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COMMERCIAL GAS RESULTS AND DATA INPUTS

Building Stock Table

Segment	Type	Office	Dry Goods Retail	Restaurant	Grocery	Warehouse	School	University	Hospital & Heath Care	Hotel	Miscellaneous
Existing	Total	219,780,050	117,945,647	21,370,214	22,255,571	172,445,278	11,110,812	4,855,561	33,366,544	10,415,387	29,878,021
New	Annual	3,086,919	2,138,411	387,452	403,503	3,126,523	201,446	88,041	604,935	188,834	541,704

Measure Costs

Seg	Measure #	Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O&M Cost	Implement-ation Cost Factor	Cost Units per Savings Unit	Service Life	Initial Cost (Full = 1 Incr. = 0)	Replace Cost	Full Unit Cost	Implement-ation Type (1=1 time 2=ROB)
1	100	Base Cooking	kBTU/Hr	\$/unit	\$-	\$0.00	\$0.00	\$0.00	1	15	1	1	\$-	1
1	102	High-Efficiency Convection Oven	kBTU/Hr	\$/unit	\$29.40	\$0.00	\$0.00	\$29.40	1	15	1	1	\$29.40	2
1	103	Efficient Infrared Griddle	kBTU/Hr	\$/unit	\$8.46	\$0.00	\$0.00	\$8.46	1	15	1	1	\$8.46	2
1	104	Infrared Fryer	kBTU/Hr	\$/unit	\$12.01	\$0.00	\$0.00	\$12.01	1	15	1	1	\$12.01	2
1	105	Power Burner Oven	kBTU/Hr	\$/unit	\$35.75	\$0.00	\$0.00	\$35.75	1	15	1	1	\$35.75	2
1	106	Power Burner Fryer	kBTU/Hr	\$/unit	\$14.31	\$0.00	\$0.00	\$14.31	1	15	1	1	\$14.31	2
1	107	Infrared Conveyer Oven	kBTU/Hr	\$/unit	\$38.33	\$0.00	\$0.00	\$38.33	1	15	1	1	\$38.33	2
1	200	Base Heating	kBTU/Hr	\$/kbtuhr	\$-	\$-	\$-	\$-	1	20	1	1	\$-	1

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Seg	Measure #	Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O&M Cost	Implementation Cost Factor	Cost Units per Savings Unit	Service Life	Initial Cost (Full = 1 Incr. = 0)	Replace Cost	Full Unit Cost	Implementation Type (1=1 time 2=ROB)
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	kBTU/Hr	\$/sf-window	\$0.68	\$0.00	\$0.00	\$0.68	1	60	1	1	\$0.68	2
1	202	Insulation (ceiling)	kBTU/Hr	\$/sf-ceiling	\$0.49	\$0.00	\$0.00	\$0.49	1	20	1	1	\$0.49	1
1	203	Insulation (wall)	kBTU/Hr	\$/sf-wall	\$0.55	\$0.00	\$0.00	\$0.55	1	20	1	1	\$0.55	1
1	206	Duct Repair and Sealing	kBTU/Hr	\$/Lin Ft Pipe	\$0.16	\$0.00	\$0.00	\$0.16	1	20	1	1	\$0.16	1
1	207	Duct Insulation	kBTU/Hr	\$/Lin Ft Pipe	\$0.40	\$0.00	\$0.00	\$0.40	1	20	1	1	\$0.40	1
1	209	Insulation of Pipes	kBTU/Hr	\$/Lin Ft Pipe	\$0.40	\$0.00	\$0.00	\$0.40	1	20	1	1	\$0.40	1
1	212	Boiler Tune-Up	kBTU/Hr	\$/boiler	\$-	\$300.00	\$0.00	\$300.00	1	2	1	1	\$300.00	1
1	216	Clock / Programmable Thermostat	kBTU/Hr	\$/sqft	\$0.20	\$7.60	\$0.00	\$7.80	1	10	1	1	\$7.80	1
1	218	Installation of Energy Management Systems (EMS)	kBTU/Hr	\$/sqft	\$0.29	\$0.00	\$0.00	\$0.29	1	20	1	1	\$0.29	1
1	222	Installation of Air Side Heat Recovery Systems	kBTU/Hr	\$/O-A CFM	\$2.00	\$0.00	\$0.00	\$2.00	1	20	1	1	\$2.00	1
1	227	High Efficiency Gas Furnace	kBTU/Hr	\$/kBtuhr	\$6.50	\$0.00	\$0.00	\$6.50	1	20	1	1	\$6.50	2
1	228	Stack Heat Exchanger	kBTU/Hr	\$/install	\$1,290.00	\$0.00	\$0.00	\$1,290.00	1	20	1	1	\$1,290.00	1
1	300	Base Pool Heating	kBTU/Hr	\$/unit	\$-	\$0.00	\$0.00	\$0.00	1	10	1	1	\$-	1
1	301	Installation of Solar Pool/Spa Heating Systems	kBTU/Hr	\$/pool sqft	\$18.14	\$0.00	\$0.00	\$18.14	1	10	1	1	\$18.14	1
1	302	Installation of Swimming Pool / Spa Covers	kBTU/Hr	\$/pool sqft	\$0.28	\$0.00	\$0.00	\$0.28	1	5	1	1	\$0.28	1
1	400	Base Water Heating	kBTU/Hr	\$/kBtuhr	\$-	\$0.00	\$0.00	\$0.00	1	15	1	1	\$-	1
1	401	Hot Water (SHW) Pipe Insulation	kBTU/Hr	\$/Lin Ft Pipe	\$4.00	\$0.00	\$0.00	\$4.00	1	15	1	1	\$4.00	1
1	402	High-Efficiency Water Heater (gas)	kBTU/Hr	\$/kBtuhr	\$12.60	\$0.00	\$0.00	\$12.60	1	15	1	1	\$12.60	2
1	403	Water Heater Tank Blanket/Insulation	kBTU/Hr	\$/tank	\$34.00	\$22.00	\$0.00	\$56.00	1	15	1	1	\$56.00	1

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1	404	Tankless Water Heater	kBTU/Hr	\$/kbtuhr	\$4.24	\$0.00	\$0.00	\$4.24	1	15	1	1	\$4.24	1
2	100	Base Cooking	kBTU/Hr	\$/unit	\$-	\$0.00	\$0.00	\$0.00	1	15	1	1	\$-	1
2	102	High-Efficiency Convection Oven	kBTU/Hr	\$/unit	\$29.40	\$0.00	\$0.00	\$29.40	1	15	1	1	\$29.40	2
2	103	Efficient Infrared Griddle	kBTU/Hr	\$/unit	\$8.46	\$0.00	\$0.00	\$8.46	1	15	1	1	\$8.46	2
2	104	Infrared Fryer	kBTU/Hr	\$/unit	\$12.01	\$0.00	\$0.00	\$12.01	1	15	1	1	\$12.01	2
2	105	Power Burner Oven	kBTU/Hr	\$/unit	\$35.75	\$0.00	\$0.00	\$35.75	1	15	1	1	\$35.75	2
2	106	Power Burner Fryer	kBTU/Hr	\$/unit	\$14.31	\$0.00	\$0.00	\$14.31	1	15	1	1	\$14.31	2
2	107	Infrared Conveyer Oven	kBTU/Hr	\$/unit	\$38.33	\$0.00	\$0.00	\$38.33	1	15	1	1	\$38.33	2
2	200	Base Heating	kBTU/Hr	\$/kbtuhr	\$-	\$-	\$-	\$-	1	20	1	1	\$-	1
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	kBTU/Hr	\$/sf-window	\$0.65	\$0.00	\$0.00	\$0.65	1	60	1	1	\$0.65	2
2	202	Insulation (ceiling)	kBTU/Hr	\$/sf-ceiling	\$0.47	\$0.00	\$0.00	\$0.47	1	20	1	1	\$0.47	1
2	203	Insulation (wall)	kBTU/Hr	\$/sf-wall	\$0.53	\$0.00	\$0.00	\$0.53	1	20	1	1	\$0.53	1
2	206	Duct Repair and Sealing	kBTU/Hr	\$/sf building	\$0.15	\$0.00	\$0.00	\$0.15	1	20	1	1	\$0.15	1
2	207	Duct Insulation	kBTU/Hr	\$/Lin Ft Pipe	\$0.37	\$0.00	\$0.00	\$0.37	1	20	1	1	\$0.37	1
2	209	Insulation of Pipes	kBTU/Hr	\$/Lin Ft Pipe	\$0.37	\$0.00	\$0.00	\$0.37	1	20	1	1	\$0.37	1
2	212	Boiler Tune-Up	kBTU/Hr	\$/boiler	\$-	\$250.00	\$0.00	\$250.00	1	2	1	1	\$250.00	1
2	216	Clock / Programmable Thermostat	kBTU/Hr	\$/sqft	\$0.15	\$5.00	\$0.00	\$5.15	1	10	1	1	\$5.15	1
2	218	Installation of Energy Management Systems (EMS)	kBTU/Hr	\$/sqft	\$0.25	\$0.00	\$0.00	\$0.25	1	20	1	1	\$0.25	1
2	222	Installation of Air Side Heat Recovery Systems	kBTU/Hr	\$/O-A CFM	\$1.86	\$0.00	\$0.00	\$1.86	1	20	1	1	\$1.86	1
2	227	High Efficiency Gas Furnace	kBTU/Hr	\$/kbtuhr	\$6.15	\$0.00	\$0.00	\$6.15	1	20	1	1	\$6.50	2
2	228	Stack Heat Exchanger	kBTU/Hr	\$/install	\$1,150.00	\$0.00	\$0.00	\$1,150.00	1	20	1	1	\$1,150.00	1

