total								**$ 2,532,518**	**$ 2,785,770**	**1.57**	**0.75**

Go to Summary

Discount Rate 7.80%

Overhead Dollars:

Paste in DEMAND Rebate DIRECT for Excel

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Enjoyment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscited Total	Discement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
				paste	paste	paste	paste	paste	paste	paste	paste	paste	paste	Formula O - N	Paste	Paste - Not Used	formula: R * SHS2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Utility Program Costs formula: U/(1+ElecDiscountRate)	Total PV Resource Costs formula: V/(1+ElecDiscountRate)	formula:	formula:								Total Benefits UC1 - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings - (AF)*(1-AD)+AE	formula: AM/AB	formula: AN/AC
G217	Multi Family New Construction	10073 - 1	Boiler - Hot Water - Custom	24		24	0.69	Comm Water Heat	1	2.975				$ -	2.975			$ 14.875	$ -	$ 14.875								$ -	$ -	8.861266	$ 26.362.27	8.861266	$ -	$ 26.362	$ -	$ 26.362	$ 26.362	$ 28.598		
G217	Multi Family New Construction	10055 - 1	Whole Building Design - Custom	15		15	7.65	Comm Flat	1	53.185				$ -	53.185			$ 245.540	$ 27.431	$ 275.971								$ -	$ -	5.875102	$ 312.472	5.875102	$ -	$ 312.472	$ -	$ 312.472	$ 312.472	$ 343.719		
G217	Multi Family New Construction	10055 - 1	Whole Building Design - Custom	15		15	1.85	Comm Flat	1	12.888				$ -	12.888			$ 76.550	$ -	$ 76.550								$ -	$ -	5.875102	$ 75.719	5.875102	$ -	$ 75.719	$ -	$ 75.719	$ 75.719	$ 83.291		
G217	Multi Family New Construction	10058 - 1	Generic Measure - Custom	15		15	0.00	Comm Flat	1	0				$ -	0			$ -	$ -	$ -								$ -	$ -	5.875102	$ -	5.875102	$ -	$ -	$ -	$ -	$ -	$ -		
G217	Multi Family New Construction	11047 - 1	MFNC: Showerhead - GWH - 1.75 gpm max	10		10	0.31	Rev Water Heat	355	9		$15.00	$31.00	$ 16	3.195			$ 5.325	$ 5.680	$ 11.005								$ -	$ -	4.399908	$ 14.058	4.399908	$ -	$ 14.058	$ -	$ 14.058	$ 14.058	$ 15.464		
G217	Multi Family New Construction	11047 - 2	MFNC: Showerhead - GWH - 1.75 gpm max	10		10	0.17	Rev Water Heat	20	9		$15.00	$17.00	$ 2	1.800			$ 4.500	$ 176	$ 4.676				$ 24.18				$ 51.671	$ -	4.399908	$ 8.369	4.399908	$ -	$ 8.369	$ -	$ 8.369	$ 8.369	$ 51.177		
G217	Multi Family New Construction	11048 - 1	MFNC: Showerhead - GWH - 1.5 gpm max	10		10	0.56	Rev Water Heat	481	13		$25.00	$31.00	$ 6	6.083			$ 11.148	$ 547	$ 11.695								$ -	$ -	4.399908	$ 25.797	4.399908	$ -	$ 25.797	$ -	$ 25.797	$ 25.797	$ 28.377		
G217	Multi Family New Construction	11048 - 1	MFNC: Showerhead - GWH - 1.5 gpm max	10		10	0.06	Rev Water Heat	62	13		$25.00	$31.00	$ 0	0.783			$ 1.790	$ -	$ 2.730								$ -	$ -	4.399908	$ 2.803	4.399908	$ -	$ 2.803	$ -	$ 2.803	$ 2.803	$ 3.085		
G217	Multi Family New Construction	11048 - 2	MFNC: Showerhead - GWH - 1.5 gpm max	10		10	0.35	Rev Water Heat	514	7		$25.00	$17.00	$ (8)	3.598			$ 12.852	$ (4.010)	$ 8.840				$ 29.20				$ 101.763	$ -	4.399908	$ 15.831	4.399908	$ -	$ 15.831	$ -	$ 15.831	$ 15.831	$ 119.178		
G217	Multi Family New Construction	10042 - 1	Water Heater - Commercial - Custom	15		15	1.49	Comm Water Heat	1	8.764				$ -	8.764			$ 43.820	$ 5.701	$ 49.521								$ -	$ -	5.335303	$ 55.423	5.335303	$ -	$ 55.423	$ -	$ 55.423	$ 55.423	$ 64.645		
G217	Multi Family New Construction	10042 - 1	Water Heater - Commercial - Custom	15		15	1.49	Comm Water Heat	1	11.314				$ -	11.314			$ 56.570	$ 21.700	$ 71.279								$ -	$ -	5.335303	$ 71.678	5.335303	$ -	$ 71.678	$ -	$ 71.678	$ 71.678	$ 94.845		
			Program Total				**14.53**								**104.219**	**0%**	**$ 72.842**	**$ 466.195**	**$ 59.055**	**$ 525.164**	**$ -**	**$ 539.011**	**$ 598.106**			**$ 508.187**	**$ 554.984**	**$ 153.735**									**$ 668.837**	**$ 823.588**	**1.22**	**1.48**

Back to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in incentives that are DSM, not Total

Not Used - total only Not used - total only

Total PV Benefit UC = Total PV Benefit TRC

	paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	paste	paste - Not Used	formula: R * 5852 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U(1+ElecDiscountRate) ^t-1	formula: V(1+ElecDiscountRate) ^y-1	formula: PV(ElecDiscountR	formula: PV(ElecDiscountR							formula: Logic to lookup from AC tables and adjust	formula: Utility Savings - (AP)*(L1+AI)+ΔE	formula: AM/AB	formula: AN/AC	
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Eulipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscoted Total	Discement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
G251	Energy Smart Grocer New Construction	11739 - 1	ESGNC: Display Case	20		20	0.34	Comm Flat	1	214					214					$ 4,124						$ -	$ -	$ -	$ -	7.30602	$ 1,563.62	7.30602	$ -	$ 1,564	$ -	$ 1,564	$ 1,564	$ 1,720		
G251	Commercial Industrial New Construction	11037 - 1	HVAC Control - Only - Custom	10		10	0.10	Comm Space Heat	1	121					121					$ 760								$ -	$ -	6.15752	$ 745.25	6.15752	$ -	$ 745	$ -	$ 745	$ 745	$ 821		
G251	Commercial Industrial New Construction	11030 - 1	Commissioning - Custom	7		7	1.71	Comm Flat	1	3,056					3,056					$ 25,012								$ -	$ -	3.018445	$ 9,224.35	3.018445	$ -	$ 9,224	$ -	$ 9,224	$ 9,224	$ 10,147		
G251	Commercial Industrial New Construction	11074 - 1	Boiler - Hot Water - Custom	24		24	8.48	Comm Water Heat	1	4,425					4,425					$ 19,188								$ -	$ -	8.861865	$ 39,211.10	8.861865	$ -	$ 39,211	$ -	$ 39,211	$ 39,211	$ 43,132		
G251	Energy Smart Grocer New Construction	11738 - 2	ESGNC: Refrigeration System	15		15	9.66	Comm Flat	1	4,730					4,730					$ 48,556								$ -	$ -	5.875102	$ 27,789.66	5.875102	$ -	$ 27,790	$ -	$ 27,790	$ 27,790	$ 30,568		
			Program Total	**16.26**						**12,546**					**12,546**		**8%**	**$ 324,754**	**$ 68,141**	**$ 25,530**	**$ 93,670**	**$ -**	**$ 190,895**	**$ 216,424**			**$ 177,133**	**$ 200,821**	**$ -**	**$ -**							**$ 79,539**	**$ 86,588**	**0.44**	**0.43**	

Rtn to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in incentives but use DBtC for Total

