

Attachment 2-1
Rhode Island Energy
Summary of Commercial & Industrial Measures

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
Identifiers					Costs		Electric				Non-Electric (MMBtu)		Carbon (Short Tons)		
Portfolio	Program	Measure	Quantity Units	Quantity	Incentive per Quantity	Incentive	Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions	
1	Electric	Large C&I New Construction	Air Cooled AC - 11.25-20 T	per kWh	295,540	\$0.25	\$73,885	221.1	3,316.0	0.0	19.1	0.0	0.0	47.8	209.3
2	Electric	Large C&I New Construction	Air Cooled AC - 20-63 T	per kWh	27,200	\$0.25	\$6,800	20.3	305.2	0.0	1.8	0.0	0.0	4.4	19.3
3	Electric	Large C&I New Construction	Air Cooled AC - 5.4-11.25 T	per kWh	50,870	\$0.25	\$12,718	38.1	570.8	0.0	3.3	0.0	0.0	8.2	36.0
4	Electric	Large C&I New Construction	AirCChiller - 150to300T	per kWh	363,687	\$0.26	\$94,559	351.6	8,087.0	18.3	96.3	0.0	0.0	76.0	332.9
5	Electric	Large C&I New Construction	AirCChiller - IPLV	per kWh	11,510	\$0.26	\$2,993	11.1	255.9	0.6	3.0	0.0	0.0	2.4	10.5
6	Electric	Large C&I New Construction	AirHP - 5.4-11.25T	per kWh	20,750	\$0.15	\$3,089	15.5	186.3	0.0	2.3	0.0	0.0	3.4	14.7
7	Electric	Large C&I New Construction	AirHP - Pkg to5.4T	per kWh	110,300	\$0.40	\$44,120	82.5	990.1	0.0	12.0	0.0	0.0	17.8	78.1
8	Electric	Large C&I New Construction	Building Shell	per kWh	9,822	\$0.50	\$4,911	7.1	177.7	0.0	0.0	0.0	0.0	1.5	6.7
9	Electric	Large C&I New Construction	CODES AND STANDARDS	per kWh	341,598	\$0.00	\$0	341.6	6,832.0	0.0	0.0	0.0	0.0	73.8	323.4
10	Electric	Large C&I New Construction	Commercial Electric Combination Oven	per kWh	53,220	\$0.18	\$9,580	39.8	477.7	6.8	6.7	0.0	0.0	8.6	37.7
11	Electric	Large C&I New Construction	Commercial Electric Convection Oven	per kWh	27,687	\$0.23	\$6,457	20.7	248.5	3.6	3.5	0.0	0.0	4.5	19.6
12	Electric	Large C&I New Construction	Commercial Electric Fryer - Standard	per kWh	6,680	\$0.09	\$617	5.0	60.0	0.9	0.8	0.0	0.0	1.1	4.7
13	Electric	Large C&I New Construction	Commercial Refrigeration	per kWh	48,593	\$0.46	\$22,353	35.2	527.5	4.2	3.0	0.0	0.0	7.6	33.3
14	Electric	Large C&I New Construction	Comprehensive Design	per kWh	366,667	\$0.47	\$172,334	154.2	2,466.9	5.8	43.0	0.0	0.0	33.3	146.0
15	Electric	Large C&I New Construction	Compressed Air	per kWh	637,058	\$0.39	\$249,090	461.0	6,915.1	69.3	62.1	0.0	0.0	99.7	436.4
16	Electric	Large C&I New Construction	Custom HVAC	per kWh	207,653	\$0.46	\$95,520	150.3	2,404.3	23.2	22.1	0.0	0.0	32.5	142.3
17	Electric	Large C&I New Construction	Deck Oven	per kWh	67,680	\$0.30	\$20,253	50.6	607.5	8.7	8.5	0.0	0.0	10.9	47.9
18	Electric	Large C&I New Construction	DHW ECM Pump - 1/20 to 1/8 HP	per kWh	2,590	\$0.39	\$1,013	1.9	29.1	0.0	0.0	0.0	0.0	0.4	1.8
19	Electric	Large C&I New Construction	DHW ECM Pump - 1/6 to 3/4 HP	per kWh	11,880	\$0.39	\$4,645	8.9	133.3	0.0	0.0	0.0	0.0	1.9	8.4
20	Electric	Large C&I New Construction	DHW ECM Pump - 1/8 to 1/6 HP	per kWh	710	\$0.39	\$278	0.5	8.0	0.0	0.0	0.0	0.0	0.1	0.5
21	Electric	Large C&I New Construction	Dishwasher - High Temperature Door Type	per kWh	6,240	\$0.22	\$1,391	4.7	70.0	0.8	0.8	0.0	0.0	1.0	4.4