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Seg	Measure #	Measure Description	Savings Units	Cost Units	Unit Equip Cost	Unit Labor Cost	NPV of Lifetime O&M Cost	Implementation Cost Factor	Cost Units per Savings Unit	Service Life	Initial Cost (Full = 1, Incr. = 0)	Replace Cost	Full Unit Cost	Implementation Type (1=1 time, 2=ROB)
2	300	Base Pool Heating	kBTU/Hr	\$/unit	\$-	\$0.00	\$0.00	\$0.00	1	10	1	1	\$-	1
2	301	Installation of Solar Pool/Spa Heating Systems	kBTU/Hr	\$/pool sqft	\$18.00	\$0.00	\$0.00	\$18.00	1	10	1	1	\$18.00	1
2	302	Installation of Swimming Pool / Spa Covers	kBTU/Hr	\$/pool sqft	\$0.25	\$0.00	\$0.00	\$0.25	1	5	1	1	\$0.25	1
2	400	Base Water Heating	kBTU/Hr	\$/kbtuhr	\$-	\$0.00	\$0.00	\$0.00	1	15	1	1	\$-	1
2	401	Hot Water (SHW) Pipe Insulation	kBTU/Hr	\$/Lin Ft Pipe	\$3.75	\$0.00	\$0.00	\$3.75	1	15	1	1	\$3.75	1
2	402	High-Efficiency Water Heater (gas)	kBTU/Hr	\$/kbtuhr	\$11.86	\$0.00	\$0.00	\$11.86	1	15	1	1	\$11.86	2
2	403	Water Heater Tank Blanket/Insulation	kBTU/Hr	\$/tank	\$30.00	\$15.00	\$0.00	\$45.00	1	15	1	1	\$45.00	1
2	404	Tankless Water Heater	kBTU/Hr	\$/kbtuhr	\$4.00	\$0.00	\$0.00	\$4.00	1	15	1	1	\$4.00	1

Base Tech EUI

Seg	Measure #	D.1.1 Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	0.05	0.09	1.72	0.67		0.03	0.03	0.09	0.11	0.13
1	200	Base Heating	0.18	0.12	0.14	0.20	0.12	0.18	0.26	0.47	0.08	0.23
1	300	Base Pool Heating	0.00	0.00	0.00	0.00	0.00	0.17	0.14	0.03	0.11	0.00
1	400	Base Water Heating	0.06	0.19	0.54	0.09	0.01	0.18	0.48	0.71	0.37	0.37
2	100	Base Cooking	0.05	0.09	1.72	0.67		0.03	0.03	0.09	0.11	0.13
2	200	Base Heating	0.18	0.12	0.14	0.20	0.12	0.18	0.26	0.47	0.08	0.23
2	300	Base Pool Heating	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.02	0.06	0.00

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2	400	Base Water Heating	0.06	0.19	0.54	0.09	0.01	0.18	0.48	0.71	0.37	0.37
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Applicability Factor

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	0%	0%	68%	21%	0%	50%	73%	5%	42%	20%
1	102	High-Efficiency Convection Oven	0%	0%	68%	11%	0%	50%	73%	5%	42%	20%
1	103	Efficient Infrared Griddle	0%	0%	68%	21%	0%	50%	73%	5%	42%	5%
1	104	Infrared Fryer	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
1	105	Power Burner Oven	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
1	106	Power Burner Fryer	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
1	107	Infrared Conveyer Oven	0%	0%	68%	21%	0%	50%	73%	5%	42%	5%
1	200	Base Heating	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
1	202	Insulation (ceiling)	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
1	203	Insulation (wall)	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
1	206	Duct Repair and Sealing	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
1	207	Duct Insulation	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
1	209	Insulation of Pipes	23%	61%	68%	94%	86%	59%	87%	96%	65%	80%
1	212	Boiler Tune-Up	22%	0%	0%	0%	0%	39%	57%	37%	65%	70%
1	216	Clock / Programmable Thermostat	23%	60%	68%	94%	86%	20%	29%	59%	20%	20%
1	218	Installation of Energy Management Systems (EMS)	22%	0%	0%	0%	0%	39%	57%	37%	65%	70%
1	222	Installation of Air Side Heat Recovery Systems	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
1	227	High Efficiency Gas Furnace	20%	60%	65%	90%	85%	55%	80%	90%	60%	75%

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	228	Stack Heat Exchanger	23%	62%	68%	94%	89%	55%	80%	90%	60%	75%
1	300	Base Pool Heating	0%	0%	0%	0%	0%	13%	23%	3%	44%	0%
1	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	13%	23%	3%	44%	0%
1	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	13%	23%	3%	44%	0%
1	400	Base Water Heating	50%	50%	65%	50%	75%	50%	50%	50%	50%	50%
1	401	Hot Water (SHW) Pipe Insulation	50%	50%	64%	50%	70%	50%	50%	50%	50%	50%
1	402	High-Efficiency Water Heater (gas)	50%	50%	64%	50%	50%	50%	50%	50%	50%	50%
1	403	Water Heater Tank Blanket/Insulation	47%	44%	70%	22%	46%	53%	54%	53%	64%	34%
1	404	Tankless Water Heater	34%	20%	64%	36%	37%	26%	22%	27%	46%	25%
2	100	Base Cooking	0%	0%	75%	30%	0%	60%	75%	15%	50%	30%
2	102	High-Efficiency Convection Oven	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
2	103	Efficient Infrared Griddle	0%	0%	68%	21%	0%	50%	73%	5%	42%	5%
2	104	Infrared Fryer	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
2	105	Power Burner Oven	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
2	106	Power Burner Fryer	0%	0%	34%	11%	0%	25%	37%	3%	21%	3%
2	107	Infrared Conveyer Oven	0%	0%	68%	21%	0%	50%	73%	5%	42%	5%
2	200	Base Heating	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
2	202	Insulation (ceiling)	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
2	203	Insulation (wall)	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
2	206	Duct Repair and Sealing	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
2	207	Duct Insulation	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	209	Insulation of Pipes	23%	61%	68%	94%	86%	39%	58%	78%	33%	45%
2	212	Boiler Tune-Up	22%	0%	0%	0%	0%	20%	20%	20%	20%	20%
2	216	Clock / Programmable Thermostat	23%	60%	68%	94%	86%	20%	29%	59%	20%	11%
2	218	Installation of Energy Management Systems (EMS)	22%	0%	0%	0%	0%	39%	57%	37%	65%	70%
2	222	Installation of Air Side Heat Recovery Systems	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
2	227	High Efficiency Gas Furnace	23%	50%	50%	50%	50%	20%	29%	50%	15%	11%
2	228	Stack Heat Exchanger	23%	62%	68%	94%	89%	59%	87%	96%	65%	80%
2	300	Base Pool Heating	0%	0%	0%	0%	0%	13%	23%	3%	44%	0%
2	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	13%	23%	3%	44%	0%
2	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	13%	23%	3%	44%	0%
2	400	Base Water Heating	50%	50%	65%	50%	75%	50%	50%	50%	50%	50%
2	401	Hot Water (SHW) Pipe Insulation	47%	44%	70%	22%	46%	53%	54%	53%	64%	34%
2	402	High-Efficiency Water Heater (gas)	34%	20%	64%	36%	37%	26%	22%	27%	46%	25%
2	403	Water Heater Tank Blanket/Insulation	47%	44%	70%	22%	46%	53%	54%	53%	64%	34%
2	404	Tankless Water Heater	34%	20%	64%	36%	37%	26%	22%	27%	46%	25%

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EUI Adjustment Factor

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	102	High-Efficiency Convection Oven	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	103	Efficient Infrared Griddle	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	104	Infrared Fryer	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	105	Power Burner Oven	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	106	Power Burner Fryer	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	107	Infrared Conveyer Oven	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	200	Base Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	202	Insulation (ceiling)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	203	Insulation (wall)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	206	Duct Repair and Sealing	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	207	Duct Insulation	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	209	Insulation of Pipes	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	212	Boiler Tune-Up	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	216	Clock / Programmable Thermostat	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	218	Installation of Energy Management Systems (EMS)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	222	Installation of Air Side Heat Recovery Systems	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	227	High Efficiency Gas Furnace	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	228	Stack Heat Exchanger	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	300	Base Pool Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	301	Installation of Solar Pool/Spa Heating Systems	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	302	Installation of Swimming Pool / Spa Covers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	400	Base Water Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	401	Hot Water (SHW) Pipe Insulation	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	402	High-Efficiency Water Heater (gas)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	403	Water Heater Tank Blanket/Insulation	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	404	Tankless Water Heater	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	100	Base Cooking	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	102	High-Efficiency Convection Oven	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	103	Efficient Infrared Griddle	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	104	Infrared Fryer	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	105	Power Burner Oven	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	106	Power Burner Fryer	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	107	Infrared Conveyer Oven	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	200	Base Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	202	Insulation (ceiling)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	203	Insulation (wall)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	206	Duct Repair and Sealing	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	207	Duct Insulation	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	209	Insulation of Pipes	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	212	Boiler Tune-Up	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	216	Clock / Programmable Thermostat	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	218	Installation of Energy Management Systems (EMS)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	222	Installation of Air Side Heat Recovery Systems	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	227	High Efficiency Gas Furnace	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	228	Stack Heat Exchanger	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	300	Base Pool Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	301	Installation of Solar Pool/Spa Heating Systems	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	302	Installation of Swimming Pool / Spa Covers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	400	Base Water Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	401	Hot Water (SHW) Pipe Insulation	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	402	High-Efficiency Water Heater (gas)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	403	Water Heater Tank Blanket/Insulation	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	404	Tankless Water Heater	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