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
G253	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.09	Comm Space Heat	1	20,446	0	$3,077.25	$4,901.35	$ 1,824	20,446			$ 3,077	$ 1,824	$ 4,901								$ -	$ -	1.890921	$ 38,661.78	1.890921	$ -	$ 38,662	$ -	$ 38,662	$ 38,662	$ 42,528		
G253	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.63	Comm Space Heat	1	142,131	0	$23,946.95	$33,652.97	$ 9,706	142,131			$ 23.947	$ 9.706	$ 33.653								$ -	$ -	1.890921	$ 268.759	1.890921	$ -	$ 268.759	$ -	$ 268.759	$ 268.759	$ 295.634		
G253	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11915 - 1	RCM - Performance Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$3,000.00	$3,000.00	$ -	0			$ 3,000	$ -	$ 3,000								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$11,200.00	$11,200.00	$ -	0			$ 11,200	$ -	$ 11.200								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11916 - 1	RCM - Performance Target Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11917 - 1	RCM - Start Up Incentive - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Space Heat	1	0		$60.00	$60.00	$ -	0			$ 60	$ -	$ 60								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11918 - 1	RCM - Training Allowance - Year 1	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.14	Comm Space Heat	1	31,119		$3,920.00	$5,600.00	$ 1,680	31,119			$ 3.920	$ 1.680	$ 5.600								$ -	$ -	1.890921	$ 58.844	1.890921	$ -	$ 58.844	$ -	$ 58.844	$ 58.844	$ 64.728		
G253	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.25	Comm Space Heat	1	55,698		$8,927.00	$16,152.00	$ 7,225	55,698			$ 8.927	$ 7.225	$ 16.152								$ -	$ -	1.890921	$ 105.321	1.890921	$ -	$ 105.321	$ -	$ 105.321	$ 105.321	$ 115.853		
G253	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.26	Comm Space Heat	1	59,059		$9,581.00	$17,127.00	$ 7,546	59,059			$ 9.581	$ 7.546	$ 17.127								$ -	$ -	1.890921	$ 111.676	1.890921	$ -	$ 111.676	$ -	$ 111.676	$ 111.676	$ 122.844		
G253	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.50	Comm Space Heat	1	113,408		$19,125.00	$32,888.00	$ 13,763	113,408			$ 19.125	$ 13.763	$ 32.888								$ -	$ -	1.890921	$ 214.446	1.890921	$ -	$ 214.446	$ -	$ 214.446	$ 214.446	$ 235.890		
G253	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11919 - 1	RCM - Performance Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$1,400.00	$1,400.00	$ -	0			$ 1.400	$ -	$ 1.400								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$2,400.00	$2,400.00	$ -	0			$ 2.400	$ -	$ 2.400								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$7,400.00	$7,400.00	$ -	0			$ 7.400	$ -	$ 7.400								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$9,400.00	$9,400.00	$ -	0			$ 9.400	$ -	$ 9.400								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11920 - 1	RCM - Performance Target Incentive - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Space Heat	1	0		$320.00	$320.00	$ -	0			$ 320	$ -	$ 320								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11921 - 1	RCM - Training Allowance - Year 2	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11922 - 1	RCM - Performance Incentive - Year 3	3		3	0.09	Comm Space Heat	1	19,223		$2,883.00	$5,574.73	$ 2,692	19,223			$ 2.883	$ 2.692	$ 5.575								$ -	$ -	1.890921	$ 36.349	1.890921	$ -	$ 36.349	$ -	$ 36.349	$ 36.349	$ 39.984		
G253	Resource Conservation Manager	11922 - 1	RCM - Performance Incentive - Year 3	3		3	1.04	Comm Space Heat	1	234,432		$37,475.00	$62,522.00	$ 25,047	234,432			$ 37,475	$ 25,047	$ 62,522								$ -	$ -	1.890921	$ 443,293	1.890921	$ -	$ 443.293	$ -	$ 443.293	$ 443.293	$ 487.622		
G253	Resource Conservation Manager	11922 - 1	RCM - Performance Incentive - Year 3	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11923 - 1	RCM - Performance Target Incentive - Year 3	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11923 - 1	RCM - Performance Target Incentive - Year 3	3		3	0.00	Comm Space Heat	1	0		$16,990.00	$16,990.00	$ -	0			$ 16,990	$ -	$ 16.990								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11923 - 1	RCM - Performance Target Incentive - Year 3	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Space Heat	1	0		$276.00	$276.00	$ -	0			$ 276	$ -	$ 276								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	11924 - 1	RCM - Training Allowance - Year 3	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	10258 - 1	Generic Measure - Custom	15		15	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	8.711065	$ -	8.711065	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Resource Conservation Manager	10258 - 1	Generic Measure - Custom	15		15	0.02	Comm Space Heat	1	1,120		$168.00	$325.00	$ 157	1.120			$ 168	$ 157	$ 325								$ -	$ -	8.711065	$ 9.756	8.711065	$ -	$ 9.756	$ -	$ 9.756	$ 9.756	$ 10.732		
G253	Resource Conservation Manager	10258 - 1	Generic Measure - Custom	15		15	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	8.711065	$ -	8.711065	$ -	$ -	$ -	$ -	$ -	$ -		
G253	Urban Smart Bellevue	12055 - 1	USB: Savings Tracking	3		3	0.00	Comm Space Heat	1	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	1.890921	$ -	1.890921	$ -	$ -	$ -	$ -	$ -	$ -		
			Program Total				**3.02**								**676,636**	**0%**	**$ 331,998**	**$ 163,082**	**$ 69,640**	**$ 231,189**	**$ -**	**$ 495,080**	**$ 563,187**			**$ 459,386**	**$ 522,583**	**$ -**									**$ 1,287,104**	**$ 1,415,815**	**2.80**	**2.71**

Rtn to Summary

Discount Rate: 7.80%

Overhead Budget:

Paste in incentives but use DBtC for Total

Not Used - total only Not used - total only

Total PV Costs UCT Total PV Costs TRC

Total Benefits UCT Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N
G262	Commercial Laundry	10904 - 1	CLDRY: Clothes Washer - GWH	7		7	0.00	Comm Water Heat	2	20		$60.00	$61.00	$ 1
G263	Commercial Laundry	12028 - 1	LDRY: Clothes Washer - GWH - G Dryer - Laundrom	7		7	0.07	Comm Flat	28	40		$150.00	$355.00	$ 205
G264	Commercial Kitchens	10830 - 1	CKTCH: Fryer - Large Vat - NG	12		12	0.11	Comm Cooking	2	490		$500.00	$591.00	$ 91
G265	Commercial Kitchens	10832 - 1	CKTCH: Fryer - Standard Vat - NG	12		12	5.74	Comm Cooking	116	432		$1,000.00	$1,304.00	$ 304
G266	Commercial Kitchens	10805 - 1	CKTCH: Oven - Convection - Double - NG	12		12	1.80	Comm Cooking	22	714		$2,000.00	$2,354.00	$ 354
G267	Commercial Kitchens	10807 - 1	CKTCH: Oven - Convection - Full - NG	12		12	1.06	Comm Cooking	26	357		$1,000.00	$1,177.00	$ 177
G268	Commercial Kitchens	10824 - 1	CKTCH: Oven - Combination - 14 Pan or Less - NG	12		12	0.18	Comm Cooking	2	798		$2,500.00	$2,531.00	$ 31
G269	Commercial Kitchens	10825 - 1	KTCH: Oven - Combination - More Than 28 Pans - N	12		12	0.90	Comm Cooking	5	1,573		$7,000.00	$7,890.00	$ 890
G270	Commercial Kitchens	10861 - 1	CKTCH: Oven - Single Rack - NG	12		12	0.12	Comm Cooking	1	1,034		$1,500.00	$1,817.00	$ 317
G271	Commercial Kitchens	11325 - 1	CKTCH: Oven - Double Rack - NG	12		12	0.48	Comm Cooking	2	2,113		$1,000.00	$1,040.00	$ 40
G272	Commercial Kitchens	10871 - 1	CKTCH: Steamer - 6 Pan - NG	12		12	0.53	Comm Cooking	2	2,334		$550.00	$567.00	$ 17
G273	Commercial Kitchens	10872 - 1	CKTCH: Dishwasher - Door Type - High Temp - GWI	15		15	0.04	Comm Water Heat	1	261		$250.00	$846.00	$ 596
G274	Commercial Kitchens	10875 - 1	H: Dishwasher - Door Type - High Temp - GWH - E I	15		15	0.04	Comm Water Heat	1	261		$250.00	$846.00	$ 596
G275	Commercial Kitchens	10877 - 1	CKTCH: Dishwasher - Door Type - Low Temp - GWI	15		15	0.43	Comm Water Heat	5	599		$750.00	$2,659.00	$ 1,909
G276	Commercial Kitchens	10885 - 1	CKTCH: Dishwasher - Single Tank - High Temp - GW	20		20	0.06	Comm Water Heat	2	158		$250.00	$1,471.00	$ 1,221
G277	Commercial Kitchens	10887 - 1	H: Dishwasher - Single Tank - High Temp - GWH - E	20		20	0.06	Comm Water Heat	2	158		$250.00	$1,471.00	$ 1,221
G278	Commercial Kitchens	10889 - 1	CKTCH: Dishwasher - Single Tank - Low Temp - GW	20		20	0.09	Comm Water Heat	1	484		$1,000.00	$5,385.00	$ 4,385
G279	Commercial Kitchens	10895 - 1	Dishwasher - Under Counter - High Temp - GWH - E	10		10	0.03	Comm Water Heat	9	40		$0.00	$40.00	$ 40
G280	Commercial Kitchens	10897 - 1	KTCH: Dishwasher - Under Counter - Low Temp - GV	10		10	0.02	Comm Water Heat	2	94		$150.00	$232.00	$ 82
G281	Commercial Kitchens	10814 - 1	CKTCH: Sales Incentive - Fryer - NG	0		0	0.00		42	0		$30.00	$30.00	$ -
G282	Commercial Kitchens	10816 - 1	CKTCH: Sales Incentive - Dishwasher - ST or MT - N	0		0	0.00		2	0		$50.00	$50.00	$ -
G283	Commercial Kitchens	10819 - 1	CKTCH: Sales Incentive - Dishwasher - UC or DT - N	0		0	0.00		1	0		$30.00	$30.00	$ -
G284	Commercial Kitchens	10820 - 1	CKTCH: Sales Incentive - Oven - NG	0		0	0.00		28	0		$50.00	$50.00	$ -
G285	Commercial Kitchens	10809 - 2	CKTCH: Water Heater - NG	7		7	0.12	Comm Water Heat	3	613		$1,500.00	$1,644.00	$ 144
G286	Commercial Laundry	10905 - 2	CLDRY: Hot Water Heater - NG	7		7	0.08	Comm Water Heat	2	597		$1,500.00	$1,644.00	$ 144
			Program Total				**11.98**							