22	Electric	Large C&I New Construction	Dishwasher - High Temperature Pots and Pans	per kWh	1,218	\$0.90	\$1,092	0.9	9.1	0.2	0.2	0.0	0.0	0.2	0.9
23	Electric	Large C&I New Construction	Dishwasher - High Temperature Single Tank Conveyor	per kWh	9,880	\$0.36	\$3,551	7.4	147.8	1.3	1.2	0.0	0.0	1.6	7.0
24	Electric	Large C&I New Construction	Dishwasher - High Temperature Under Counter	per kWh	36,720	\$0.29	\$10,764	27.5	274.7	4.7	4.6	0.0	0.0	5.9	26.0
25	Electric	Large C&I New Construction	Dishwasher - Low Temperature Door Type	per kWh	8,320	\$0.15	\$1,248	6.2	93.4	1.1	1.0	0.0	0.0	1.3	5.9
26	Electric	Large C&I New Construction	ECM Pump - 1/20 to 1/8 HP	per kWh	29,810	\$0.39	\$11,656	22.3	334.5	4.1	4.1	0.0	0.0	4.8	21.1
27	Electric	Large C&I New Construction	ECM Pump - 1/6 to 3/4 HP	per kWh	23,870	\$0.39	\$9,333	17.9	267.8	3.3	3.3	0.0	0.0	3.9	16.9
28	Electric	Large C&I New Construction	Freezer Glass Door - 15 to 29.9 ft3	per kWh	2,040	\$0.48	\$974	1.5	18.3	0.3	0.3	0.0	0.0	0.3	1.4

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Portfolio	Program	Identifiers			Costs		Electric				Non-Electric (MMBtu)		Carbon (Short Tons)		
		Measure	Quantity Units	Quantity	Incentive per Quantity	Incentive	Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions	
29	Electric	Large C&I New Construction	Freezer Glass Door - 30 to 49.9 ft3	per kWh	2,120	\$0.19	\$399	1.6	19.0	0.3	0.3	0.0	0.0	0.3	1.5
30	Electric	Large C&I New Construction	Freezer Solid Door - <15 ft3	per kWh	250	\$1.06	\$265	0.2	2.2	0.0	0.0	0.0	0.0	0.0	0.2
31	Electric	Large C&I New Construction	Freezer Solid Door - 15 to 29.9 ft3	per kWh	5,870	\$0.67	\$3,925	4.4	52.7	0.8	0.7	0.0	0.0	0.9	4.2
32	Electric	Large C&I New Construction	Freezer Solid Door - 30 to 49.9 ft3	per kWh	4,173	\$0.37	\$1,543	3.1	37.5	0.5	0.5	0.0	0.0	0.7	3.0
33	Electric	Large C&I New Construction	Freezer, Ultra Low Temperature	per kWh	144,960	\$0.40	\$57,993	108.4	1,084.3	18.6	18.2	0.0	0.0	23.4	102.7
34	Electric	Large C&I New Construction	High Efficiency Condensing Units - Scroll Compressor	per kWh	97,350	\$0.29	\$28,385	72.8	946.6	9.5	10.7	0.0	0.0	15.7	68.9
35	Electric	Large C&I New Construction	High Performance Contact Conveyor Toaster	per kWh	2,340	\$0.70	\$1,638	1.8	21.0	0.2	0.2	0.0	0.0	0.4	1.7
36	Electric	Large C&I New Construction	Hot Food Holding Cabinet - 1/2	per kWh	5,905	\$0.59	\$3,505	4.4	53.0	0.8	0.7	0.0	0.0	1.0	4.2
37	Electric	Large C&I New Construction	Hot Food Holding Cabinet - 3/4	per kWh	2,095	\$0.73	\$1,530	1.6	18.8	0.3	0.3	0.0	0.0	0.3	1.5
38	Electric	Large C&I New Construction	Hot Food Holding Cabinet - Full	per kWh	197	\$0.35	\$69	0.1	1.8	0.0	0.0	0.0	0.0	0.0	0.1
39	Electric	Large C&I New Construction	Ice Machine - Ice Making Head	per kWh	26,880	\$0.25	\$6,618	20.1	181.0	3.5	3.4	0.0	0.0	4.3	19.0
40	Electric	Large C&I New Construction	Ice Machine - Ice Self Contained	per kWh	1,570	\$0.28	\$439	1.2	10.6	0.2	0.2	0.0	0.0	0.3	1.1
41	Electric	Large C&I New Construction	Ice Machine - Remote/Split	per kWh	3,240	\$0.06	\$200	2.4	21.8	0.4	0.4	0.0	0.0	0.5	2.3
42	Electric	Large C&I New Construction	LEDs	per kWh	166,497	\$0.33	\$54,944	141.2	1,553.3	16.7	29.5	0.0	0.0	30.5	133.7