APPENDIX D

Energy Savings

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1	102	High-Efficiency Convection Oven	0%	0%	12%	9%	0%	14%	5%	7%	6%	0%
1	103	Efficient Infrared Griddle	0%	0%	14%	3%	0%	3%	4%	3%	3%	0%
1	104	Infrared Fryer	0%	0%	30%	3%	0%	15%	15%	15%	15%	0%
1	105	Power Burner Oven	0%	0%	8%	4%	0%	4%	4%	4%	4%	0%
1	106	Power Burner Fryer	0%	0%	8%	4%	0%	4%	4%	4%	4%	0%
1	107	Infrared Conveyer Oven	0%	0%	30%	3%	0%	5%	15%	15%	5%	0%
1	200	Base Heating	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	37%	25%	15%	6%	1%	15%	15%	15%	30%	6%
1	202	Insulation (ceiling)	5%	17%	6%	11%	31%	11%	10%	10%	10%	10%
1	203	Insulation (wall)	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
1	206	Duct Repair and Sealing	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1	207	Duct Insulation	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1	209	Insulation of Pipes	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1	212	Boiler Tune-Up	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1	216	Clock / Programmable Thermostat	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
1	218	Installation of Energy Management Systems (EMS)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
1	222	Installation of Air Side Heat Recovery Systems	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
1	227	High Efficiency Gas Furnace	18%	18%	18%	18%	18%	18%	18%	18%	18%	18%
1	228	Stack Heat Exchanger	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
1	300	Base Pool Heating	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	16%	16%	16%	16%	16%
1	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	35%	35%	35%	35%	35%
1	400	Base Water Heating	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1	401	Hot Water (SHW) Pipe Insulation	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
1	402	High-Efficiency Water Heater (gas)	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
1	403	Water Heater Tank Blanket/Insulation	15%	15%	5%	10%	15%	10%	5%	5%	5%	10%
1	404	Tankless Water Heater	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
2	100	Base Cooking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	102	High-Efficiency Convection Oven	0%	0%	6%	7%	0%	14%	5%	7%	6%	0%
2	103	Efficient Infrared Griddle	0%	0%	7%	1%	0%	3%	4%	3%	3%	0%
2	104	Infrared Fryer	0%	0%	15%	1%	0%	15%	15%	15%	15%	0%
2	105	Power Burner Oven	0%	0%	4%	2%	0%	4%	4%	4%	4%	0%
2	106	Power Burner Fryer	0%	0%	4%	2%	0%	4%	4%	4%	4%	0%
2	107	Infrared Conveyer Oven	0%	0%	15%	1%	0%	5%	15%	15%	5%	0%
2	200	Base Heating	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	20%	10%	3%	6%	1%	6%	6%	6%	6%	6%
2	202	Insulation (ceiling)	5%	8%	6%	5%	15%	5%	3%	3%	3%	10%
2	203	Insulation (wall)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
2	206	Duct Repair and Sealing	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
2	207	Duct Insulation	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
2	209	Insulation of Pipes	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
2	212	Boiler Tune-Up	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	216	Clock / Programmable Thermostat	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
2	218	Installation of Energy Management Systems (EMS)	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%
2	222	Installation of Air Side Heat Recovery Systems	15%	15%	15%	15%	15%	15%	15%	15%	15%	15%
2	227	High Efficiency Gas Furnace	12%	12%	12%	12%	12%	12%	12%	12%	12%	12%
2	228	Stack Heat Exchanger	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
2	300	Base Pool Heating	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	16%	16%	16%	16%	16%
2	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	35%	35%	35%	35%	35%
2	400	Base Water Heating	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2	401	Hot Water (SHW) Pipe Insulation	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
2	402	High-Efficiency Water Heater (gas)	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
2	403	Water Heater Tank Blanket/Insulation	12%	12%	5%	8%	15%	8%	5%	5%	5%	8%
2	404	Tankless Water Heater	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%

Incomplete Factor

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	102	High-Efficiency Convection Oven	90%	90%	85%	90%	90%	90%	90%	90%	90%	90%
1	103	Efficient Infrared Griddle	80%	30%	80%	80%	80%	80%	80%	80%	80%	80%
1	104	Infrared Fryer	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
1	105	Power Burner Oven	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	106	Power Burner Fryer	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
1	107	Infrared Conveyer Oven	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%
1	200	Base Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	98%	100%	100%	100%	100%	99%	99%	99%	98%	99%
1	202	Insulation (ceiling)	13%	75%	56%	85%	34%	45%	19%	22%	62%	14%
1	203	Insulation (wall)	84%	72%	93%	85%	45%	48%	19%	22%	100%	64%
1	206	Duct Repair and Sealing	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
1	207	Duct Insulation	59%	85%	57%	72%	62%	72%	74%	70%	79%	83%
1	209	Insulation of Pipes	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
1	212	Boiler Tune-Up	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
1	216	Clock / Programmable Thermostat	49%	79%	50%	78%	38%	49%	49%	49%	34%	42%
1	218	Installation of Energy Management Systems (EMS)	53%	79%	100%	80%	78%	10%	23%	75%	57%	17%
1	222	Installation of Air Side Heat Recovery Systems	90%	90%	78%	76%	69%	58%	90%	90%	50%	50%
1	227	High Efficiency Gas Furnace	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
1	228	Stack Heat Exchanger	84%	85%	86%	87%	84%	84%	81%	79%	85%	84%
1	300	Base Pool Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	100%	100%	100%	100%	97%
1	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	29%	25%	50%	80%	63%
1	400	Base Water Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	401	Hot Water (SHW) Pipe Insulation	50%	73%	75%	70%	76%	25%	2%	33%	49%	59%
1	402	High-Efficiency Water Heater (gas)	47%	57%	54%	69%	54%	100%	100%	96%	97%	87%
1	403	Water Heater Tank Blanket/Insulation	89%	76%	86%	100%	100%	100%	50%	50%	98%	40%
1	404	Tankless Water Heater	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	100	Base Cooking	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	102	High-Efficiency Convection Oven	90%	90%	85%	90%	90%	90%	90%	90%	90%	90%
2	103	Efficient Infrared Griddle	80%	30%	80%	80%	80%	80%	80%	80%	80%	80%
2	104	Infrared Fryer	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
2	105	Power Burner Oven	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
2	106	Power Burner Fryer	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
2	107	Infrared Conveyer Oven	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%
2	200	Base Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	98%	100%	100%	100%	100%	99%	99%	99%	98%	99%
2	202	Insulation (ceiling)	13%	75%	56%	85%	34%	45%	19%	22%	62%	14%
2	203	Insulation (wall)	84%	72%	93%	85%	45%	48%	19%	22%	100%	64%
2	206	Duct Repair and Sealing	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
2	207	Duct Insulation	59%	85%	57%	72%	62%	72%	74%	70%	79%	83%
2	209	Insulation of Pipes	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
2	212	Boiler Tune-Up	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
2	216	Clock / Programmable Thermostat	49%	79%	50%	78%	38%	49%	49%	49%	34%	42%
2	218	Installation of Energy Management Systems (EMS)	53%	79%	100%	80%	78%	10%	23%	75%	57%	17%
2	222	Installation of Air Side Heat Recovery Systems	80%	80%	78%	76%	69%	58%	80%	80%	50%	50%
2	227	High Efficiency Gas Furnace	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
2	228	Stack Heat Exchanger	84%	85%	86%	87%	84%	84%	81%	79%	85%	84%
2	300	Base Pool Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	100%	100%	100%	100%	97%
2	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	29%	25%	50%	80%	63%

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	400	Base Water Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	401	Hot Water (SHW) Pipe Insulation	50%	73%	75%	70%	76%	25%	2%	33%	49%	59%
2	402	High-Efficiency Water Heater (gas)	47%	57%	54%	69%	54%	100%	100%	96%	97%	87%
2	403	Water Heater Tank Blanket/Insulation	89%	76%	86%	100%	100%	100%	50%	50%	98%	40%
2	404	Tankless Water Heater	100%	100%	100%	100%	100%	100%	100%	92%	100%	100%

Technology Saturation

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	102	High-Efficiency Convection Oven	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	103	Efficient Infrared Griddle	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	104	Infrared Fryer	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	105	Power Burner Oven	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	106	Power Burner Fryer	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	107	Infrared Conveyer Oven	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
1	200	Base Heating	0.0148	0.0154	0.0407	0.0169	0.0124	0.0602	0.0228	0.0200	0.0149	0.0253
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	0.0877	0.0284	0.0460	0.0409	0.0171	0.0242	0.0625	0.0201	0.0945	0.0284
1	202	Insulation (ceiling)	0.6637	0.9148	0.9618	0.9819	0.9254	0.9527	0.6021	0.8728	0.4307	0.9001
1	203	Insulation (wall)	0.6637	0.9148	0.9618	0.9819	0.9254	0.9527	0.6021	0.8728	0.4307	0.9001
1	206	Duct Repair and Sealing	0.0453	0.0311	0.0793	0.0332	0.0153	0.0170	0.0145	0.0142	0.0315	0.0313
1	207	Duct Insulation	0.0453	0.0311	0.0793	0.0332	0.0153	0.0170	0.0145	0.0142	0.0315	0.0313
1	209	Insulation of Pipes	0.0371	0.0507	0.0781	0.0584	0.0278	0.0294	0.0108	0.0433	0.0244	0.0585
1	212	Boiler Tune-Up	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	216	Clock / Programmable Thermostat	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
1	218	Installation of Energy Management Systems (EMS)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

APPENDIX D

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	222	Installation of Air Side Heat Recovery Systems	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
1	227	High Efficiency Gas Furnace	0.0148	0.0154	0.0407	0.0169	0.0124	0.0602	0.0228	0.0200	0.0149	0.0253
1	228	Stack Heat Exchanger	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	300	Base Pool Heating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0243	0.0192	0.0041	0.0158	0.3062
1	301	Installation of Solar Pool/Spa Heating Systems	0.0000	0.0000	0.0000	0.0000	0.0000	0.0168	0.0109	0.0013	0.0040	0.1605
1	302	Installation of Swimming Pool / Spa Covers	0.0000	0.0000	0.0000	0.0000	0.0000	0.0243	0.0192	0.0041	0.0158	0.3062
1	400	Base Water Heating	0.0046	0.0145	0.0200	0.0068	0.0009	0.0204	0.0362	0.0318	0.0279	0.0273
1	401	Hot Water (SHW) Pipe Insulation	0.0010	0.0059	0.0064	0.0023	0.0004	0.0038	0.0063	0.0023	0.0086	0.0023
1	402	High-Efficiency Water Heater (gas)	0.0046	0.0145	0.0200	0.0068	0.0009	0.0204	0.0362	0.0318	0.0279	0.0273
1	403	Water Heater Tank Blanket/Insulation	0.0001	0.0006	0.0006	0.0002	0.0000	0.0004	0.0006	0.0008	0.0009	0.0002
1	404	Tankless Water Heater	0.0046	0.0145	0.0200	0.0068	0.0009	0.0204	0.0362	0.0318	0.0279	0.0273
2	100	Base Cooking	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	102	High-Efficiency Convection Oven	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	103	Efficient Infrared Griddle	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	104	Infrared Fryer	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	105	Power Burner Oven	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	106	Power Burner Fryer	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	107	Infrared Conveyer Oven	0.0097	0.0024	0.0550	0.0149	0.0001	0.0069	0.0039	0.0026	0.0031	0.0290
2	200	Base Heating	0.0148	0.0154	0.0407	0.0169	0.0124	0.0602	0.0228	0.0200	0.0149	0.0253
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	0.0877	0.0284	0.0460	0.0409	0.0171	0.0242	0.0625	0.0201	0.0945	0.0284
2	202	Insulation (ceiling)	0.6637	0.9148	0.9618	0.9819	0.9254	0.9527	0.6021	0.8728	0.4307	0.9001
2	203	Insulation (wall)	0.6637	0.9148	0.9618	0.9819	0.9254	0.9527	0.6021	0.8728	0.4307	0.9001
2	206	Duct Repair and Sealing	0.0453	0.0311	0.0793	0.0332	0.0153	0.0170	0.0145	0.0142	0.0315	0.0313
2	207	Duct Insulation	0.0453	0.0311	0.0793	0.0332	0.0153	0.0170	0.0145	0.0142	0.0315	0.0313
2	209	Insulation of Pipes	0.0371	0.0507	0.0781	0.0584	0.0278	0.0294	0.0108	0.0433	0.0244	0.0585