Sch. No.	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	Paste	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: -PV(ElecDiscountRat	formula: -PV(ElecDiscountR
G262	40			$ 120	$ 2	$ 122				$ 276.94		$ -	$ -	$ 2,907	$ -
G263	1,120			$ 4,200	$ 5,740	$ 9,940				$ 826.36				$ 121,419	$ -
G264	980			$ 1,000	$ 182	$ 1,182				$ 1,357.00				$ 20,699	$ -
G265	50,112			$ 116,000	$ 35,264	$ 151,264				$ 1,357.00				$ 1,200,537	$ -
G266	15,708			$ 44,000	$ 7,788	$ 51,788				$ -				$ -	$ -
G267	9,282			$ 26,000	$ 4,602	$ 30,602				$ -				$ -	$ -
G268	1,596			$ 5,000	$ 62	$ 5,062				$ -				$ -	$ -
G269	7,865			$ 35,000	$ 4,450	$ 39,450				$ -				$ -	$ -
G270	1,034			$ 1,500	$ 317	$ 1,817				$ -				$ -	$ -
G271	4,226			$ 2,000	$ 80	$ 2,080				$ -				$ -	$ -
G272	4,668			$ 1,100	$ 34	$ 1,134				$ -				$ -	$ -
G273	261			$ 250	$ 596	$ 846				$ 1,338.96				$ 11,624	$ -
G274	261			$ 250	$ 596	$ 846				$ 4,172.99				$ 36,226	$ -
G275	2,995			$ 3,750	$ 9,545	$ 13,295				$ 9,597.84				$ 416,595	$ -
G276	316			$ 500	$ 2,442	$ 2,942				$ 447.31				$ 8,936	$ -
G277	316			$ 500	$ 2,442	$ 2,942				$ 1,817.04				$ 36,299	$ -
G278	484			$ 1,000	$ 4,385	$ 5,385				$ 5,094.05				$ 50,882	$ -
G279	360			$ -	$ 360	$ 360				$ 479.68				$ 29,271	$ -
G280	188			$ 300	$ 164	$ 464				$ 1,126.21				$ 15,272	$ -
G281	0			$ 1,260	$ -	$ 1,260				$ -				$ -	$ -
G282	0			$ 100	$ -	$ 100				$ -				$ -	$ -
G283	0			$ 30	$ -	$ 30				$ -				$ -	$ -
G284	0			$ 1,400	$ -	$ 1,400				$ -				$ -	$ -
G285	1,839			$ 4,500	$ 432	$ 4,932				$ -				$ -	$ -
G286	1,194			$ 3,000	$ 288	$ 3,288				$ -				$ -	$ -
	104,845	**0%**	**$ 30,763**	**$ 251,860**	**$ 79,771**	**$ 332,531**	**$ -**	**$ 282,623**	**$ 363,294**			**$ 262,247**	**$ 337,102**	**$ 1,950,665**	

Sch. No.	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
G262	3.242216	$ 129.69	3.242216	$ -	$ 130	$ -	$ 130	$ 130	$ 3,049		
G263	3.018440	$ 3,380.65	3.018440	$ -	$ 3,381	$ -	$ 3,381	$ 3,381	$ 125,138		
G264	5.292388	$ 5,186.54	5.292388	$ -	$ 5,187	$ -	$ 5,187	$ 5,187	$ 26,404		
G265	5.292388	$ 265,212.14	5.292388	$ -	$ 265,212	$ -	$ 265,212	$ 265,212	$ 1,492,270		
G266	5.292388	$ 83,132.83	5.292388	$ -	$ 83,133	$ -	$ 83,133	$ 83,133	$ 91,446		
G267	5.292388	$ 49,123.94	5.292388	$ -	$ 49,124	$ -	$ 49,124	$ 49,124	$ 54,036		
G268	5.292388	$ 8,446.65	5.292388	$ -	$ 8,447	$ -	$ 8,447	$ 8,447	$ 9,291		
G269	5.292388	$ 41,624.63	5.292388	$ -	$ 41,625	$ -	$ 41,625	$ 41,625	$ 45,787		
G270	5.292388	$ 5,472.33	5.292388	$ -	$ 5,472	$ -	$ 5,472	$ 5,472	$ 6,020		
G271	5.292388	$ 22,365.63	5.292388	$ -	$ 22,366	$ -	$ 22,366	$ 22,366	$ 24,602		
G272	5.292388	$ 24,704.87	5.292388	$ -	$ 24,705	$ -	$ 24,705	$ 24,705	$ 27,175		
G273	6.335303	$ 1,653.51	6.335303	$ -	$ 1,654	$ -	$ 1,654	$ 1,654	$ 13,442		
G274	6.335303	$ 1,653.51	6.335303	$ -	$ 1,654	$ -	$ 1,654	$ 1,654	$ 38,045		
G275	6.335303	$ 18,974.23	6.335303	$ -	$ 18,974	$ -	$ 18,974	$ 18,974	$ 437,466		
G276	7.862420	$ 2,484.52	7.862420	$ -	$ 2,485	$ -	$ 2,485	$ 2,485	$ 11,669		
G277	7.862420	$ 2,484.52	7.862420	$ -	$ 2,485	$ -	$ 2,485	$ 2,485	$ 39,032		
G278	7.862420	$ 3,805.41	7.862420	$ -	$ 3,805	$ -	$ 3,805	$ 3,805	$ 55,068		
G279	4.435412	$ 1,596.75	4.435412	$ -	$ 1,597	$ -	$ 1,597	$ 1,597	$ 31,028		
G280	4.435412	$ 833.86	4.435412	$ -	$ 834	$ -	$ 834	$ 834	$ 16,189		
G281	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	$ -	$ -		
G282	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	$ -	$ -		
G283	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	$ -	$ -		
G284	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	$ -	$ -		
G285	3.242216	$ 5,962.43	3.242216	$ -	$ 5,962	$ -	$ 5,962	$ 5,962	$ 6,559		
G286	3.242216	$ 3,871.21	3.242216	$ -	$ 3,871	$ -	$ 3,871	$ 3,871	$ 4,258		
								$ 552,100	**$ 2,557,975**	**2.11**	**7.59**

Go to Summary

Discount Rate: 7.80%

Overhead Dollars:

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscited Total	Discement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
		paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Utility Program Costs formula: U/(1+ElecDiscountRate)	Total PV Resource Costs formula: V/(1+ElecDiscountRate)	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR							Total Benefits UC/I - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings TRC (AF)*(1.1+AD+AE	formula: AM/AB	formula: AN/AC
G262	Commercial HVAC Replacement	10727 - 1	CHVAC: Gas Pack to Gas Pack - Tier 1	15		15	0.32	Comm Space Heat	19	47		$100.99	$614.66	$ 814	892			$ 1,919	$ 15,440	$ 17,378								$ -	$ -	8.71106%	$ 7,761.56	8.71106%	$ -	$ 7,762	$ -	$ 7,762	$ 7,762	$ 8,538		
G262	Commercial HVAC Replacement	10727 - 2	CHVAC: Gas Pack to Gas Pack - Tier 1	15		15	0.06	Comm Space Heat	6	28		$112.50	$7,434.07	$ 7,322	187			$ 675	$ 43,929	$ 44,604								$ -	$ -	8.71106%	$ 1,458	8.71106%	$ -	$ 1,458	$ -	$ 1,458	$ 1,458	$ 1,604		
G263	Commercial HVAC Replacement	10728 - 1	CHVAC: Gas Pack to Gas Pack - Tier 2	15		15	0.09	Comm Space Heat	3	88		$458.30	$22,536.95	$ 22,081	265			$ 1,369	$ 66,242	$ 67,611								$ -	$ -	8.71106%	$ 2,308	8.71106%	$ -	$ 2,308	$ -	$ 2,308	$ 2,308	$ 2,539		
G264	Commercial HVAC Replacement	10728 - 2	CHVAC: Gas Pack to Gas Pack - Tier 2	15		15	0.65	Comm Space Heat	29	63		$252.59	$1,805.21	$ 1,613	1,817			$ 7,325	$ 46,798	$ 54,055								$ -	$ -	8.71106%	$ 15,825	8.71106%	$ -	$ 15,825	$ -	$ 15,825	$ 15,825	$ 17,407		
G265	Premium HVAC	11232 - 1	PHVAC: Basic Diagnostics	5		5	0.00	Comm Space Heat	48	0		$0.00	$0.00	$ -	0			$ -	$ -	$ -								$ -	$ -	3.24395%	$ 1	3.24395%	$ -	$ 1	$ -	$ 1	$ 1	$ 1		
G266	Premium HVAC	11233 - 1	PHVAC: Enable Morning Warmup	5		5	0.16	Comm Space Heat	47	29		$0.00	$0.00	$ -	1,345			$ -	$ -	$ -								$ -	$ -	3.24395%	$ 4,362	3.24395%	$ -	$ 4,362	$ -	$ 4,362	$ 4,362	$ 4,798		
G267	Premium HVAC	11233 - 2	PHVAC: Enable Morning Warmup	5		5	0.25	Comm Flat	174	12		$0.00	$0.00	$ -	2,121			$ -	$ -	$ -								$ -	$ -	2.23193%	$ 4,734	2.23193%	$ -	$ 4,734	$ -	$ 4,734	$ 4,734	$ 5,207		
G268	Premium HVAC	11234 - 1	PHVAC: Ventilation - Demand Control	10		10	0.10	Comm Space Heat	8	68		$0.00	$0.00	$ -	410			$ -	$ -	$ -								$ -	$ -	6.16732%	$ 2,528	6.16732%	$ -	$ 2,528	$ -	$ 2,528	$ 2,528	$ 2,780		
G269	Premium HVAC	11234 - 2	PHVAC: Ventilation - Demand Control	10		10	0.10	Comm Space Heat	57	7		$0.00	$0.00	$ -	412			$ -	$ -	$ -								$ -	$ -	6.16732%	$ 2,541	6.16732%	$ -	$ 2,541	$ -	$ 2,541	$ 2,541	$ 2,795		
G270	Premium HVAC	11235 - 2	PHVAC: Sensor - Replacement	5		5	0.08	Comm Flat	210	3		$0.00	$0.00	$ -	668			$ -	$ -	$ -								$ -	$ -	2.23193%	$ 1,492	2.23193%	$ -	$ 1,492	$ -	$ 1,492	$ 1,492	$ 1,641		
G271	Premium HVAC	11754 - 1	PHVAC: Damper - Repair	5		5	1.57	Comm Space Heat	30	692		$0.00	$0.00	$ -	13,192			$ -	$ -	$ -								$ -	$ -	3.24395%	$ 42,781	3.24395%	$ -	$ 42,781	$ -	$ 42,781	$ 42,781	$ 47,059		
G272	Premium HVAC	11754 - 2	PHVAC: Damper - Repair	5		5	2.46	Comm Flat	174	108		$0.00	$0.00	$ -	20,942			$ -	$ -	$ -								$ -	$ -	2.23193%	$ 46,072	2.23193%	$ -	$ 46,072	$ -	$ 46,072	$ 46,072	$ 50,679		
			Program Total			**5.85**									**41,931**		**0%**	**$ 79,763**	**$ 11,070**	**$ 172,397**	**$ 183,185**	**$ -**	**$ 90,813**	**$ 263,448**			**$ 84,384**	**$ 244,454**	**$ -**									**$ 151,862**	**$ 145,840**	**1.56**	**0.59**

Go to Summary

Discount Rate 7.80%

Overhead Dollars

Not Used - total only Not used - total only

paste	paste	paste	paste	paste	paste	Formula: E + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
G262	Small Business Direct Install	11179 - 1	Sealing - Auto Closer - Walk In Doors - Low Temp	8		8	0.00	Comm Flat	3	6		$0.00	$0.00	$ -	17			$ -	$ -	$ -					
G262	Small Business Direct Install	11187 - 1	Sealing - Gasket -Reach In Glass Door - Med Temp	4		4	0.07	Comm Flat	2	14		$0.00	$0.00	$ -	28			$ -	$ -	$ -					
G262	Small Business Direct Install	11189 - 1	SDI- Sealing - Gasket - Walk In Cooler Door- Main - T	4		4	0.18	Comm Flat	6	11		$0.00	$0.00	$ -	68			$ -	$ -	$ -					
G262	Small Business Direct Install	11191 - 1	SDI- Sealing - Gasket - Walk In Freezer Door - Main -	4		4	0.07	Comm Flat	3	9		$0.00	$0.00	$ -	27			$ -	$ -	$ -					
G262	Small Business Direct Install	11316 - 1	SBDI- Aerator - GWH - All Others	10		10	4.07	Comm Water Heat	95	7		$13.09	$13.09	$ -	668			$ 1,244	$ -	$ 1,244				$ 132.65	
G262	Small Business Direct Install	11318 - 1	SBDI- Aerator - GWH - Small	10		10	0.05	Comm Water Heat	4	2		$13.09	$13.09	$ -	8			$ 52	$ -	$ 52				$ 43.60	
G262	Small Business Direct Install	11320 - 2	SBDI- Aerator - GWH - Restaurant	10		10	1.17	Comm Water Heat	19	9		$13.09	$13.09	$ -	177			$ 249	$ -	$ 249				$ 188.30	
G262	Small Business Direct Install	11322 - 1	SBDI- Aerator - GWH - Retail	10		10	0.04	Comm Water Heat	1	7		$13.09	$13.09	$ -	7			$ 13	$ -	$ 13				$ 132.65	
G262	Small Business Direct Install	11214 - 1	SBDI- Showerhead - DI - Any Comm - GWH - 1.5 gpm	10		10	0.20	Comm Water Heat	3	10		$28.70	$28.70	$ -	30			$ 86	$ -	$ 86					
G262	Small Business Direct Install	11171 - 1	SBDI- Sprayhead - GWH - 0.85 gpm - from 1.6	4		4	0.65	Comm Water Heat	7	35		$76.30	$76.30	$ -	246			$ 534	$ -	$ 534					
G262	Small Business Direct Install	11177 - 1	SBDI- Sprayhead - GWH - 0.85 gpm - from 2.0	4		4	0.24	Comm Water Heat	1	91		$76.30	$76.30	$ -	91			$ 76	$ -	$ 76					
G262	Small Business Direct Install	11209 - 1	SBDI- Sprayhead - GWH - 0.85 gpm - not FI	4		4	0.53	Comm Water Heat	4	50		$76.30	$76.30	$ -	200			$ 305	$ -	$ 305					
			Program Total				7.36								1,526	0%	$ 82,343	$ 1,975	$ -	$ 3,559	$ -	$ 84,318	$ 84,902		

paste	Total Benefits UCT = formula: U/(1+Elec DiscountRate)	Total Benefits TRC = formula: V/(1+Elec DiscountRate)	formula: PV(Elec DiscountRat	formula: PV(Elec DiscountR																				
Sch. No.	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Enjoyment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscited Total	Discement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
G262			$ -	$ -	3.390684	$ 57.17	3.390684	$ -	$ 57	$ -	$ 57	$ 57	$ 65		
G262			$ -	$ -	1.818859	$ 51	1.818859	$ -	$ 51	$ -	$ 51	$ 51	$ 66		
G262			$ -	$ -	1.818859	$ 124	1.818859	$ -	$ 124	$ -	$ 124	$ 124	$ 137		
G262			$ -	$ -	1.818859	$ 49	1.818859	$ -	$ 49	$ -	$ 49	$ 49	$ 53		
G262			$ 85,469	$ -	4.435412	$ 2,739	4.435412	$ -	$ 2,739	$ -	$ 2,739	$ 2,739	$ 88,482		
G262			$ 3,107	$ -	4.435412	$ 35	4.435412	$ -	$ 35	$ -	$ 35	$ 35	$ 3,146		
G262			$ 24,258	$ -	4.435412	$ 784	4.435412	$ -	$ 784	$ -	$ 784	$ 784	$ 25,120		
G262			$ 906	$ -	4.435412	$ 29	4.435412	$ -	$ 29	$ -	$ 29	$ 29	$ 931		
G262			$ -	$ -	4.435412	$ 133	4.435412	$ -	$ 133	$ -	$ 133	$ 133	$ 146		
G262			$ -	$ -	1.917284	$ 472	1.917284	$ -	$ 472	$ -	$ 472	$ 472	$ 520		
G262			$ -	$ -	1.917284	$ 174	1.917284	$ -	$ 174	$ -	$ 174	$ 174	$ 191		
G262			$ -	$ -	1.917284	$ 383	1.917284	$ -	$ 383	$ -	$ 383	$ 383	$ 422		
			$ 78,239	$ 78,781	$ 111,733							$ 5,058	$ 117,266	0.06	1.49

Go to Summary

Discount Rate 7.80%

Overhead Dollars:

Paste in incentives that are DIRC for Total

Not Used - total only Not used - total only

	paste	paste	paste	paste	paste	paste	Formula: E + G	formula	paste	paste	paste	paste	paste	paste	formula O - N		Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste		formula P*K		paste	unused mostly	formula: S + T	formula: S + V			Total PV Costs U(1+ElecDiscountRate)^-1	Total PV Costs V(1+ElecDiscountRate)^-1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR							Total Benefits UC1 - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings (AE)*(1.1+AD)+AE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	Measure Version	Measure Name Tracking	First Period Measure Life	Second period Measure Life	Total Measure Life		Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unedjusted Total	Discemment	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
52362	Small Ag Ot							12.00	Grows Lighting	1	0		$0.00	$0.00		0	0%	$ 162	$ (454)	$ -	$ (454)	$ -	$ (292)	$ (292)			$ (271)	$ (271)	$ -	$ -								$ -	$ -	0.00	0.00
			Program Total					12.00																																			