43	Electric	Large C&I New Construction	Other	per kWh	8,822	\$0.39	\$3,449	6.4	63.8	1.0	0.7	0.0	0.0	1.4	6.0
44	Electric	Large C&I New Construction	Packaged Terminal Air Conditioner	per kWh	13,490	\$0.25	\$3,373	10.1	151.4	0.0	0.9	0.0	0.0	2.2	9.6
45	Electric	Large C&I New Construction	PEI H2O PUMP - COMM, C	per kWh	24,680	\$0.12	\$2,962	18.6	279.7	0.3	3.6	0.0	0.0	4.0	17.7
46	Electric	Large C&I New Construction	PEI H2O PUMP - COMM, V	per kWh	1,420	\$0.12	\$170	1.1	16.1	0.0	0.2	0.0	0.0	0.2	1.0
47	Electric	Large C&I New Construction	PEI H2O PUMP - MUNI, V	per kWh	22,650	\$0.12	\$2,718	17.1	256.7	0.3	3.3	0.0	0.0	3.7	16.2
48	Electric	Large C&I New Construction	Process	per kWh	996,814	\$0.34	\$338,917	721.3	10,820.1	146.2	119.9	0.0	0.0	155.9	682.9
49	Electric	Large C&I New Construction	Refrigerated Air Dryer - CAT>400	per kWh	9,576	\$0.28	\$2,681	13.4	174.0	0.9	1.2	0.0	0.0	2.9	12.7
50	Electric	Large C&I New Construction	Refrigerated Air Dryer - CAT-200	per kWh	12,989	\$0.28	\$3,637	18.2	236.0	1.3	1.6	0.0	0.0	3.9	17.2
51	Electric	Large C&I New Construction	Refrigerated Air Dryer - CAT-300	per kWh	22,186	\$0.28	\$6,212	31.0	403.1	2.2	2.7	0.0	0.0	6.7	29.4
52	Electric	Large C&I New Construction	Refrigerated Air Dryer - CAT-400	per kWh	21,977	\$0.28	\$6,154	30.7	399.3	2.2	2.6	0.0	0.0	6.6	29.1
53	Electric	Large C&I New Construction	Refrigerated Chef Base - 35" to 54"	per kWh	5,250	\$0.52	\$2,747	3.9	47.1	0.7	0.7	0.0	0.0	0.8	3.7
54	Electric	Large C&I New Construction	Refrigerated Chef Base - 55" to 73"	per kWh	3,280	\$0.52	\$1,716	2.5	29.4	0.4	0.4	0.0	0.0	0.5	2.3
55	Electric	Large C&I New Construction	Refrigerator Glass Door - >50 ft3	per kWh	694	\$0.61	\$426	0.5	6.2	0.1	0.1	0.0	0.0	0.1	0.5
56	Electric	Large C&I New Construction	Refrigerator Glass Door - 15 to 29.9 ft3	per kWh	881	\$0.57	\$502	0.7	7.9	0.1	0.1	0.0	0.0	0.1	0.6

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Identifiers					Costs		Electric				Non-Electric (MMBtu)		Carbon (Short Tons)		
Portfolio	Program	Measure	Quantity Units	Quantity	Incentive per Quantity	Incentive	Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions	
57	Electric	Large C&I New Construction	Refrigerator Glass Door - 30 to 49.9 ft3	per kWh	1,535	\$0.42	\$640	1.1	13.8	0.2	0.2	0.0	0.0	0.2	1.1
58	Electric	Large C&I New Construction	Refrigerator Solid Door - <15 ft3	per kWh	2,890	\$1.32	\$3,825	2.2	25.9	0.4	0.4	0.0	0.0	0.5	2.0
59	Electric	Large C&I New Construction	Refrigerator Solid Door - 15 to 29.9 ft3	per kWh	5,950	\$0.69	\$4,083	4.5	53.4	0.8	0.7	0.0	0.0	1.0	4.2
60	Electric	Large C&I New Construction	Refrigerator Solid Door - 30 to 49.9 ft3	per kWh	10,210	\$1.33	\$13,544	7.6	91.6	1.3	1.3	0.0	0.0	1.7	7.2
61	Electric	Large C&I New Construction	VRF HP - 11.25T-20T	per kWh	62,130	\$0.31	\$19,453	48.8	829.5	0.0	4.1	0.0	0.0	10.5	46.2
62	Electric	Large C&I New Construction	VRF HP - 5.4T-11.25T	per kWh	999,700	\$0.27	\$265,043	785.2	13,347.8	0.0	66.0	0.0	0.0	169.7	743.3
63	Electric	Large C&I New Construction	VSD Compressor (15<=HP<=75)	per kWh	503,899	\$0.22	\$110,858	650.2	8,452.0	48.1	58.7	0.0	0.0	140.5	615.5