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	212	Boiler Tune-Up	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	216	Clock / Programmable Thermostat	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
2	218	Installation of Energy Management Systems (EMS)	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	222	Installation of Air Side Heat Recovery Systems	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
2	227	High Efficiency Gas Furnace	0.0148	0.0154	0.0407	0.0169	0.0124	0.0602	0.0228	0.0200	0.0149	0.0253
2	228	Stack Heat Exchanger	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	300	Base Pool Heating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0243	0.0192	0.0041	0.0158	0.3062
2	301	Installation of Solar Pool/Spa Heating Systems	0.0000	0.0000	0.0000	0.0000	0.0000	0.0168	0.0109	0.0013	0.0040	0.1605
2	302	Installation of Swimming Pool / Spa Covers	0.0000	0.0000	0.0000	0.0000	0.0000	0.0243	0.0192	0.0041	0.0158	0.3062
2	400	Base Water Heating	0.0046	0.0145	0.0200	0.0068	0.0009	0.0204	0.0362	0.0318	0.0279	0.0273
2	401	Hot Water (SHW) Pipe Insulation	0.0010	0.0059	0.0064	0.0023	0.0004	0.0038	0.0063	0.0023	0.0086	0.0023
2	402	High-Efficiency Water Heater (gas)	0.0046	0.0145	0.0200	0.0068	0.0009	0.0204	0.0362	0.0318	0.0279	0.0273
2	403	Water Heater Tank Blanket/Insulation	0.0001	0.0006	0.0006	0.0002	0.0000	0.0004	0.0006	0.0008	0.0009	0.0002
2	404	Tankless Water Heater	0.0046	0.0145	0.0200	0.0068	0.0009	0.0204	0.0362	0.0318	0.0279	0.0273

Feasibility Factor

Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	100	Base Cooking	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	102	High-Efficiency Convection Oven	100%	75%	90%	75%	75%	75%	75%	75%	75%	75%
1	103	Efficient Infrared Griddle	100%	75%	90%	75%	75%	75%	75%	75%	75%	75%
1	104	Infrared Fryer	100%	75%	90%	75%	75%	75%	75%	75%	75%	75%
1	105	Power Burner Oven	100%	75%	90%	75%	75%	75%	75%	75%	75%	75%

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	106	Power Burner Fryer	100%	75%	90%	75%	75%	75%	75%	75%	75%	75%
1	107	Infrared Conveyer Oven	100%	75%	90%	75%	75%	75%	75%	75%	75%	75%
1	200	Base Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	202	Insulation (ceiling)	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	203	Insulation (wall)	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	206	Duct Repair and Sealing	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	207	Duct Insulation	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
1	209	Insulation of Pipes	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	212	Boiler Tune-Up	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	216	Clock / Programmable Thermostat	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	218	Installation of Energy Management Systems (EMS)	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
1	222	Installation of Air Side Heat Recovery Systems	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	227	High Efficiency Gas Furnace	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%
1	228	Stack Heat Exchanger	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
1	300	Base Pool Heating	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%
1	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%
1	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	90%	90%	90%	90%	90%
1	400	Base Water Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
1	401	Hot Water (SHW) Pipe Insulation	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
1	402	High-Efficiency Water Heater (gas)	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
1	403	Water Heater Tank Blanket/Insulation	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
1	404	Tankless Water Heater	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
2	100	Base Cooking	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	102	High-Efficiency Convection Oven	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
2	103	Efficient Infrared Griddle	100%	60%	80%	60%	60%	60%	60%	60%	60%	60%
2	104	Infrared Fryer	100%	60%	80%	60%	60%	60%	60%	60%	60%	60%
2	105	Power Burner Oven	100%	60%	80%	60%	60%	60%	60%	60%	60%	60%
2	106	Power Burner Fryer	100%	60%	80%	60%	60%	60%	60%	60%	60%	60%
2	107	Infrared Conveyer Oven	100%	60%	80%	60%	60%	60%	60%	60%	60%	60%
2	200	Base Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	202	Insulation (ceiling)	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	203	Insulation (wall)	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	206	Duct Repair and Sealing	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	207	Duct Insulation	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%
2	209	Insulation of Pipes	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	212	Boiler Tune-Up	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	216	Clock / Programmable Thermostat	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	218	Installation of Energy Management Systems (EMS)	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
2	222	Installation of Air Side Heat Recovery Systems	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	227	High Efficiency Gas Furnace	90%	90%	90%	90%	90%	90%	90%	90%	90%	90%
2	228	Stack Heat Exchanger	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%

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Seg	Measure #	Measure Description	Office	Retail	Restaurant	Grocery	Warehouse	School	College	Hospital	Lodging	Other
2	300	Base Pool Heating	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%
2	301	Installation of Solar Pool/Spa Heating Systems	0%	0%	0%	0%	0%	100%	100%	100%	100%	100%
2	302	Installation of Swimming Pool / Spa Covers	0%	0%	0%	0%	0%	90%	90%	90%	90%	90%
2	400	Base Water Heating	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
2	401	Hot Water (SHW) Pipe Insulation	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
2	402	High-Efficiency Water Heater (gas)	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
2	403	Water Heater Tank Blanket/Insulation	95%	95%	95%	95%	95%	95%	95%	95%	95%	95%
2	404	Tankless Water Heater	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%

Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	200	Base Heating	Office	10,017,219	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Office	8,195,344	1,821,875	1,821,875	18%	\$0.060	\$0.069	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	Office	8,185,319	10,025	1,831,900	18%	\$0.153	\$0.176	HVAC	Level A	Level A
1	228	Stack Heat Exchanger	Office	8,020,422	164,897	1,996,797	20%	\$0.116	\$0.134	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	Office	8,000,066	20,356	2,017,153	20%	\$0.218	\$0.251	HVAC	Level A	Level A

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	212	Boiler Tune-Up	Office	7,961,099	38,966	2,056,120	21%	\$0.451	\$0.519	HVAC	Level C	Level C
1	209	Insulation of Pipes	Office	7,940,893	20,206	2,076,325	21%	\$0.455	\$0.524	HVAC	Level C	Level C
1	227	High Efficiency Gas Furnace	Office	6,903,997	1,036,896	3,113,222	31%	\$0.336	\$0.387	HVAC	Level B	Level B
1	207	Duct Insulation	Office	6,883,634	20,363	3,133,585	31%	\$0.647	\$0.744	HVAC	Level C	Level D
1	203	Insulation (wall)	Office	6,285,585	598,049	3,731,634	37%	\$1.260	\$1.449	HVAC	Level E	Level E
1	218	Installation of Energy Management Systems (EMS)	Office	6,035,923	249,662	3,981,295	40%	\$2.157	\$2.481	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Office	5,556,405	479,518	4,460,814	45%	\$3.985	\$4.583	HVAC	Level E	Level E
1	202	Insulation (ceiling)	Office	5,536,388	20,016	4,480,830	45%	\$5.164	\$5.938	HVAC	Level E	Level E
1	400	Base Water Heating	Office	7,315,690	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	Office	6,435,996	879,694	879,694	12%	\$0.061	\$0.070	Water Heat	Level A	Level A
1	401	Hot Water (SHW) Pipe Insulation	Office	6,362,054	73,942	953,636	13%	\$0.248	\$0.285	Water Heat	Level A	Level A
1	404	Tankless Water Heater	Office	6,318,752	43,302	996,938	14%	\$0.385	\$0.442	Water Heat	Level B	Level B
1	402	High-Efficiency Water Heater (gas)	Office	5,504,196	814,556	1,811,494	25%	\$0.400	\$0.459	Water Heat	Level B	Level C
1	200	Base Heating	Dry Goods Retail	9,448,482	0	0	0%	N/A	\$-	HVAC	N/A	N/A

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Dry Goods Retail	8,269,194	1,179,288	1,179,288	12%	\$0.044	\$0.051	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	Dry Goods Retail	8,248,206	20,988	1,200,276	13%	\$0.209	\$0.241	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	Dry Goods Retail	8,232,434	15,772	1,216,048	13%	\$0.219	\$0.252	HVAC	Level A	Level A
1	207	Duct Insulation	Dry Goods Retail	8,197,382	35,053	1,251,100	13%	\$0.538	\$0.619	HVAC	Level C	Level C
1	227	High Efficiency Gas Furnace	Dry Goods Retail	7,000,870	1,196,511	2,447,611	26%	\$0.489	\$0.563	HVAC	Level C	Level C
1	228	Stack Heat Exchanger	Dry Goods Retail	6,858,224	142,646	2,590,258	27%	\$0.626	\$0.720	HVAC	Level C	Level D
1	209	Insulation of Pipes	Dry Goods Retail	6,841,105	17,119	2,607,377	28%	\$1.041	\$1.197	HVAC	Level E	Level E
1	203	Insulation (wall)	Dry Goods Retail	6,318,027	523,078	3,130,455	33%	\$2.455	\$2.823	HVAC	Level E	Level E
1	202	Insulation (ceiling)	Dry Goods Retail	5,897,402	420,625	3,551,080	38%	\$2.841	\$3.267	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Dry Goods Retail	5,722,793	174,610	3,725,689	39%	\$5.873	\$6.754	HVAC	Level E	Level E
1	400	Base Water Heating	Dry Goods Retail	12,268,008	0	0	0%	N/A	\$-	Water Heat	N/A	N/A