Go to Summary

Discount Rate 7.80%

Overhead Budget

Not Used - total only Not used - total only

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Enjoyment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscoted Total	Discoment	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
				paste	paste	paste	paste	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * SIS2 Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	Total PV Cost formula: U(1+ElecDiscountRate) -1	Total PV Benefit formula: V/(1+ElecDiscountRate))-1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR								Total Benefits UC1 - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings - (AF)*L1+AD+ΔE	formula: AM/AB	formula: AN/AC	
G249	Residential Energy Reports	U709 - 2	RER: Energy Report - Expansion - HRU	2		2	0.40	Res Water Heat	21,277	3		$ 1.00	$ 1.00	$ -	63,831			$ 21,277	$ -	$ 21,277								$ -	$ -	0.945253	$ 60,336.46	0.945253	$ -	$ 60,336	$ -	$ 60,336	$ 60,336	$ 46,370		
G249	Residential Energy Reports	U710 - 2	RER: Energy Report - Expansion - Rural	2		2	0.71	Res Water Heat	27,956	4		$ 1.00	$ 1.00	$ -	111,824			$ 27,956	$ -	$ 27,956								$ -	$ -	0.945253	$ 105,702	0.945253	$ -	$ 105,702	$ -	$ 105,702	$ 105,702	$ 118,272		
G249	Residential Energy Reports	U711 - 2	RER: Energy Report - Refill	2		2	0.89	Res Water Heat	28,246	5		$ 1.00	$ 1.00	$ -	141,230			$ 28,246	$ -	$ 28,246								$ -	$ -	0.945253	$ 133,498	0.945253	$ -	$ 133,498	$ -	$ 133,498	$ 133,498	$ 146,848		
			Program Total				**2.00**								**316,885**	**0%**	**$ 277,768**	**$ 126,439**	**$ -**	**$ 277,478**	**$ -**	**$ 403,709**	**$ 355,239**			**$ 374,686**	**$ 329,427**	**$ -**	**$ -**								**$ 299,537**	**$ 329,488**	**0.80**	**1.00**

Go to Summary

Discount Rate 7.80%

Overhead Dollars

Not Used - total only Not used - total only

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	formula: R * 50/52 Not Used Paste	paste	formula v-t	paste	unused mostly	formula: S + T	formula: S + V	paste	paste
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M
G262	Lodging Direct Install	11331 - 1	LGDI: Aerator - GWH - All Others	10		10	5.79	Comm Water Heat	551	2		$13.09	$13.09	$ -	3,452			$ 8,951	$ -	$ 8,951				$ 132.69	
G262	Lodging Direct Install	11695 - 1	LGDI: Showerhead - DI - Any Comm - GWH - 1.5 gpf	10		10	3.74	Comm Water Heat	223	10		$28.70	$28.70	$ -	2,230			$ 6,400		$ 6,400					
G262	Lodging Direct Install	11687 - 1	LGDI: Showerhead - DI - Fit Clr - GWH 1.5 gpm	10		10	0.31	Comm Water Heat	1	103		$28.70	$28.70	$ -	103			$ 29		$ 29					
G262	Lodging Direct Install	11700 - 1	LGDI: Spraywand - GWH - 0.65 gpm - not Ft	4		4	0.07	Comm Water Heat	2	50		$76.30	$76.30	$ -	100			$ 153		$ 153					
			Program Total			**9.98**									**5,903**	**0%**	**$ 51,294**	**$ 12,840**	**$ -**	**$ 13,533**	**$ -**	**$ 63,134**	**$ 64,826**		

paste	paste	Total PV Benefits UC formula: U/(1+ElecDiscountRate) -1	Total PV Benefits TRC formula: V/(1+ElecDiscountRate) -1	formula: PV(ElecDiscountRat	formula: PV(ElecDiscountR													Total Benefits UC/I - Total Benefits TRC formula: Logic to lookup from AC tables and adjust	formula: Utility Savings - (AF)*(L1+AI)+ΔE	formula: AM/AB	formula: AN/AC
Sch. No.	Order Number - Program Name	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Enjoyment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Discount	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
G262	Lodging Direct Install	$ -	$ -	$ 477,726	$ -	4.43541J	$ 15,308.82	4.43541J	$ -	$ 15,309	$ -	$ 15,309	$ 15,309	$ 494,585		
G262	Lodging Direct Install			$ -	$ -	4.43541J	$ 8,860.87	4.43541J	$ -	$ 8,861	$ -	$ 8,861	$ 8,861	$ 10,880		
G262	Lodging Direct Install			$ -	$ -	4.43541J	$ 811.68	4.43541J	$ -	$ 812	$ -	$ 812	$ 812	$ 893		
G262	Lodging Direct Install			$ -	$ -	1.91726A	$ 191.73	1.91726A	$ -	$ 192	$ -	$ 192	$ 192	$ 211		
		$ 58,768	**$ 60,153**	**$ 477,726**									**$ 26,283**	**$ 506,549**	**0.45**	**0.42**

Gas Conservation Cost Effectiveness Standard, 2016-2017

Includes Both Capacity, Energy, but does not include 10% conservation credit

Measure Life	Single Family Space Heat	Single Family Water Heat	For MFNC OFFICE_SPACE_HEAT_FURNACE	RESTAURANT_COOKING	For MFNC RESTAURANT_WATER_HEAT	For MFNC Industrial
	Res Space Heat	Res Water Heat	Comm Space Heat	Comm Cooking	Comm Water Heat	Comm Flat
1	0.616559808225830	0.480478975087805	0.596406664534036	0.484889626822717	0.482606527125390	0.481263837942013
2	1.207998250966960	0.945253317654067	1.166424554643670	0.954170140792045	0.949572213028902	0.946752618536329
3	2.006147792051220	1.435628765118540	1.890921480129110	1.454582314850040	1.444689332149650	1.392267642114420
4	2.761087636282890	1.903814008431670	2.577460788740330	1.932101938309540	1.917284457856490	1.818838846041870
5	3.491947771642750	2.357496095057850	3.242857701266590	2.394805187088200	2.375225214985200	2.231909959811450
6	4.189569719337450	2.795401928014100	3.880044553765750	2.841161444984160	2.817118594862220	2.632101247402020
7	4.854258556808010	3.216765889270190	4.488945758772360	3.270440282062690	3.242215832998960	3.018440251629350
8	5.485455171493990	3.621526697561420	5.068156567301990	3.682651279072130	3.650494541192970	3.390683560401680
9	6.088480439481950	4.012425464646010	5.622880809521900	4.080712805770540	4.044791092843290	3.751353149073540
10	6.678956407181240	4.399998124776500	6.167322225733820	4.474757638089120	4.435411670177220	4.109538775991010
11	7.277655738175750	4.812663727221320	6.722572547392420	4.893113178307220	4.850733616761940	4.492739670513710
12	7.849973052719520	5.206089488126520	7.255574825141510	5.292387946720140	5.246925724855370	4.860795750682340
13	8.389205305588520	5.579034924721950	7.758262519472960	5.670716171946260	5.622413309827300	5.210217572140250
14	8.907546464107030	5.940793500649230	8.243379138459020	6.037505905383930	5.986554853611320	5.550120822859090
15	9.406557499432130	6.287216578176710	8.711065150539950	6.388826436541160	6.335302920395560	5.875192429541650
16	9.875288234808400	6.616824198325680	9.149407520156980	6.722996170923350	6.667070393180560	6.185061583591400
17	10.320847624518500	6.932601339402860	9.566767100669240	7.043029383664260	6.984862990247750	6.482523843350550
18	10.744567851343800	7.235247373921650	9.964320273733860	7.349646167232510	7.289389835056800	6.768175690203180
19	11.148282568326200	7.525534945473730	10.343624996894200	7.643653879992880	7.581439859926460	7.042701524867610
20	11.536985586252200	7.804815659506770	10.708681635253900	7.926523212100680	7.862420389690910	7.306627220474720
21	11.907346462333500	8.072672575719580	11.056981357324100	8.197742982559880	8.131870527962930	7.560242893717160
22	12.257730311749900	8.327012299424990	11.386783096713600	8.455233802803630	8.387703445265730	7.801374241990230
23	12.589247246928700	8.568524583170930	11.699095710843300	8.699699195434830	8.630615382008080	8.030636164225780
24	12.902943544267400	8.797863445942590	11.994871264194300	8.931806029445480	8.861266412464020	8.248613247779300
25	13.202604003692100	9.016180215427220	12.277177218156600	9.152791739757360	9.080848156976650	8.455861264490410
26	13.486157374999500	9.223493421213930	12.544535979784700	9.362606572871060	9.289347274791400	8.652908592770600
27	13.754495000322000	9.420363590539320	12.797759676079100	9.561821893687690	9.487329400961510	8.840257569385330
28	14.008457204093500	9.607322278721490	13.037614916455200	9.750979373383750	9.675330859171880	9.018385774415210
29	14.248836321926300	9.784873595845510	13.264825435038300	9.930592565257560	9.853860211504380	9.187747252707540
30	14.478398042919300	9.953878754052870	13.481638911300200	10.101584954014700	10.023807812192500	9.348773674964980