64	Electric	Large C&I New Construction	VSD-Non HVAC	per kWh	226,245	\$0.22	\$49,774	163.7	2,455.8	31.8	35.9	0.0	0.0	35.4	155.0
65	Electric	Large C&I New Construction	Water Source Heat Pump	per kWh	101,720	\$0.50	\$50,860	79.9	1,198.4	0.0	0.0	0.0	0.0	17.3	75.6
66	Electric	Large C&I New Construction	Zero loss condensate drain	per kWh	12,612	\$0.28	\$3,531	16.3	244.1	1.2	1.5	0.0	0.0	3.5	15.4
67	Electric	Large C&I Retrofit	Boiler, Feedwater Pump	per kWh	8,008	\$0.43	\$3,443	6.7	101.2	0.5	0.5	0.0	0.0	1.5	6.4
68	Electric	Large C&I Retrofit	Building Exhaust Fan	per kWh	246,700	\$0.43	\$106,081	207.8	3,116.7	15.9	15.9	0.0	0.0	44.9	196.7
69	Electric	Large C&I Retrofit	Building operator certification	per kWh	133,638	\$0.00	\$0	119.7	598.7	0.0	0.0	0.0	0.0	25.9	100.4
70	Electric	Large C&I Retrofit	Chiller, Water Pump	per kWh	11,279	\$0.43	\$4,850	9.5	142.5	0.7	0.7	0.0	0.0	2.1	9.0
71	Electric	Large C&I Retrofit	Commercial Refrigeration	per kWh	416,845	\$0.44	\$183,412	301.6	3,921.4	44.7	22.0	0.0	0.0	65.2	285.6
72	Electric	Large C&I Retrofit	Cooling Town Fan	per kWh	18,960	\$0.43	\$8,153	16.0	239.5	1.2	1.2	0.0	0.0	3.5	15.1
73	Electric	Large C&I Retrofit	Custom Compressed Air	per kWh	565,232	\$0.10	\$56,523	409.0	818.1	76.2	54.5	0.0	0.0	88.4	170.9
74	Electric	Large C&I Retrofit	Custom HVAC	per kWh	141,743	\$0.62	\$87,881	102.6	1,025.7	11.2	20.9	487.4	4,873.8	50.7	382.5
75	Electric	Large C&I Retrofit	Custom Motor	per kWh	337,509	\$0.44	\$148,504	244.2	3,663.6	28.7	40.5	0.0	0.0	52.8	231.2
76	Electric	Large C&I Retrofit	Custom Other	per kWh	147,875	\$0.22	\$32,533	107.0	535.0	10.5	10.1	0.0	0.0	23.1	89.7
77	Electric	Large C&I Retrofit	Custom process	per kWh	379,751	\$0.24	\$91,140	274.8	3,572.5	63.5	45.6	0.0	0.0	59.4	260.2
78	Electric	Large C&I Retrofit	Energy management system, custom	per kWh	1,442,091	\$0.43	\$620,099	1,043.6	7,304.9	113.9	212.8	0.0	0.0	225.6	988.0
79	Electric	Large C&I Retrofit	Heating Hot Water Pump	per kWh	89,737	\$0.43	\$38,587	47.8	621.0	4.2	3.2	0.0	0.0	10.3	45.2
80	Electric	Large C&I Retrofit	HVAC Fan - Return	per kWh	104,367	\$0.43	\$44,878	87.9	1,318.5	6.7	6.7	0.0	0.0	19.0	83.2
81	Electric	Large C&I Retrofit	HVAC Fan - Supply	per kWh	430,339	\$0.43	\$185,046	362.4	5,436.7	27.8	27.7	0.0	0.0	78.3	343.1
82	Electric	Large C&I Retrofit	LEDs	per kWh	393,658	\$0.31	\$122,034	333.9	1,001.6	39.7	58.9	0.0	0.0	72.2	197.1
83	Electric	Large C&I Retrofit	Lighting Controls - Dimming	per kWh	88,783	\$0.38	\$33,738	73.9	665.1	8.3	10.2	-76.1	-685.1	11.5	29.8
84	Electric	Large C&I Retrofit	Lighting Controls - Exterior	per kWh	5,619	\$0.38	\$2,135	4.7	42.1	0.5	0.6	-4.8	-43.4	0.7	1.9

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Portfolio	Program	Measure	Quantity Units	Quantity	Incentive per Quantity	Incentive	Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions	
85	Electric	Large C&I Retrofit	Lighting Controls - Integrated	per kWh	911,934	\$0.38	\$346,535	759.1	8,349.9	84.9	105.2	-781.9	-8,600.4	118.3	215.0
86	Electric	Large C&I Retrofit	Lighting Controls - Sensor	per kWh	124,754	\$0.38	\$47,407	103.8	934.6	11.6	14.4	-107.0	-962.6	16.2	41.9