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	403	Water Heater Tank Blanket/Insulation	Dry Goods Retail	11,062,944	1,205,064	1,205,064	10%	\$0.116	\$0.133	Water Heat	Level A	Level A
1	404	Tankless Water Heater	Dry Goods Retail	11,017,810	45,134	1,250,198	10%	\$0.371	\$0.427	Water Heat	Level B	Level B
1	402	High-Efficiency Water Heater (gas)	Dry Goods Retail	9,336,777	1,681,033	2,931,231	24%	\$0.396	\$0.455	Water Heat	Level B	Level C
1	401	Hot Water (SHW) Pipe Insulation	Dry Goods Retail	9,181,340	155,437	3,086,668	25%	\$0.558	\$0.642	Water Heat	Level C	Level C
1	100	Base Cooking	Restaurant	26,904,505	0	0	0%	N/A	\$-	Cooking	N/A	N/A
1	104	Infrared Fryer	Restaurant	23,813,349	3,091,156	3,091,156	11%	\$0.127	\$0.146	Cooking	Level A	Level A
1	103	Efficient Infrared Griddle	Restaurant	21,343,817	2,469,533	5,560,688	21%	\$0.224	\$0.258	Cooking	Level A	Level A
1	107	Infrared Conveyer Oven	Restaurant	15,996,861	5,346,956	10,907,645	41%	\$0.528	\$0.608	Cooking	Level C	Level C
1	106	Power Burner Fryer	Restaurant	15,528,660	468,201	11,375,845	42%	\$1.001	\$1.151	Cooking	Level E	Level E
1	102	High-Efficiency Convection Oven	Restaurant	14,086,583	1,442,076	12,817,922	48%	\$1.410	\$1.621	Cooking	Level E	Level E
1	105	Power Burner Oven	Restaurant	13,674,293	412,290	13,230,212	49%	\$2.840	\$3.266	Cooking	Level E	Level E
1	200	Base Heating	Restaurant	2,211,769	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Restaurant	2,045,887	165,883	165,883	8%	\$0.102	\$0.117	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	Restaurant	2,043,310	2,576	168,459	8%	\$0.176	\$0.203	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	Restaurant	2,038,124	5,186	173,645	8%	\$0.432	\$0.497	HVAC	Level B	Level C

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	227	High Efficiency Gas Furnace	Restaurant	1,745,992	292,132	465,777	21%	\$1.040	\$1.196	HVAC	Level E	Level E
1	209	Insulation of Pipes	Restaurant	1,741,561	4,431	470,209	21%	\$1.259	\$1.448	HVAC	Level E	Level E
1	207	Duct Insulation	Restaurant	1,736,572	4,989	475,198	21%	\$1.291	\$1.485	HVAC	Level E	Level E
1	228	Stack Heat Exchanger	Restaurant	1,700,789	35,783	510,980	23%	\$2.028	\$2.332	HVAC	Level E	Level E
1	203	Insulation (wall)	Restaurant	1,540,210	160,579	671,560	30%	\$2.167	\$2.493	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Restaurant	1,503,361	36,849	708,409	32%	\$4.389	\$5.047	HVAC	Level E	Level E
1	202	Insulation (ceiling)	Restaurant	1,475,787	27,573	735,982	33%	\$6.729	\$7.739	HVAC	Level E	Level E
1	400	Base Water Heating	Restaurant	7,986,194	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	Restaurant	7,632,652	353,542	353,542	4%	\$0.140	\$0.161	Water Heat	Level A	Level A
1	404	Tankless Water Heater	Restaurant	7,557,468	75,184	428,725	5%	\$0.175	\$0.201	Water Heat	Level A	Level A
1	402	High-Efficiency Water Heater (gas)	Restaurant	6,475,288	1,082,181	1,510,906	19%	\$0.186	\$0.214	Water Heat	Level A	Level A
1	401	Hot Water (SHW) Pipe Insulation	Restaurant	6,367,798	107,490	1,618,396	20%	\$0.205	\$0.236	Water Heat	Level A	Level A
1	100	Base Cooking	Grocery	3,337,901	0	0	0%	N/A	\$-	Cooking	N/A	N/A
1	103	Efficient Infrared Griddle	Grocery	3,277,456	60,445	60,445	2%	\$0.663	\$0.763	Cooking	Level D	Level D
1	102	High-Efficiency Convection Oven	Grocery	3,176,999	100,457	160,902	5%	\$0.780	\$0.898	Cooking	Level D	Level D
1	106	Power Burner Fryer	Grocery	3,136,069	40,930	201,832	6%	\$0.829	\$0.953	Cooking	Level D	Level D
1	105	Power Burner Oven	Grocery	3,095,666	40,403	242,235	7%	\$2.098	\$2.412	Cooking	Level E	Level E

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	104	Infrared Fryer	Grocery	3,067,637	28,029	270,264	8%	\$1.016	\$1.168	Cooking	Level E	Level E
1	107	Infrared Conveyer Oven	Grocery	3,005,330	62,307	332,571	10%	\$3.281	\$3.773	Cooking	Level E	Level E
1	200	Base Heating	Grocery	4,418,213	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	216	Clock/Programmable Thermostat	Grocery	4,409,547	8,666	8,666	0%	\$0.117	\$0.134	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	Grocery	4,398,356	11,192	19,858	0%	\$0.120	\$0.138	HVAC	Level A	Level A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Grocery	4,258,618	139,738	159,595	4%	\$0.154	\$0.177	HVAC	Level A	Level A
1	207	Duct Insulation	Grocery	4,243,306	15,312	174,907	4%	\$0.317	\$0.365	HVAC	Level B	Level B
1	227	High Efficiency Gas Furnace	Grocery	3,630,368	612,938	787,845	18%	\$0.297	\$0.342	HVAC	Level A	Level B
1	209	Insulation of Pipes	Grocery	3,621,154	9,214	797,059	18%	\$0.649	\$0.746	HVAC	Level C	Level D
1	228	Stack Heat Exchanger	Grocery	3,545,708	75,446	872,506	20%	\$1.097	\$1.261	HVAC	Level E	Level E
1	203	Insulation (wall)	Grocery	3,234,921	310,786	1,183,292	27%	\$1.494	\$1.718	HVAC	Level E	Level E
1	202	Insulation (ceiling)	Grocery	3,077,243	157,679	1,340,971	30%	\$2.623	\$3.016	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Grocery	3,024,772	52,471	1,393,441	32%	\$3.130	\$3.600	HVAC	Level E	Level E
1	400	Base Water Heating	Grocery	1,078,795	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	Grocery	1,032,926	45,869	45,869	4%	\$0.152	\$0.175	Water Heat	Level A	Level A
1	404	Tankless Water Heater	Grocery	1,025,427	7,499	53,369	5%	\$0.349	\$0.402	Water Heat	Level B	Level B

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1	402	High-Efficiency Water Heater (gas)	Grocery	842,624	182,803	236,171	22%	\$0.386	\$0.444	Water Heat	Level B	Level B
1	401	Hot Water (SHW) Pipe Insulation	Grocery	829,326	13,298	249,469	23%	\$0.458	\$0.527	Water Heat	Level C	Level C
1	200	Base Heating	Warehouse	19,052,818	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	206	Duct Repair and Sealing	Warehouse	19,004,461	48,357	48,357	0%	\$0.094	\$0.108	HVAC	Level A	Level A
1	228	Stack Heat Exchanger	Warehouse	18,621,608	382,853	431,210	2%	\$0.162	\$0.186	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	Warehouse	18,604,250	17,358	448,568	2%	\$0.203	\$0.233	HVAC	Level A	Level A
1	207	Duct Insulation	Warehouse	18,545,857	58,393	506,961	3%	\$0.245	\$0.282	HVAC	Level A	Level A
1	227	High Efficiency Gas Furnace	Warehouse	15,871,703	2,674,154	3,181,115	17%	\$0.364	\$0.418	HVAC	Level B	Level B
1	209	Insulation of Pipes	Warehouse	15,832,723	38,980	3,220,095	17%	\$0.517	\$0.594	HVAC	Level C	Level C
1	202	Insulation (ceiling)	Warehouse	14,795,966	1,036,757	4,256,852	22%	\$1.091	\$1.255	HVAC	Level E	Level E
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Warehouse	14,721,986	73,980	4,330,832	23%	\$0.892	\$1.026	HVAC	Level D	Level E
1	203	Insulation (wall)	Warehouse	13,984,813	737,173	5,068,005	27%	\$2.278	\$2.620	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Warehouse	13,753,486	231,327	5,299,332	28%	\$4.972	\$5.717	HVAC	Level E	Level E
1	400	Base Water Heating	Warehouse	1,062,369	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	Warehouse	969,573	92,796	92,796	9%	\$0.215	\$0.247	Water Heat	Level A	Level A

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1	404	Tankless Water Heater	Warehouse	964,826	4,747	97,543	9%	\$0.546	\$0.628	Water Heat	Level C	Level C
1	402	High-Efficiency Water Heater (gas)	Warehouse	871,760	93,066	190,609	18%	\$0.577	\$0.663	Water Heat	Level C	Level D
1	401	Hot Water (SHW) Pipe Insulation	Warehouse	857,782	13,978	204,587	19%	\$0.928	\$1.067	Water Heat	Level D	Level E
1	100	Base Cooking	School	180,975	0	0	0%	N/A	\$-	Cooking	N/A	N/A
1	104	Infrared Fryer	School	172,579	8,396	8,396	5%	\$1.839	\$2.114	Cooking	Level E	Level E
1	102	High-Efficiency Convection Oven	School	155,945	16,634	25,030	14%	\$5.140	\$5.911	Cooking	Level E	Level E
1	103	Efficient Infrared Griddle	School	153,121	2,824	27,854	15%	\$7.697	\$8.851	Cooking	Level E	Level E
1	106	Power Burner Fryer	School	151,148	1,973	29,826	16%	\$9.323	\$10.722	Cooking	Level E	Level E
1	107	Infrared Conveyer Oven	School	146,022	5,127	34,953	19%	\$21.619	\$24.862	Cooking	Level E	Level E
1	105	Power Burner Oven	School	144,140	1,881	36,835	20%	\$24.426	\$28.090	Cooking	Level E	Level E
1	200	Base Heating	School	1,267,332	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	School	1,172,930	94,403	94,403	7%	\$0.042	\$0.048	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	School	1,169,953	2,977	97,380	8%	\$0.072	\$0.083	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	School	1,169,466	487	97,866	8%	\$0.138	\$0.158	HVAC	Level A	Level A
1	207	Duct Insulation	School	1,165,244	4,222	102,089	8%	\$0.184	\$0.212	HVAC	Level A	Level A
1	228	Stack Heat Exchanger	School	1,143,297	21,947	124,035	10%	\$0.309	\$0.356	HVAC	Level B	Level B
1	209	Insulation of Pipes	School	1,140,387	2,910	126,946	10%	\$0.323	\$0.372	HVAC	Level B	Level B