Electric Conservation Cost Effectiveness Standard. 2016-2017

Includes Energy and Capacity and does NOT apply the conservation Credit to energy or capacity

Measure Life	Single Family Space Heat	Single Family Heat Pump	Multifamily Space Heat	Residential Water Heat	Residential Refrigerator	Residential Plug Load	Residential Lighting	Commercial Space Heat	Commercial Refrigeration	Commercial Cooling	Commercial Cooking	Commercial Lighting	Commercial Flat	Commercial Water Heat	Multifamily Heat Pump	Residential Dryer
	SF Space Heat	SF Heat Pump	MF Space Heat	Res Water Heat	Res Refrigerator	Res Plug Load	Res Lighting	Comm Space Heat	Comm Refrigeration	Comm Cooling	Comm Cooking	Comm Lighting	Comm Flat	Comm Water Heat	MH Heat Pump	Res Dryer
1	0.139577943	0.130523396	0.119612529	0.076387879	0.065093038	0.078911891	0.079566818	0.185614204	0.07146244	0.044823543	0.072634521	0.078524053	0.072630656	0.072752508	0.113441924	0.076633
2	0.270991333	0.253436802	0.232388201	0.148780959	0.128530793	0.153652604	0.154939297	0.359804659	0.13913261	0.087307374	0.141490419	0.152617533	0.141435686	0.141754166	0.22042474	0.149201
3	0.39488418	0.369375503	0.338621143	0.217344987	0.187857275	0.224388452	0.226831098	0.523464946	0.203141955	0.127492008	0.206713152	0.222470242	0.206532798	0.207039586	0.321456143	0.21785
4	0.511897083	0.479902748	0.43952071	0.282852077	0.244503656	0.291705118	0.294235152	0.677565857	0.264172601	0.166281674	0.268868967	0.288607736	0.268574463	0.269331462	0.417059545	0.283222
5	0.622404783	0.582458259	0.534794808	0.344845515	0.298616996	0.355793631	0.358912794	0.822635521	0.322426922	0.203830447	0.328146726	0.352384244	0.327754712	0.328677247	0.507604542	0.345501
6	0.727456053	0.681043428	0.625636027	0.404799966	0.351053806	0.417550646	0.421218304	0.960111911	0.378830182	0.241126082	0.385413155	0.413696153	0.384072272	0.38604553	0.594038326	0.405594
7	0.826876441	0.774459253	0.711768001	0.462015577	0.401271132	0.476503202	0.480666952	1.090157091	0.432848356	0.277407114	0.440168107	0.472415662	0.439725485	0.440900774	0.676105958	0.462998
8	0.920868141	0.862822542	0.793336081	0.516530026	0.446217604	0.53282999	0.537271422	1.21250991	0.484267374	0.312015159	0.49234669	0.528077279	0.491862432	0.49317112	0.753872637	0.51764
9	1.009910105	0.946568525	0.870709506	0.568533378	0.495015152	0.586124088	0.591277262	1.327911853	0.533221066	0.344950334	0.542150225	0.580860635	0.541527634	0.543059516	0.827677944	0.569689
10	1.09442707	1.026123079	0.944307234	0.618409769	0.539055161	0.637391935	0.643044418	1.437049542	0.580271993	0.377146394	0.589990366	0.631532233	0.58923658	0.590960864	0.897934071	0.619635
11	1.177326625	1.104460231	1.016833011	0.668836676	0.58386205	0.689046812	0.69523975	1.54288378	0.628012339	0.411138028	0.638359157	0.682694539	0.637552883	0.63946025	0.96746183	0.670068
12	1.255789286	1.178609459	1.085633497	0.716591926	0.626391187	0.738023677	0.744688338	1.642999223	0.673346861	0.443621421	0.6843176	0.731380906	0.683429664	0.68549831	1.03335664	0.717935
13	1.329561266	1.2483951 5	1.150344899	0.761690517	0.666602647	0.784284219	0.791382686	1.737177781	0.716205884	0.474442056	0.727745328	0.777376504	0.726760094	0.729006343	1.09544192	0.763145
14	1.399633391	1.314720806	1.211885024	0.80501357	0.705282614	0.828640463	0.836192492	1.82608837	0.757271644	0.50413247 8	0.769451783	0.82124437	0.768370085	0.770784528	1.154533667	0.806491
15	1.465886859	1.377419716	1.270145544	0.846067028	0.741980197	0.870688318	0.878848211	1.910065566	0.796196787	0.532266768	0.809005947	0.862803536	0.807777069	0.810490183	1.210445556	0.847572
16	1.528455244	1.436670284	1.325245902	0.885107859	0.776966633	0.91066853	0.919035945	1.98916741	0.833256152	0.559250171	0.846673244	0.902300178	0.845292845	0.84813985	1.263361502	0.886643
17	1.587502949	1.492682899	1.377314369	0.920383859	0.810188875	0.94895719	0.957289231	2.06379316	0.868511568	0.585296502	0.882402284	0.939024216	0.880322033	0.883032093	1.313440333	0.923899
18	1.643381329	1.545722845	1.42685546	0.957400061	0.842038941	0.98475768	0.993805431	2.13440787	0.902332179	0.61087642 2	0.918604022	0.976092302	0.915076281	0.918310818	1.36090085	0.959166
19	1.696422709	1.596103571	1.473650728	0.991157994	0.872531093	1.019314043	1.028640937	2.201127362	0.934591486	0.6347787	0.949257419	1.010417477	0.947668997	0.950902342	1.406168938	0.992996
20	1.746608639	1.643830133	1.518196708	1.023366776	0.90166482	1.052253279	1.061859598	2.264068458	0.965304447	0.657706497	0.980413445	1.042064107	0.978724429	0.9821083	1.449057844	1.025227
21	1.795794913	1.688834057	1.560214949	1.053830429	0.929243398	1.083401138	1.093273216	2.323313154	0.994365066	0.674477894	1.009892123	1.073741937	1.008106009	1.011634118	1.489529007	1.055711
22	1.843494477	1.731276511	1.599854251	1.082644556	0.955352283	1.112658244	1.122983094	2.379088602	1.021864693	0.700151979	1.037786565	1.102852042	1.035906781	1.03957307	1.527723761	1.084546
23	1.891241983	1.771308762	1.637254322	1.109907101	0.980072073	1.140719358	1.1510846	2.43160052	1.047890611	0.719784766	1.06418453	1.130382522	1.062214431	1.066013066	1.56377486	1.111825
24	1.937783302	1.809072806	1.672546353	1.135698602	1.005478797	1.167073739	1.177667625	2.48105217	1.072523355	0.736429363	1.089168745	1.156426847	1.08711161	1.090139075	1.597807023	1.137633
25	1.983878218	1.844701952	1.705835352	1.16010296	1.025644181	1.192005471	1.20281682	2.527626961	1.095840005	0.754136121	1.112817203	1.18106619	1.110676232	1.114722925	1.629037436	1.162053
26	2.029025875	1.878321379	1.737291657	1.183196838	1.046635902	1.215593778	1.226611954	2.574198787	1.11791296	0.772952783	1.135203441	1.204378728	1.132981755	1.137144581	1.660276224	1.185161
27	2.073920203	1.910048644	1.766969395	1.20505284	1.066517624	1.23791331	1.2491282	2.621830451	1.138810499	0.788924622	1.156396813	1.226438135	1.15409745	1.158374114	1.689026889	1.207031
28	2.118450313	1.939994167	1.79498893	1.225739328	1.085350223	1.259034425	1.270436408	2.651774632	1.158597025	0.804094571	1.176462726	1.247313845	1.174088642	1.178468945	1.71598673	1.22773
29	2.162700859	1.968261677	1.821446369	1.245320753	1.103189993	1.27902344	1.290663366	2.68847449 3	1.177333201	0.818503347	1.195462882	1.267071311	1.193016948	1.197488979	1.741547222	1.247324
30	2.206752388	1.994948634	1.846431649	1.263857896	1.120090845	1.29794287	1.309692037	2.72306429	1.195076619	0.832185567	1.213455492	1.285772239	1.210940495	1.215519826	1.76569438	1.265872