87	Electric	Large C&I Retrofit	Lighting Controls - Street Light Exterior	per kWh	54,723	\$0.38	\$20,795	45.6	410.0	5.1	6.3	-46.9	-422.3	7.1	18.4
88	Electric	Large C&I Retrofit	Lighting Controls, Custom	per kWh	10,550	\$0.31	\$3,271	8.9	80.5	1.2	1.8	0.0	0.0	1.9	8.5
89	Electric	Large C&I Retrofit	Lighting Systems, Custom	per kWh	460,702	\$0.31	\$142,818	287.4	862.3	38.8	57.4	-591.4	-1,774.3	25.5	59.8
90	Electric	Large C&I Retrofit	Make Up Air Fan	per kWh	10,207	\$0.43	\$4,389	8.6	129.0	0.7	0.7	0.0	0.0	1.9	8.1
91	Electric	Large C&I Retrofit	MTVFD-BLDG EXHST FAN	per kWh	4,888	\$0.43	\$2,102	4.1	61.8	0.7	0.7	0.0	0.0	0.9	3.9
92	Electric	Large C&I Retrofit	MTVFD-HEAT HW PUMP	per kWh	62,746	\$0.43	\$26,981	52.8	792.7	9.1	9.1	0.0	0.0	11.4	50.0
93	Electric	Large C&I Retrofit	MTVFD-HVAC SUP FAN	per kWh	102,249	\$0.43	\$43,967	86.1	1,291.8	14.8	14.8	0.0	0.0	18.6	81.5
94	Electric	Large C&I Retrofit	O & M	per kWh	167,428	\$0.21	\$35,160	121.2	242.3	0.0	0.0	0.0	0.0	26.2	50.6
95	Electric	Large C&I Retrofit	Prescriptive Lighting - DuskDawn	per kWh	1,510,121	\$0.38	\$573,846	1,257.0	6,285.0	140.6	174.3	0.0	0.0	271.7	1,053.8
96	Electric	Large C&I Retrofit	Prescriptive Lighting - LED - Downstream	per kWh	8,781	\$0.31	\$2,722	7.3	21.9	2.1	2.5	-2.2	-6.6	1.5	3.9
97	Electric	Large C&I Retrofit	Prescriptive Lighting - LED General	per kWh	10,595,556	\$0.31	\$3,284,622	8,819.6	26,458.7	1,372.0	1,700.6	-3,792.4	-11,377.2	1,203.2	3,096.5
98	Electric	Large C&I Retrofit	Prescriptive Lighting - LED Replacement	per kWh	13,891	\$0.31	\$4,306	11.6	34.7	3.2	4.0	-4.4	-13.2	2.2	6.1
99	Electric	Large C&I Retrofit	Prescriptive Lighting - Linear LED - Downstream	per kWh	1,957,200	\$0.31	\$606,732	1,629.1	4,887.4	457.7	567.3	-488.7	-1,466.2	323.5	875.8
100	Electric	Large C&I Retrofit	Process Cooling	per kWh	50,387	\$0.27	\$13,604	36.5	474.0	5.6	4.0	0.0	0.0	7.9	34.5
101	Electric	Large C&I Retrofit	Sensors	per kWh	204,984	\$0.42	\$86,093	190.3	1,902.8	129.2	124.4	654.4	6,544.1	79.5	563.4
102	Electric	Large C&I Retrofit	Street Lighting - Lighting	per kWh	69,805	\$0.31	\$21,639	59.2	296.0	8.9	0.0	0.0	0.0	12.8	49.6
103	Electric	Large C&I Retrofit	Street lighting - Lighting w/ Controls	per kWh	248,275	\$0.38	\$94,345	210.6	1,263.4	31.6	0.0	0.0	0.0	45.5	191.7
104	Electric	Large C&I Retrofit	UPSTR Lighting - High/Low Bay Controls	per kWh	5,979,246	\$0.15	\$896,887	3,385.5	27,083.7	864.5	1,244.6	-1,828.1	-14,625.2	624.7	2,348.6
105	Electric	Large C&I Retrofit	UPSTR Lighting - LED Controls	per kWh	3,718,525	\$0.15	\$557,779	1,949.9	13,649.5	497.9	716.9	-1,520.9	-10,646.6	332.4	1,222.6
106	Electric	Large C&I Retrofit	UPSTR Lighting - LED Exterior	per kWh	4,329,832	\$0.08	\$346,387	699.3	3,496.3	222.8	82.9	0.0	0.0	151.2	586.2
107	Electric	Large C&I Retrofit	UPSTR Lighting - LED High/Low Bay	per kWh	6,685,304	\$0.15	\$1,002,796	3,785.2	11,355.7	966.6	1,391.6	-681.3	-2,044.0	688.8	1,846.0
108	Electric	Large C&I Retrofit	UPSTR Lighting - LED Outdoor Control	per kWh	817,630	\$0.15	\$122,644	132.0	792.3	42.1	15.7	0.0	0.0	28.5	120.2