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1	212	Boiler Tune-Up	School	1,136,541	3,845	130,791	10%	\$1.199	\$1.379	HVAC	Level E	Level E
1	227	High Efficiency Gas Furnace	School	976,149	160,393	291,184	23%	\$1.232	\$1.417	HVAC	Level E	Level E
1	203	Insulation (wall)	School	923,995	52,154	343,337	27%	\$1.518	\$1.746	HVAC	Level E	Level E
1	218	Installation of Energy Management Systems (EMS)	School	919,141	4,854	348,191	27%	\$1.803	\$2.073	HVAC	Level E	Level E
1	202	Insulation (ceiling)	School	894,876	24,265	372,456	29%	\$2.730	\$3.139	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	School	875,475	19,402	391,857	31%	\$3.235	\$3.720	HVAC	Level E	Level E
1	300	Base Pool Heating	School	275,440	0	0	0%	N/A	\$-	Appliances	N/A	N/A
1	302	Installation of Swimming Pool/Spa Covers	School	241,959	33,482	33,482	12%	\$0.023	\$0.026	Appliances	Level A	Level A
1	301	Installation of Solar Pool/Spa Heating Systems	School	203,729	38,229	71,711	26%	\$1.881	\$2.164	Appliances	Level E	Level E
1	400	Base Water Heating	School	1,080,665	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	School	970,949	109,716	109,716	10%	\$0.123	\$0.141	Water Heat	Level A	Level A
1	401	Hot Water (SHW) Pipe Insulation	School	965,338	5,611	115,327	11%	\$0.318	\$0.366	Water Heat	Level B	Level B
1	404	Tankless Water Heater	School	960,313	5,025	120,351	11%	\$0.562	\$0.646	Water Heat	Level C	Level C
1	402	High-Efficiency Water Heater (gas)	School	732,882	227,431	347,783	32%	\$0.671	\$0.771	Water Heat	Level D	Level D
1	100	Base Cooking	University	132,928	0	0	0%	N/A	\$-	Cooking	N/A	N/A

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1	104	Infrared Fryer	University	126,762	6,167	6,167	5%	\$0.919	\$1.057	Cooking	Level D	Level E
1	103	Efficient Infrared Griddle	University	123,695	3,067	9,234	7%	\$2.603	\$2.993	Cooking	Level E	Level E
1	107	Infrared Conveyer Oven	University	110,980	12,715	21,948	17%	\$3.202	\$3.682	Cooking	Level E	Level E
1	106	Power Burner Fryer	University	109,550	1,430	23,378	18%	\$4.724	\$5.433	Cooking	Level E	Level E
1	102	High-Efficiency Convection Oven	University	105,859	3,691	27,069	20%	\$8.403	\$9.663	Cooking	Level E	Level E
1	105	Power Burner Oven	University	104,495	1,364	28,433	21%	\$12.374	\$14.230	Cooking	Level E	Level E
1	200	Base Heating	University	1,165,651	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	206	Duct Repair and Sealing	University	1,162,693	2,959	2,959	0%	\$0.040	\$0.046	HVAC	Level A	Level A
1	228	Stack Heat Exchanger	University	1,142,000	20,693	23,651	2%	\$0.048	\$0.055	HVAC	Level A	Level A
1	209	Insulation of Pipes	University	1,139,086	2,915	26,566	2%	\$0.076	\$0.088	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	University	1,138,616	470	27,035	2%	\$0.091	\$0.104	HVAC	Level A	Level A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	University	1,053,947	84,669	111,705	10%	\$0.077	\$0.089	HVAC	Level A	Level A
1	207	Duct Insulation	University	1,050,037	3,910	115,614	10%	\$0.112	\$0.129	HVAC	Level A	Level A
1	212	Boiler Tune-Up	University	1,046,496	3,541	119,155	10%	\$0.198	\$0.228	HVAC	Level A	Level A
1	227	High Efficiency Gas Furnace	University	900,437	146,059	265,214	23%	\$0.325	\$0.374	HVAC	Level B	Level B
1	203	Insulation (wall)	University	880,237	20,200	285,415	24%	\$0.625	\$0.719	HVAC	Level C	Level D

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1	218	Installation of Energy Management Systems (EMS)	University	869,216	11,021	296,435	25%	\$1.234	\$1.420	HVAC	Level E	Level E
1	202	Insulation (ceiling)	University	860,328	8,888	305,324	26%	\$1.266	\$1.456	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	University	842,064	18,264	323,587	28%	\$2.311	\$2.658	HVAC	Level E	Level E
1	300	Base Pool Heating	University	164,970	0	0	0%	N/A	\$-	Appliances	N/A	N/A
1	302	Installation of Swimming Pool/Spa Covers	University	147,354	17,615	17,615	11%	\$0.022	\$0.025	Appliances	Level A	Level A
1	301	Installation of Solar Pool/Spa Heating Systems	University	124,072	23,282	40,897	25%	\$1.513	\$1.740	Appliances	Level E	Level E
1	400	Base Water Heating	University	1,258,674	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	University	1,225,300	33,374	33,374	3%	\$0.151	\$0.174	Water Heat	Level A	Level A
1	401	Hot Water (SHW) Pipe Insulation	University	1,224,732	568	33,943	3%	\$0.184	\$0.211	Water Heat	Level A	Level A
1	404	Tankless Water Heater	University	1,219,230	5,502	39,445	3%	\$0.344	\$0.395	Water Heat	Level B	Level B
1	402	High-Efficiency Water Heater (gas)	University	930,479	288,751	328,195	26%	\$0.410	\$0.472	Water Heat	Level B	Level C
1	100	Base Cooking	Hospital & Health Care	171,062	0	0	0%	N/A	\$-	Cooking	N/A	N/A
1	104	Infrared Fryer	Hospital & Health Care	163,126	7,936	7,936	5%	\$0.230	\$0.264	Cooking	Level A	Level A

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1	107	Infrared Conveyer Oven	Hospital & Heath Care	146,358	16,768	24,704	14%	\$0.781	\$0.898	Cooking	Level D	Level D
1	103	Efficient Infrared Griddle	Hospital & Heath Care	143,707	2,650	27,354	16%	\$0.969	\$1.114	Cooking	Level D	Level E
1	106	Power Burner Fryer	Hospital & Heath Care	141,856	1,851	29,206	17%	\$1.174	\$1.350	Cooking	Level E	Level E
1	102	High-Efficiency Convection Oven	Hospital & Heath Care	135,285	6,571	35,776	21%	\$1.488	\$1.711	Cooking	Level E	Level E
1	105	Power Burner Oven	Hospital & Heath Care	133,542	1,743	37,519	22%	\$3.115	\$3.582	Cooking	Level E	Level E
1	200	Base Heating	Hospital & Heath Care	16,171,714	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Hospital & Heath Care	14,966,060	1,205,654	1,205,654	7%	\$0.013	\$0.015	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	Hospital & Heath Care	14,928,075	37,985	1,243,639	8%	\$0.023	\$0.027	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	Hospital & Heath Care	14,916,815	11,260	1,254,900	8%	\$0.053	\$0.061	HVAC	Level A	Level A
1	207	Duct Insulation	Hospital & Heath Care	14,864,069	52,746	1,307,646	8%	\$0.060	\$0.068	HVAC	Level A	Level A
1	228	Stack Heat Exchanger	Hospital & Heath Care	14,603,928	260,141	1,567,786	10%	\$0.064	\$0.073	HVAC	Level A	Level A

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1	227	High Efficiency Gas Furnace	Hospital & Heath Care	12,541,909	2,062,019	3,629,805	22%	\$0.156	\$0.180	HVAC	Level A	Level A
1	209	Insulation of Pipes	Hospital & Heath Care	12,510,148	31,761	3,661,567	23%	\$0.213	\$0.245	HVAC	Level A	Level A
1	212	Boiler Tune-Up	Hospital & Heath Care	12,485,648	24,500	3,686,067	23%	\$0.283	\$0.326	HVAC	Level A	Level B
1	203	Insulation (wall)	Hospital & Heath Care	12,166,790	318,857	4,004,924	25%	\$0.503	\$0.578	HVAC	Level C	Level C
1	218	Installation of Energy Management Systems (EMS)	Hospital & Heath Care	11,897,312	269,478	4,274,402	26%	\$0.720	\$0.829	HVAC	Level D	Level D
1	202	Insulation (ceiling)	Hospital & Heath Care	11,758,332	138,980	4,413,383	27%	\$1.027	\$1.181	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Hospital & Heath Care	11,533,865	224,467	4,637,849	29%	\$1.292	\$1.486	HVAC	Level E	Level E
1	300	Base Pool Heating	Hospital & Heath Care	27,080	0	0	0%	N/A	\$-	Appliances	N/A	N/A
1	302	Installation of Swimming Pool/Spa Covers	Hospital & Heath Care	21,910	5,170	5,170	19%	\$0.025	\$0.028	Appliances	Level A	Level A
1	301	Installation of Solar Pool/Spa Heating Systems	Hospital & Heath Care	18,448	3,462	8,632	32%	\$0.945	\$1.087	Appliances	Level D	Level E
1	400	Base Water Heating	Hospital & Heath Care	12,674,507	0	0	0%	N/A	\$-	Water Heat	N/A	N/A

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1	401	Hot Water (SHW) Pipe Insulation	Hospital & Heath Care	12,579,909	94,598	94,598	1%	\$0.045	\$0.052	Water Heat	Level A	Level A
1	403	Water Heater Tank Blanket/Insulation	Hospital & Heath Care	12,256,344	323,564	418,162	3%	\$0.131	\$0.151	Water Heat	Level A	Level A
1	404	Tankless Water Heater	Hospital & Heath Care	12,194,345	61,999	480,162	4%	\$0.206	\$0.237	Water Heat	Level A	Level A
1	402	High-Efficiency Water Heater (gas)	Hospital & Heath Care	9,390,385	2,803,960	3,284,122	26%	\$0.245	\$0.282	Water Heat	Level A	Level A
1	100	Base Cooking	Hotel	516,278	0	0	0%	N/A	\$-	Cooking	N/A	N/A
1	104	Infrared Fryer	Hotel	492,327	23,951	23,951	5%	\$0.230	\$0.264	Cooking	Level A	Level A
1	103	Efficient Infrared Griddle	Hotel	483,411	8,915	32,866	6%	\$0.869	\$1.000	Cooking	Level D	Level D
1	106	Power Burner Fryer	Hotel	477,183	6,228	39,094	8%	\$1.053	\$1.211	Cooking	Level E	Level E
1	102	High-Efficiency Convection Oven	Hotel	457,940	19,244	58,338	11%	\$1.559	\$1.793	Cooking	Level E	Level E
1	107	Infrared Conveyer Oven	Hotel	442,407	15,533	73,871	14%	\$2.545	\$2.926	Cooking	Level E	Level E
1	105	Power Burner Oven	Hotel	436,707	5,700	79,571	15%	\$2.875	\$3.306	Cooking	Level E	Level E
1	200	Base Heating	Hotel	566,361	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Hotel	482,904	83,456	83,456	15%	\$0.189	\$0.217	HVAC	Level A	Level A
1	206	Duct Repair and Sealing	Hotel	481,679	1,226	84,682	15%	\$0.336	\$0.387	HVAC	Level B	Level B
1	216	Clock/Programmable Thermostat	Hotel	481,554	125	84,807	15%	\$0.347	\$0.399	HVAC	Level B	Level B