Go to Summary

Discount Rate: 7.80%

Check | Paste | Not Used | Not used - total only | Paste to Incentives Report DSM Qty Total | Check This | Paste | Not Used - total only | Not used - total only | Total PV Benefit UC formula: U/(1+ElecDiscountRate) | Total PV Benefit TRC formula: V/(1+ElecDiscountRate) | formula: PV(ElecDiscountRate | formula: PV(ElecDiscountR | Total Benefits UCT - Total Benefits TRC formula: Logic to lookup from AC tables and adjust | formula: Utility Savings (AF)*(1.1+AD+AE | formula: AM/AB | formula: AN/AC

paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	formula O - N	Paste	Paste - Not Used	Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste																
Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savings per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Equipment O&M	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Undiscited Total	Discrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
EZ14	18230625 - HomePrint (B)		HEA - Vendor - E	1	0	1	0.00	SF Space Heat	15,000	0	0	$136.00	$136.00	$ -	0				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
EZ14	18230625 - HomePrint (B)		HEA - CAN - E	1	0	1	0.00	SF Space Heat	7,400	0	0	$118.00	$118.00	$ -	0				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
EZ14	18230625 - HomePrint (B)		MH - HEA - Vendor -E	1	0	1	0.00	SF Space Heat	2,400	0	0	$112.00	$112.00	$ -	0				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
EZ14	18230625 - HomePrint (B)		MH - HEA - CAN - E	1	0	1	0.00	SF Space Heat	400	0	0	$97.00	$97.00	$ -	0				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
EZ14	18230625 - HomePrint (B)		A-Lamp LED	12	0	12	2.51	Res Lighting	304,000	21	0	$2.69	$2.69	$ -	2,149,680				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		Globe LED	12	0	12	1.64	Res Lighting	78,000	18	0	$3.19	$3.19	$ -	1,411,020				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		Reflector LED	12	0	12	4.59	Res Lighting	100,000	39	0	$3.60	$3.60	$ -	3,941,000				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		Candelabra LED	12	0	12	0.75	Res Lighting	40,000	16	0	$3.75	$3.75	$ -	640,400				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		MH - A-Lamp LED	12	0	12	0.36	Res Lighting	15,000	21	0	$2.69	$2.69	$ -	310,050				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		MH - Globe LED	12	0	12	0.08	Res Lighting	3,800	18	0	$3.19	$3.19	$ -	68,742				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		MH - Reflector LED	12	0	12	0.09	Res Lighting	2,000	39	0	$3.60	$3.60	$ -	78,820				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14A	18230625 - HomePrint (B)		MH - Candelabra LED	12	0	12	0.01	Res Lighting	800	16	0	$3.75	$3.75	$ -	12,808				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
EZ14	18230625 - HomePrint (B)		Showerhead Fixed 1.5 GPM - EWH - Lease Behind	7	3	10	0.64	Res Water Heat	4,000	166	92	$3.51	$3.51	$ -	664,000				$ -			$ -	$ -			$ -	$ -	$ -	$ -	3.216766	$ 2,135,933	4.399998	$ 1,619,199	$ 3,755,132	$ 1,183,773	$ 2,571,362	$ 2,571,362	$ 2,828,498		
EZ14	18230625 - HomePrint (B)		Showerhead 1.5 GPM - EWH - Lease Behind	7	3	10	0.58	Res Water Heat	1,100	165	92	$8.00	$8.00	$ -	182,600				$ -			$ -	$ -			$ -	$ -	$ -	$ -	3.216766	$ 1,910,339	4.399998	$ 457,279	$ 3,379,618	$ 1,065,355	$ 314,226	$ 314,226	$ 345,648		
EZ14	18230625 - HomePrint (B)		Aerator 1.5 GPM - EWH - Lease Behind	10	0	10	0.05	Res Water Heat	1,000	31	0	$1.28	$1.28	$ -	43,400				$ -			$ -	$ -			$ -	$ -	$ -	$ -	4.399998	$ 218,240	4.399998	$ -	$ 218,240	$ -	$ 218,240	$ 218,240	$ 240,064		
EZ14	18230625 - HomePrint (B)		Aerator 1.0 GPM - EWH - Lease Behind	10	0	10	0.10	Res Water Heat	2,000	53	0	$0.49	$0.49	$ -	106,000				$ -			$ -	$ -			$ -	$ -	$ -	$ -	4.399998	$ 466,400	4.399998	$ -	$ 466,400	$ -	$ 466,400	$ 466,400	$ 513,040		
EZ14	18230625 - HomePrint (B)		EW - Water Treatment Savings - Gas SH	10	0	10	0.05	Res Water Heat	2,400	[illegible]	0	$0.00	$0.00	$ -	51,800				$ -			$ -	$ -			$ -	$ -	$ -	$ -	4.399998	$ 227,920	4.399998	$ -	$ 227,920	$ -	$ 227,920	$ 227,920	$ 250,712		
EZ14	18230625 - HomePrint (B)		Aerator/Hot Pipe Insulation - Gas	5	0	5	0.00	Res Water Heat	100	[illegible]	0	$47.00	$47.00	$ 10	2,000				$ -			$ -	$ -			$ -	$ -	$ -	$ -	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	$ -	$ -		
EZ14	18230625 - HomePrint (B)		MH - Showerhead Fixed 1.5 GPM - EWH - Lease Behi	7	3	10	0.13	Res Water Heat	700	187	96	$3.51	$3.51	$ -	130,900				$ -			$ -	$ -			$ -	$ -	$ -	$ -	3.216766	$ 421,075	4.399998	$ 280,280	$ 701,355	$ 204,908	$ 496,447	$ 496,447	$ 546,091		
EZ14	18230625 - HomePrint (B)		MH - Showerhead HI 1.5 GPM - EWH - Lease Behi	7	3	10	0.08	Res Water Heat	400	187	96	$2.00	$2.00	$ -	74,800				$ -			$ -	$ -			$ -	$ -	$ -	$ -	3.216766	$ 239,491	4.399998	$ 160,160	$ 400,651	$ 116,727	$ 283,144	$ 283,144	$ 311,458		
			Program Total			**11.67**									**16,246,578**	**0%**	**$ 96,485**	**$ -**	**$ -**		**$ -**	**$ -**	**$ -**			**$ -**	**$ -**	**$ -**	**$ -**								**#N/A**	**#N/A**	**#N/A**	**#N/A**

Summary

Discount Rate: 7.80%

Check | Paste | Overhead Budget: | Not Used | only | but use DBtC for | Check This | Paste | Not Used - total only | Not used - total only | Total PV Costs UCT | Total PV Costs TRC | Total Benefits UCT | Total Benefits TRC

Sch. No.	Order Number - Program Name	Measure Version	Measure Name	First Period Measure Life	Second period Measure Life	Total Measure Life	Weighted Life	Electric End-Use Type	Number of units offered	Savings per Unit Period 1	Savngs per Unit Period 2	Incentives Per Unit	Incremental Measure Cost per Unit	Agency or Customer Cost per Unit	Total First Year Savings
paste	paste	paste	paste	paste	paste	Formula: F + G	formula	paste	paste	paste	paste	paste	paste	formula O - N	Paste
E262	HomePrint	10748 - 1	HMPT: Home Energy Audit - CAN - E	1		1	0.00	SF Space Heat	132	0		$141.00	$141.00	$ -	0
E214	HomePrint	10748 - 2	HMPT: Home Energy Audit - CAN - E	1		1	0.00	SF Space Heat	2,942	0		$121.00	$121.00	$ -	0
E214	HomePrint	10749 - 3	HMPT: Home Energy Audit - Service Provider - E	1		1	0.00	SF Space Heat	464	0		$100.00	$100.00	$ -	0
E214	HomePrint	10749 - 4	HMPT: Home Energy Audit - Service Provider - E	1		1	0.00	SF Space Heat	6,988	0		$144.00	$144.00	$ -	0
E214	HomePrint	10750 - 1	HMPT: Home Energy Audit - CAN - MH	1		1	0.00	SF Space Heat	39	0		$121.00	$121.00	$ -	0
E214	HomePrint	10750 - 2	HMPT: Home Energy Audit - CAN - MH	1		1	0.00	SF Space Heat	365	0		$100.00	$100.00	$ -	0
E214	HomePrint	10751 - 1	HMPT: Home Energy Audit - Service Provider - MH	1		1	0.00	SF Space Heat	19	0		$105.00	$105.00	$ -	0
E214	HomePrint	10751 - 2	HMPT: Home Energy Audit - Service Provider - MH	1		1	0.00	SF Space Heat	523	0		$115.00	$115.00	$ -	0
E214	HomePrint	10744 - 1	HMPT: Power Strip - Advanced	5		5	0.04	Res Plug Load	189	216		$42.00	$42.00	$ -	40,824
E214	HomePrint	10743 - 2	HMPT: Lamp - LED - A Lamp - MH	12		12	0.37	Res Lighting	7,615	21		$3.65	$3.65	$ -	157,402
E214	HomePrint	10745 - 3	HMPT: Lamp - LED - Globe - DI	12		12	1.30	Res Lighting	30,870	18		$5.30	$5.30	$ -	558,438
E214	HomePrint	10746 - 2	HMPT: Lamp - LED - Globe - MH	12		12	0.08	Res Lighting	1,887	18		$5.30	$5.30	$ -	34,136
E214	HomePrint	10747 - 5	HMPT: Lamp - LED - A Lamp - DI	12		12	0.18	Res Lighting	3,762	21		$0.00	$0.00	$ -	77,761
E214	HomePrint	10747 - 6	HMPT: Lamp - LED - A Lamp - DI	12		12	3.20	Res Lighting	66,232	21		$3.65	$3.65	$ -	1,369,015
E214	HomePrint	10752 - 4	HMPT: Lamp - LED - Reflector - BR30 - DI	12		12	4.16	Res Lighting	45,216	39		$0.00	$0.00	$ -	1,781,963
E214	HomePrint	10753 - 2	HMPT: Lamp - LED - Reflector - BR30 - MH	12		12	0.07	Res Lighting	754	39		$5.30	$5.30	$ -	29,715
E214	HomePrint	10754 - 1	HMPT: Aerator - EWH - 1.0 gpm	10		10	0.01	Res Water Heat	128	53		$0.59	$0.59	$ -	6,784
E262	HomePrint	10754 - 2	HMPT: Aerator - EWH - 1.0 gpm	10		10	0.22	Res Water Heat	2,143	53		$0.54	$0.54	$ -	113,579
E214	HomePrint	10755 - 1	HMPT: Aerator - EWH - 1.5 gpm	10		10	0.00	Res Water Heat	55	31		$1.54	$1.54	$ -	1,705
E214	HomePrint	10755 - 2	HMPT: Aerator - EWH - 1.5 gpm	10		10	0.04	Res Water Heat	671	31		$1.41	$1.41	$ -	20,801
E214	HomePrint	10756 - 1	HMPT: Showerhead - Fixed - LB - EWH - 1.5 gpm	10		10	0.03	Res Water Heat	50	260		$3.94	$3.94	$ -	13,000
E214	HomePrint	10756 - 2	HMPT: Showerhead - Fixed - LB - EWH - 1.5 gpm	10		10	0.73	Res Water Heat	1,577	238		$3.95	$3.95	$ -	375,326
E214	HomePrint	10757 - 1	HMPT: Showerhead - Handheld - LB - EWH - 1.5 gpr	10		10	0.05	Res Water Heat	108	260		$9.48	$9.48	$ -	28,080
E214	HomePrint	10757 - 2	HMPT: Showerhead - Handheld - LB - EWH - 1.5 gpr	10		10	0.99	Res Water Heat	2,130	238		$9.38	$9.38	$ -	506,940
E214	HomePrint	11943 - 1	HMPT: Showerhead - LB - GWH - 1.5 gpm - EIE	10		10	0.05	Res Water Heat	3,589	7		$0.00	$0.00	$ -	25,123
			Program Total				**11.52**								**5,140,592**