109	Electric	Large C&I Retrofit	UPSTR Lighting - LED Stairwell	per kWh	41,848	\$0.08	\$3,348	25.9	51.8	2.7	3.4	-0.5	-1.0	5.6	10.8
110	Electric	Large C&I Retrofit	UPSTR Lighting - Linear LED	per kWh	5,281,904	\$0.08	\$422,552	2,068.8	4,137.6	210.3	302.8	-1,613.7	-3,227.4	352.7	675.3
111	Electric	Large C&I Retrofit	VSD-HVAC	per kWh	12,151	\$0.36	\$4,374	8.8	114.3	1.0	1.5	0.0	0.0	1.9	8.3
112	Electric	Large C&I Retrofit	VSD-Non HVAC	per kWh	116,710	\$0.36	\$42,016	84.5	1,097.9	9.9	14.0	0.0	0.0	18.3	80.0

Attachment 2-1
Rhode Island Energy
Summary of Commercial & Industrial Measures

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Portfolio	Program	Measure	Quantity Units	Quantity	Costs		Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Non-Electric (MMBtu)		Carbon (Short Tons)	
					Incentive per Quantity	Incentive					Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions
113	Electric	Large C&I Retrofit	Water Source Heat Pump - circulator pump	per kWh	197,244	\$0.43	\$84,815	176.5	2,648.0	0.0	0.0	0.0	38.2	167.1
114	Electric	Small Business Direct Install	CUSTOM LIGHTING	per kWh	718,155	\$0.49	\$351,896	613.2	1,839.6	58.2	72.1	0.0	132.6	362.0
115	Electric	Small Business Direct Install	Custom Motors/Drives, HVAC	per kWh	891,990	\$0.72	\$642,233	598.3	7,777.6	53.2	64.5	0.0	129.3	566.4
116	Electric	Small Business Direct Install	CUSTOM REFRIGERATION	per kWh	228,920	\$0.68	\$155,666	198.7	2,582.8	13.7	16.6	0.0	42.9	188.1
117	Electric	Small Business Direct Install	Freezer Recycling	per kWh	21,715	\$0.07	\$1,520	9.0	72.1	0.8	1.0	0.0	1.9	8.5
118	Electric	Small Business Direct Install	HVAC, Custom	per kWh	841,500	\$0.44	\$370,260	564.4	7,337.4	50.2	60.9	0.0	122.0	534.3
119	Electric	Small Business Direct Install	LED - Exterior HW	per kWh	366,003	\$0.49	\$179,341	309.5	1,547.5	24.0	33.3	0.0	66.9	259.5
120	Electric	Small Business Direct Install	LED - Interior HW	per kWh	2,898,608	\$0.49	\$1,420,318	2,451.1	7,353.4	189.7	263.7	-755.1	388.6	1,023.3
121	Electric	Small Business Direct Install	LED - Interior SI	per kWh	19,170	\$0.49	\$9,393	16.2	48.6	1.3	1.7	-5.0	2.6	6.8
122	Electric	Small Business Direct Install	LED Exit Signs	per kWh	35,649	\$0.49	\$17,468	30.1	90.4	2.3	3.2	0.0	6.5	17.8
123	Electric	Small Business Direct Install	OCCUPANCY SENSORS	per kWh	34,632	\$0.49	\$16,970	28.6	257.1	2.6	3.3	-8.0	4.7	13.5
124	Electric	Small Business Direct Install	Process, Custom	per kWh	8,490	\$0.61	\$5,196	7.3	94.3	0.5	0.6	0.0	1.6	6.9
125	Electric	Small Business Direct Install	PROGRAMMABLE THERMOSTATS	per kWh	42,520	\$0.49	\$20,665	35.1	526.2	2.5	3.1	0.0	7.6	33.2
126	Electric	Small Business Direct Install	Refrigerated case LED	per kWh	10,810	\$0.41	\$4,378	9.1	27.4	0.9	1.1	0.0	2.0	5.4
127	Electric	Small Business Direct Install	Refrigerator Recycling	per kWh	53,082	\$0.05	\$2,654	22.0	87.9	1.8	2.1	0.0	4.8	16.1
128	Electric	Small Business Direct Install	TIMECLOCKS	per kWh	468	\$0.42	\$198	0.4	3.5	0.0	0.0	-0.1	0.1	0.2
129	Electric	Small Business Direct Install	Transformers	per kWh	437,375	\$0.61	\$266,799	293.4	8,800.8	41.1	41.1	0.0	63.4	334.2
130	Gas	Large C&I New Construction	Boiler - 96% AFUE < 300 MBU	per MMBtu	82	\$30.00	\$2,448	0.0	0.0	0.0	0.0	73.1	4.3	85.6