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1	228	Stack Heat Exchanger	Hotel	472,775	8,779	93,586	17%	\$0.360	\$0.414	HVAC	Level B	Level B
1	209	Insulation of Pipes	Hotel	471,579	1,196	94,782	17%	\$0.676	\$0.777	HVAC	Level D	Level D
1	227	High Efficiency Gas Furnace	Hotel	406,087	65,492	160,274	28%	\$0.761	\$0.875	HVAC	Level D	Level D
1	207	Duct Insulation	Hotel	404,474	1,613	161,886	29%	\$1.024	\$1.178	HVAC	Level E	Level E
1	212	Boiler Tune-Up	Hotel	402,423	2,051	163,938	29%	\$1.582	\$1.820	HVAC	Level E	Level E
1	203	Insulation (wall)	Hotel	362,181	40,242	204,180	36%	\$1.931	\$2.221	HVAC	Level E	Level E
1	202	Insulation (ceiling)	Hotel	350,464	11,717	215,897	38%	\$3.679	\$4.231	HVAC	Level E	Level E
1	218	Installation of Energy Management Systems (EMS)	Hotel	334,750	15,713	231,610	41%	\$5.198	\$5.977	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Hotel	329,092	5,658	237,269	42%	\$8.812	\$10.134	HVAC	Level E	Level E
1	300	Base Pool Heating	Hotel	553,305	0	0	0%	N/A	\$-	Appliances	N/A	N/A
1	302	Installation of Swimming Pool/Spa Covers	Hotel	403,377	149,928	149,928	27%	\$0.028	\$0.032	Appliances	Level A	Level A
1	301	Installation of Solar Pool/Spa Heating Systems	Hotel	339,643	63,734	213,661	39%	\$0.835	\$0.960	Appliances	Level D	Level D
1	400	Base Water Heating	Hotel	2,085,120	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	Hotel	1,960,554	124,565	124,565	6%	\$0.273	\$0.314	Water Heat	Level A	Level B
1	404	Tankless Water Heater	Hotel	1,942,675	17,880	142,445	7%	\$0.356	\$0.409	Water Heat	Level B	Level B

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
1	402	High-Efficiency Water Heater (gas)	Hotel	1,493,508	449,167	591,612	28%	\$0.423	\$0.487	Water Heat	Level B	Level C
1	401	Hot Water (SHW) Pipe Insulation	Hotel	1,476,786	16,722	608,333	29%	\$0.447	\$0.514	Water Heat	Level B	Level C
1	200	Base Heating	Miscellaneous	5,845,921	0	0	0%	N/A	\$-	HVAC	N/A	N/A
1	206	Duct Repair and Sealing	Miscellaneous	5,831,084	14,837	14,837	0%	\$0.098	\$0.112	HVAC	Level A	Level A
1	216	Clock/Programmable Thermostat	Miscellaneous	5,829,556	1,527	16,365	0%	\$0.101	\$0.117	HVAC	Level A	Level A
1	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Miscellaneous	5,645,061	184,495	200,860	3%	\$0.092	\$0.106	HVAC	Level A	Level A
1	228	Stack Heat Exchanger	Miscellaneous	5,533,449	111,612	312,472	5%	\$0.152	\$0.174	HVAC	Level A	Level A
1	207	Duct Insulation	Miscellaneous	5,510,297	23,151	335,624	6%	\$0.264	\$0.304	HVAC	Level A	Level B
1	227	High Efficiency Gas Furnace	Miscellaneous	4,733,459	776,839	1,112,462	19%	\$0.392	\$0.450	HVAC	Level B	Level C
1	209	Insulation of Pipes	Miscellaneous	4,721,490	11,969	1,124,431	19%	\$0.571	\$0.657	HVAC	Level C	Level D
1	212	Boiler Tune-Up	Miscellaneous	4,700,674	20,816	1,145,247	20%	\$0.723	\$0.831	HVAC	Level D	Level D
1	203	Insulation (wall)	Miscellaneous	4,377,619	323,055	1,468,302	25%	\$1.132	\$1.302	HVAC	Level E	Level E
1	218	Installation of Energy Management Systems (EMS)	Miscellaneous	4,324,405	53,214	1,521,515	26%	\$1.408	\$1.619	HVAC	Level E	Level E
1	202	Insulation (ceiling)	Miscellaneous	4,290,184	34,221	1,555,736	27%	\$2.162	\$2.486	HVAC	Level E	Level E
1	222	Installation of Air Side Heat Recovery Systems	Miscellaneous	4,230,823	59,362	1,615,098	28%	\$2.431	\$2.796	HVAC	Level E	Level E

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1	400	Base Water Heating	Miscellaneous	5,843,445	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
1	403	Water Heater Tank Blanket/Insulation	Miscellaneous	5,682,501	160,944	160,944	3%	\$0.036	\$0.041	Water Heat	Level A	Level A
1	401	Hot Water (SHW) Pipe Insulation	Miscellaneous	5,606,386	76,115	237,059	4%	\$0.092	\$0.105	Water Heat	Level A	Level A
1	404	Tankless Water Heater	Miscellaneous	5,578,752	27,634	264,693	5%	\$0.349	\$0.401	Water Heat	Level B	Level B
1	402	High-Efficiency Water Heater (gas)	Miscellaneous	4,389,524	1,189,228	1,453,921	25%	\$0.403	\$0.463	Water Heat	Level B	Level C
2	200	Base Heating	Office	139,967	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	228	Stack Heat Exchanger	Office	137,589	2,379	2,379	2%	\$0.101	\$0.116	HVAC	Level A	Level A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Office	124,051	13,538	15,917	11%	\$0.109	\$0.125	HVAC	Level A	Level A
2	206	Duct Repair and Sealing	Office	123,983	68	15,985	11%	\$0.373	\$0.429	HVAC	Level B	Level B
2	216	Clock/Programmable Thermostat	Office	123,945	38	16,023	11%	\$0.373	\$0.429	HVAC	Level B	Level B
2	227	High Efficiency Gas Furnace	Office	111,151	12,793	28,816	21%	\$0.440	\$0.506	HVAC	Level B	Level C
2	209	Insulation of Pipes	Office	111,011	140	28,956	21%	\$0.840	\$0.966	HVAC	Level D	Level D
2	212	Boiler Tune-Up	Office	110,742	270	29,226	21%	\$0.763	\$0.878	HVAC	Level D	Level D
2	207	Duct Insulation	Office	110,671	71	29,297	21%	\$1.034	\$1.190	HVAC	Level E	Level E
2	203	Insulation (wall)	Office	106,558	4,113	33,410	24%	\$2.146	\$2.467	HVAC	Level E	Level E

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2	218	Installation of Energy Management Systems (EMS)	Office	103,623	2,934	36,344	26%	\$2.223	\$2.556	HVAC	Level E	Level E
2	202	Insulation (ceiling)	Office	103,299	325	36,669	26%	\$3.711	\$4.267	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	Office	97,743	5,556	42,225	30%	\$3.993	\$4.592	HVAC	Level E	Level E
2	400	Base Water Heating	Office	102,752	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Office	92,902	9,851	9,851	10%	\$0.061	\$0.071	Water Heat	Level A	Level A
2	401	Hot Water (SHW) Pipe Insulation	Office	92,461	441	10,292	10%	\$0.341	\$0.392	Water Heat	Level B	Level B
2	404	Tankless Water Heater	Office	91,957	503	10,795	11%	\$0.438	\$0.504	Water Heat	Level B	Level C
2	402	High-Efficiency Water Heater (gas)	Office	85,693	6,264	17,059	17%	\$0.468	\$0.538	Water Heat	Level C	Level C
2	200	Base Heating	Dry Goods Retail	171,306	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Dry Goods Retail	162,569	8,737	8,737	5%	\$0.104	\$0.119	HVAC	Level A	Level A
2	206	Duct Repair and Sealing	Dry Goods Retail	162,536	33	8,770	5%	\$0.365	\$0.420	HVAC	Level B	Level B
2	216	Clock/Programmable Thermostat	Dry Goods Retail	162,458	78	8,847	5%	\$0.532	\$0.612	HVAC	Level C	Level C

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2	228	Stack Heat Exchanger	Dry Goods Retail	159,680	2,778	11,626	7%	\$0.520	\$0.598	HVAC	Level C	Level C
2	227	High Efficiency Gas Furnace	Dry Goods Retail	146,395	13,284	24,910	15%	\$0.666	\$0.766	HVAC	Level D	Level D
2	207	Duct Insulation	Dry Goods Retail	146,345	50	24,960	15%	\$1.006	\$1.156	HVAC	Level E	Level E
2	209	Insulation of Pipes	Dry Goods Retail	146,164	181	25,141	15%	\$1.630	\$1.875	HVAC	Level E	Level E
2	203	Insulation (wall)	Dry Goods Retail	144,414	1,750	26,892	16%	\$4.133	\$4.753	HVAC	Level E	Level E
2	202	Insulation (ceiling)	Dry Goods Retail	142,981	1,433	28,324	17%	\$4.676	\$5.377	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	Dry Goods Retail	140,130	2,851	31,176	18%	\$5.390	\$6.199	HVAC	Level E	Level E
2	400	Base Water Heating	Dry Goods Retail	222,425	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Dry Goods Retail	205,076	17,348	17,348	8%	\$0.117	\$0.135	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Dry Goods Retail	204,407	669	18,018	8%	\$0.428	\$0.492	Water Heat	Level B	Level C
2	402	High-Efficiency Water Heater (gas)	Dry Goods Retail	194,465	9,942	27,960	13%	\$0.466	\$0.536	Water Heat	Level C	Level C
2	401	Hot Water (SHW) Pipe Insulation	Dry Goods Retail	193,209	1,257	29,216	13%	\$0.685	\$0.788	Water Heat	Level D	Level D