Measure Version	Percent Unit overhead	Program Overhead Cost	Total Incentive	Total Customer Cost	Total Incremental Measure Cost	Other Contribution Costs	Total Utility Program Costs	Total Resource Cost	Unit First Year Non-Energy Benefits	Unit Annual Net Equipment O&M	PV Total Utility Program Costs	PV Total Resource Costs	PV Total Non-Energy Benefits	PV Total Net Euipment O&M
	Paste - Not Used	formula: R * R2 Not Used Paste	paste	formula P*K	paste	unused mostly	formula: S + T	formula: S + V	paste	paste	formula: U/(1+ElecDiscountRate)^1	formula: V/(1+ElecDiscountRate)^1	formula: - PV(ElecDiscountRat	formula: - PV(ElecDiscountR
10748 - 1			$ 14.520	$ -	$ 18.612				$ -		$ -	$ -	$ -	$ -
10748 - 2			$ 323.620	$ -	$ 355.982				$ -	$ -	$ -	$ -	$ -	$ -
10749 - 3			$ 60.784	$ -	$ 46.400				$ -		$ -	$ -	$ -	$ -
10749 - 4			$ 915.428	$ -	$ 1.006.272				$ -	$ -	$ -	$ -	$ -	$ -
10750 - 1			$ 3.510	$ -	$ 4.719				$ -		$ -	$ -	$ -	$ -
10750 - 2			$ 32.850	$ -	$ 36.500				$ -	$ -	$ -	$ -	$ -	$ -
10751 - 1			$ 1.995	$ -	$ 1.995				$ -		$ -	$ -	$ -	$ -
10751 - 2			$ 54.915	$ -	$ 60.145				$ -	$ -	$ -	$ -	$ -	$ -
10744 - 1			$ 7.898	$ -	$ 7.938				$ -		$ -	$ -	$ -	$ -
10743 - 2			$ 21.078	$ -	$ 27.795				$ -		$ -	$ -	$ -	$ -
10745 - 3			$ 119.142	$ -	$ 163.611				$ -		$ -	$ -	$ -	$ -
10746 - 2			$ 6.968	$ -	$ 10.001				$ -		$ -	$ -	$ -	$ -
10747 - 5			$ 12.527	$ -	$ -				$ -		$ -	$ -	$ -	$ -
10747 - 6			$ 185.609	$ -	$ 241.747				$ -		$ -	$ -	$ -	$ -
10752 - 4			$ 181.609	$ -	$ -				$ -		$ -	$ -	$ -	$ -
10753 - 2			$ 2.957	$ -	$ 3.996				$ -		$ -	$ -	$ -	$ -
10754 - 1			$ 63	$ -	$ 76				$ 2.36		$ -	$ -	$ 2.048	$ -
10754 - 2			$ 949	$ -	$ 1.157				$ 2.36		$ -	$ -	$ 34.291	$ -
10755 - 1			$ 71	$ -	$ 85				$ 2.36		$ -	$ -	$ 880	$ -
10755 - 2			$ 784	$ -	$ 946				$ 2.36		$ -	$ -	$ 10.737	$ -
10756 - 1			$ 180	$ -	$ 197				$ 20.53		$ -	$ -	$ 6.960	$ -
10756 - 2			$ 5.093	$ -	$ 6.229				$ 20.53		$ -	$ -	$ 219.516	$ -
10757 - 1			$ 935	$ -	$ 1.024				$ 20.53		$ -	$ -	$ 15.033	$ -
10757 - 2			$ 16.241	$ -	$ 19.979				$ 20.53		$ -	$ -	$ 296.493	$ -
11943 - 1			$ -	$ -	$ -				$ -		$ -	$ -	$ -	$ -
Program Total	**0%**	**$ 118,943**	**$ 2,091,540**	**$ -**	**$ 2,015,406**	**$ -**	**$ 2,210,483**	**$ 2,134,349**			**$ 2,051,111**	**$ 1,980,466**	**$ 585,959**	

Measure Version	Unit PV First period Savings for 1 kWh	Total First Period Savings	Unit PV Savings for Second Period for 1 kWh	Total Second period Savings	Unadjusted Total	Decrement	Final UC Total Savings	PV Total Savings UC	PV Total Savings TRC	UC B/C Ratio	TRC B/C Ratio
								formula: Logic to lookup from AC tables and adjust	Formula: Utility Savings (AF)*1.1+AD+AE	formula: AM/AB	formula: AN/AC
10748 - 1	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10748 - 2	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10749 - 3	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10749 - 4	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10750 - 1	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10750 - 2	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10751 - 1	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10751 - 2	0.139578	$ -	0.139578	$ -	$ -	$ -	$ -	$ -	$ -		
10744 - 1	0.355794	$ 14.525	0.355794	$ -	$ 14.525	$ -	$ 14.525	$ 14.525	$ 15.977		
10743 - 2	0.744687	$ 117.215	0.744687	$ -	$ 117.215	$ -	$ 117.215	$ 117.215	$ 128.937		
10745 - 3	0.744687	$ 415.862	0.744687	$ -	$ 415.862	$ -	$ 415.862	$ 415.862	$ 457.448		
10746 - 2	0.744687	$ 25.421	0.744687	$ -	$ 25.421	$ -	$ 25.421	$ 25.421	$ 27.963		
10747 - 5	0.744687	$ 57.907	0.744687	$ -	$ 57.907	$ -	$ 57.907	$ 57.907	$ 63.698		
10747 - 6	0.744687	$ 1.019.488	0.744687	$ -	$ 1.019.488	$ -	$ 1.019.488	$ 1.019.488	$ 1.121.437		
10752 - 4	0.744687	$ 1.327.004	0.744687	$ -	$ 1.327.004	$ -	$ 1.327.004	$ 1.327.004	$ 1.459.704		
10753 - 2	0.744687	$ 22.128	0.744687	$ -	$ 22.128	$ -	$ 22.128	$ 22.128	$ 24.341		
10754 - 1	0.618440	$ 4.195	0.618440	$ -	$ 4.195	$ -	$ 4.195	$ 4.195	$ 6.663		
10754 - 2	0.618440	$ 70.242	0.618440	$ -	$ 70.242	$ -	$ 70.242	$ 70.242	$ 111.557		
10755 - 1	0.618440	$ 1.054	0.618440	$ -	$ 1.054	$ -	$ 1.054	$ 1.054	$ 2.040		
10755 - 2	0.618440	$ 12.864	0.618440	$ -	$ 12.864	$ -	$ 12.864	$ 12.864	$ 24.888		
10756 - 1	0.618440	$ 8.040	0.618440	$ -	$ 8.040	$ -	$ 8.040	$ 8.040	$ 15.804		
10756 - 2	0.618440	$ 232.117	0.618440	$ -	$ 232.117	$ -	$ 232.117	$ 232.117	$ 474.844		
10757 - 1	0.618440	$ 17.366	0.618440	$ -	$ 17.366	$ -	$ 17.366	$ 17.366	$ 34.136		
10757 - 2	0.618440	$ 313.512	0.618440	$ -	$ 313.512	$ -	$ 313.512	$ 313.512	$ 641.356		
11943 - 1	0.618440	$ 15.537	0.618440	$ -	$ 15.537	$ -	$ 15.537	$ 15.537	$ 17.091		
Program Total								**$ 3,674,477**	**$ 4,627,883**	**1.79**	**2.34**