131	Gas	Large C&I New Construction	CODES AND STANDARDS	per MMBtu	430	\$0.00	\$0	0.0	0.0	0.0	0.0	429.6	25.2	503.1
132	Gas	Large C&I New Construction	Combo Condensing Boiler/ Water Heater - 95% AFUE	per MMBtu	671	\$20.00	\$13,420	0.0	0.0	0.0	0.0	601.2	35.2	704.1
133	Gas	Large C&I New Construction	Condensing Water Heater, 90%MIN 75-800	per MMBtu	591	\$29.01	\$17,150	0.0	0.0	0.0	0.0	442.2	25.9	388.4
134	Gas	Large C&I New Construction	Fryer, Upstream	per MMBtu	399	\$16.60	\$6,623	0.0	0.0	0.0	0.0	298.5	17.5	209.7
135	Gas	Large C&I New Construction	Gas Oven Upstream - Convection Oven	per MMBtu	1,035	\$30.81	\$31,888	0.0	0.0	0.0	0.0	774.2	45.3	544.0
136	Gas	Large C&I New Construction	Gas Oven Upstream - Conveyor Oven	per MMBtu	972	\$12.44	\$12,097	0.0	0.0	0.0	0.0	727.4	42.6	511.1
137	Gas	Large C&I New Construction	Gas Oven Upstream - Rack Oven	per MMBtu	845	\$4.97	\$4,201	0.0	0.0	0.0	0.0	632.2	37.0	444.3
138	Gas	Large C&I New Construction	Gas Oven Upstream- Combination Oven	per MMBtu	270	\$11.79	\$3,183	0.0	0.0	0.0	0.0	202.0	11.8	141.9
139	Gas	Large C&I New Construction	Griddle, Upstream	per MMBtu	30	\$14.51	\$435	0.0	0.0	0.0	0.0	22.4	1.3	15.8
140	Gas	Large C&I New Construction	Heat Recovery - Year Round	per MMBtu	6	\$16.00	\$102	0.0	0.0	0.0	0.0	5.1	0.3	4.4

Attachment 2-1
Rhode Island Energy
Summary of Commercial & Industrial Measures

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
Identifiers					Costs		Electric				Non-Electric (MMBtu)		Carbon (Short Tons)		
Portfolio	Program	Measure	Quantity Units	Quantity	Incentive per Quantity	Incentive	Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions	
141	Gas	Large C&I New Construction	Low Flow Cooking Spray Nozzle, Upstream	per MMBtu	114	\$6.58	\$750	0.0	0.0	0.0	0.0	85.3	682.2	5.0	39.9
142	Gas	Large C&I New Construction	Other Gas - Seasonal	per MMBtu	667	\$16.00	\$10,669	0.0	0.0	0.0	0.0	526.5	6,317.4	30.8	370.0
143	Gas	Large C&I New Construction	Pasta Cooker, Upstream	per MMBtu	1,682	\$16.05	\$27,003	0.0	0.0	0.0	0.0	1,258.4	15,101.2	73.7	884.3
144	Gas	Large C&I New Construction	WATER HEATER - INDIRECT	per MMBtu	418	\$21.03	\$8,791	0.0	0.0	0.0	0.0	312.7	4,690.0	18.3	274.6
145	Gas	Large C&I New Construction	Water Heater - On-Demand 90	per MMBtu	982	\$7.79	\$7,653	0.0	0.0	0.0	0.0	734.8	12,492.1	43.0	731.5
146	Gas	Large C&I New Construction	Water Heating Boiler - 92% TE	per MMBtu	8,126	\$1.00	\$8,126	0.0	0.0	0.0	0.0	6,078.4	121,567.2	356.0	7,119.0
147	Gas	Large C&I Retrofit	Building operator certification	per MMBtu	2,005	\$0.00	\$0	0.0	0.0	0.0	0.0	1,796.5	8,982.4	105.2	526.0
148	Gas	Large C&I Retrofit	Building Shell	per MMBtu	2,269	\$8.70	\$19,738	0.0	0.0	0.0	0.0	1,791.2	32,241.3	104.9	1,888.1
149	Gas	Large C&I Retrofit	HVAC - Controls and EMS	per MMBtu	3,273	\$30.00	\$98,182	0.0	0.0	0.0	0.0	2,583.9	25,838.8	151.3	1,513.1
150	Gas	Large C&I Retrofit	HVAC insulation	per MMBtu	6,965	\$6.00	\$41,791	0.0	0.0	0.0	0.0	5,499.1	82,486.3	322.0	4,830.4
151	Gas	Large C&I Retrofit	Operation & Maintenance	per MMBtu	2,780	\$11.50	\$31,976	0.0	0.0	0.0	0.0	2,195.3	10,976.3	128.6	642.8
152	Gas	Large C&I Retrofit	Other Gas - Seasonal	per MMBtu	1,271	\$32.00	\$40,670	0.0	0.0	0.0	0.0	1,003.4	12,041.3	58.8	705.1
153	Gas	Large C&I Retrofit	Process	per MMBtu	424	\$30.00	\$12,708	0.0	0.0	0.0	0.0	334.4	3,678.9	19.6	215.4
154	Gas	Large C&I Retrofit	Steam Trap, Custom - Repair and Replace	per MMBtu	9,632	\$12.00	\$115,589	0.0	0.0	0.0	0.0	9,632.4	28,897.2	564.1	1,692.2
155	Gas	Large C&I Retrofit	Ventilation Reduction	per MMBtu	1,778	\$22.00	\$39,107	0.0	0.0	0.0	0.0	1,403.5	16,841.4	82.2	986.2
156	Gas	Large C&I Retrofit	WiFi Thermostat - Heat Only, Custom	per MMBtu	92	\$23.00	\$2,118	0.0	0.0	0.0	0.0	100.2	1,502.6	5.9	88.0
157	Gas	Small Business Direct Install	Building Shell	per MMBtu	3,408	\$8.70	\$29,650	0.0	0.0	0.0	0.0	2,497.0	44,946.5	146.2	2,632.1
158	Gas	Small Business Direct Install	Faucet aerator	per MMBtu	1,411	\$22.50	\$31,748	0.0	0.0	0.0	0.0	1,164.1	3,492.2	68.2	204.5
159	Gas	Small Business Direct Install	HVAC - Controls and EMS	per MMBtu	166	\$18.75	\$3,109	0.0	0.0	0.0	0.0	121.5	1,214.8	7.1	71.1
160	Gas	Small Business Direct Install	HVAC - Equipment	per MMBtu	53	\$18.75	\$996	0.0	0.0	0.0	0.0	38.9	583.6	2.3	34.2
161	Gas	Small Business Direct Install	Insulation Pipe H2O - Diameter 1.5in	per MMBtu	188	\$22.50	\$4,224	0.0	0.0	0.0	0.0	154.9	2,323.3	9.1	136.1
162	Gas	Small Business Direct Install	Low-flow showerhead	per MMBtu	406	\$18.75	\$7,605	0.0	0.0	0.0	0.0	334.6	3,346.2	19.6	196.0
163	Gas	Small Business Direct Install	Other Gas - Year Round	per MMBtu	396	\$18.75	\$7,425	0.0	0.0	0.0	0.0	290.1	5,802.8	17.0	339.8
164	Gas	Small Business Direct Install	Pre-rinse spray valve	per MMBtu	240	\$18.75	\$4,500	0.0	0.0	0.0	0.0	198.0	990.0	11.6	58.0
165	Gas	Small Business Direct Install	Programmable thermostat	per MMBtu	13	\$30.00	\$384	0.0	0.0	0.0	0.0	10.6	158.4	0.6	9.3
166	Gas	Small Business Direct Install	Salon Nozzle	per MMBtu	14,810	\$15.00	\$222,156	0.0	0.0	0.0	0.0	12,218.6	36,655.7	715.5	2,146.6
167	Gas	C&I Multifamily	Air Sealing	per MMBtu	332	\$100.00	\$33,185	0.0	0.0	0.0	0.0	225.7	4,513.1	13.2	264.3
168	Gas	C&I Multifamily	Faucet aerator	per MMBtu	4	\$5.00	\$22	0.0	0.0	0.0	0.0	0.7	2.2	0.0	0.1

Attachment 2-1
Rhode Island Energy
Summary of Commercial & Industrial Measures

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
	Identifiers				Costs		Electric				Non-Electric (MMBtu)		Carbon (Short Tons)		
	Portfolio	Program	Measure	Quantity Units	Quantity	Incentive per Quantity	Incentive	Net Annual MWh	Net Lifetime MWh	Net Annual Winter kW	Net Annual Summer kW	Net Annual Gas Savings	Net Lifetime Gas Savings	Net Annual Carbon Reductions	Net Lifetime Carbon Reductions
169	Gas	C&I Multifamily	Heating, Custom	per MMBtu	2,079	\$163.00	\$338,843	0.0	0.0	0.0	0.0	2,087.1	31,306.6	122.2	1,833.3
170	Gas	C&I Multifamily	Hot Water, Custom	per MMBtu	494	\$176.00	\$87,029	0.0	0.0	0.0	0.0	496.5	8,936.3	29.1	523.3
171	Gas	C&I Multifamily	Low Flow Showerhead	per MMBtu	16	\$25.00	\$390	0.0	0.0	0.0	0.0	17.0	254.6	1.0	14.9
172	Gas	C&I Multifamily	MF Shell Insulation	per MMBtu	3,244	\$140.00	\$454,158	0.0	0.0	0.0	0.0	2,205.9	55,147.8	129.2	3,229.5