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2	100	Base Cooking	Restaurant	534,453	0	0	0%	N/A	\$-	Cooking	N/A	N/A
2	104	Infrared Fryer	Restaurant	510,315	24,138	24,138	5%	\$0.263	\$0.302	Cooking	Level A	Level B
2	103	Efficient Infrared Griddle	Restaurant	489,153	21,162	45,300	8%	\$0.422	\$0.485	Cooking	Level B	Level C
2	107	Infrared Conveyer Oven	Restaurant	440,202	48,950	94,251	18%	\$0.930	\$1.070	Cooking	Level D	Level E
2	106	Power Burner Fryer	Restaurant	434,681	5,521	99,772	19%	\$1.368	\$1.573	Cooking	Level E	Level E
2	102	High-Efficiency Convection Oven	Restaurant	426,514	8,167	107,939	20%	\$2.019	\$2.322	Cooking	Level E	Level E
2	105	Power Burner Oven	Restaurant	421,165	5,350	113,288	21%	\$3.528	\$4.057	Cooking	Level E	Level E
2	200	Base Heating	Restaurant	40,100	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	216	Clock/Programmable Thermostat	Restaurant	40,088	13	13	0%	\$0.431	\$0.496	HVAC	Level B	Level C
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Restaurant	39,530	558	570	1%	\$0.527	\$0.606	HVAC	Level C	Level C
2	206	Duct Repair and Sealing	Restaurant	39,523	7	578	1%	\$0.766	\$0.880	HVAC	Level D	Level D
2	227	High Efficiency Gas Furnace	Restaurant	36,543	2,980	3,558	9%	\$1.422	\$1.635	HVAC	Level E	Level E
2	228	Stack Heat Exchanger	Restaurant	35,911	632	4,190	10%	\$1.855	\$2.134	HVAC	Level E	Level E
2	209	Insulation of Pipes	Restaurant	35,866	45	4,235	11%	\$2.046	\$2.353	HVAC	Level E	Level E
2	207	Duct Insulation	Restaurant	35,858	7	4,242	11%	\$2.088	\$2.401	HVAC	Level E	Level E
2	203	Insulation (wall)	Restaurant	35,367	491	4,733	12%	\$3.617	\$4.160	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	Restaurant	34,739	627	5,361	13%	\$4.346	\$4.997	HVAC	Level E	Level E

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2	202	Insulation (ceiling)	Restaurant	34,553	186	5,547	14%	\$5.064	\$5.824	HVAC	Level E	Level E
2	400	Base Water Heating	Restaurant	144,793	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Restaurant	138,384	6,410	6,410	4%	\$0.112	\$0.129	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Restaurant	137,293	1,090	7,500	5%	\$0.206	\$0.237	Water Heat	Level A	Level A
2	402	High-Efficiency Water Heater (gas)	Restaurant	121,962	15,331	22,831	16%	\$0.224	\$0.258	Water Heat	Level A	Level A
2	401	Hot Water (SHW) Pipe Insulation	Restaurant	120,981	981	23,812	16%	\$0.279	\$0.320	Water Heat	Level A	Level B
2	100	Base Cooking	Grocery	86,368	0	0	0%	N/A	\$-	Cooking	N/A	N/A
2	102	High-Efficiency Convection Oven	Grocery	84,832	1,536	1,536	2%	\$0.987	\$1.135	Cooking	Level D	Level E
2	106	Power Burner Fryer	Grocery	84,546	286	1,822	2%	\$1.718	\$1.975	Cooking	Level E	Level E
2	103	Efficient Infrared Griddle	Grocery	84,261	285	2,107	2%	\$2.041	\$2.347	Cooking	Level E	Level E
2	104	Infrared Fryer	Grocery	84,119	142	2,249	3%	\$2.908	\$3.345	Cooking	Level E	Level E
2	105	Power Burner Oven	Grocery	83,835	284	2,533	3%	\$4.328	\$4.977	Cooking	Level E	Level E
2	107	Infrared Conveyer Oven	Grocery	83,517	318	2,851	3%	\$9.338	\$10.739	Cooking	Level E	Level E
2	200	Base Heating	Grocery	80,104	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Grocery	77,559	2,545	2,545	3%	\$0.147	\$0.169	HVAC	Level A	Level A
2	206	Duct Repair and Sealing	Grocery	77,549	10	2,555	3%	\$0.234	\$0.269	HVAC	Level A	Level A

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2	216	Clock/Programmable Thermostat	Grocery	77,511	38	2,593	3%	\$0.319	\$0.367	HVAC	Level B	Level B
2	227	High Efficiency Gas Furnace	Grocery	73,257	4,253	6,847	9%	\$0.431	\$0.496	HVAC	Level B	Level C
2	207	Duct Insulation	Grocery	73,243	14	6,861	9%	\$0.613	\$0.705	HVAC	Level C	Level D
2	209	Insulation of Pipes	Grocery	73,151	92	6,953	9%	\$1.074	\$1.235	HVAC	Level E	Level E
2	228	Stack Heat Exchanger	Grocery	71,872	1,279	8,232	10%	\$1.045	\$1.202	HVAC	Level E	Level E
2	203	Insulation (wall)	Grocery	71,212	660	8,892	11%	\$2.615	\$3.007	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	Grocery	70,312	900	9,792	12%	\$3.079	\$3.541	HVAC	Level E	Level E
2	202	Insulation (ceiling)	Grocery	69,992	320	10,112	13%	\$4.776	\$5.493	HVAC	Level E	Level E
2	400	Base Water Heating	Grocery	19,559	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Grocery	18,894	665	665	3%	\$0.152	\$0.175	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Grocery	18,784	110	775	4%	\$0.408	\$0.470	Water Heat	Level B	Level C
2	402	High-Efficiency Water Heater (gas)	Grocery	16,871	1,913	2,688	14%	\$0.457	\$0.526	Water Heat	Level C	Level C
2	401	Hot Water (SHW) Pipe Insulation	Grocery	16,818	53	2,741	14%	\$0.586	\$0.673	Water Heat	Level C	Level D
2	200	Base Heating	Warehouse	345,438	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	206	Duct Repair and Sealing	Warehouse	345,389	49	49	0%	\$0.178	\$0.204	HVAC	Level A	Level A
2	228	Stack Heat Exchanger	Warehouse	339,549	5,840	5,889	2%	\$0.172	\$0.198	HVAC	Level A	Level A

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2	227	High Efficiency Gas Furnace	Warehouse	319,855	19,694	25,583	7%	\$0.527	\$0.606	HVAC	Level C	Level C
2	207	Duct Insulation	Warehouse	319,799	56	25,639	7%	\$0.475	\$0.546	HVAC	Level C	Level C
2	216	Clock/Programmable Thermostat	Warehouse	319,724	74	25,713	7%	\$0.567	\$0.652	HVAC	Level C	Level D
2	209	Insulation of Pipes	Warehouse	319,335	390	26,103	8%	\$0.857	\$0.986	HVAC	Level D	Level D
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Warehouse	317,738	1,597	27,700	8%	\$0.716	\$0.824	HVAC	Level D	Level D
2	202	Insulation (ceiling)	Warehouse	315,735	2,002	29,702	9%	\$2.209	\$2.540	HVAC	Level E	Level E
2	203	Insulation (wall)	Warehouse	314,063	1,672	31,374	9%	\$3.943	\$4.535	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	Warehouse	310,230	3,833	35,207	10%	\$5.059	\$5.818	HVAC	Level E	Level E
2	400	Base Water Heating	Warehouse	19,261	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Warehouse	17,579	1,682	1,682	9%	\$0.172	\$0.198	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Warehouse	17,510	69	1,751	9%	\$0.644	\$0.740	Water Heat	Level C	Level D
2	402	High-Efficiency Water Heater (gas)	Warehouse	16,543	967	2,718	14%	\$0.696	\$0.800	Water Heat	Level D	Level D
2	401	Hot Water (SHW) Pipe Insulation	Warehouse	16,466	77	2,796	15%	\$1.249	\$1.437	Water Heat	Level E	Level E
2	100	Base Cooking	School	3,960	0	0	0%	N/A	\$-	Cooking	N/A	N/A
2	104	Infrared Fryer	School	3,838	122	122	3%	\$1.839	\$2.114	Cooking	Level E	Level E

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2	102	High-Efficiency Convection Oven	School	3,675	163	284	7%	\$5.057	\$5.816	Cooking	Level E	Level E
2	103	Efficient Infrared Griddle	School	3,631	44	328	8%	\$7.145	\$8.217	Cooking	Level E	Level E
2	106	Power Burner Fryer	School	3,600	31	359	9%	\$8.602	\$9.892	Cooking	Level E	Level E
2	107	Infrared Conveyer Oven	School	3,519	81	440	11%	\$19.859	\$22.838	Cooking	Level E	Level E
2	105	Power Burner Oven	School	3,489	30	470	12%	\$22.175	\$25.501	Cooking	Level E	Level E
2	200	Base Heating	School	22,978	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	206	Duct Repair and Sealing	School	22,973	5	5	0%	\$0.126	\$0.145	HVAC	Level A	Level A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	School	22,289	684	689	3%	\$0.100	\$0.115	HVAC	Level A	Level A
2	228	Stack Heat Exchanger	School	21,912	377	1,066	5%	\$0.311	\$0.358	HVAC	Level B	Level B
2	216	Clock/Programmable Thermostat	School	21,909	2	1,068	5%	\$0.353	\$0.405	HVAC	Level B	Level B
2	207	Duct Insulation	School	21,903	7	1,075	5%	\$0.327	\$0.376	HVAC	Level B	Level B
2	209	Insulation of Pipes	School	21,884	18	1,093	5%	\$0.564	\$0.649	HVAC	Level C	Level C
2	227	High Efficiency Gas Furnace	School	21,126	758	1,851	8%	\$1.697	\$1.951	HVAC	Level E	Level E
2	218	Installation of Energy Management Systems (EMS)	School	21,051	75	1,927	8%	\$1.813	\$2.085	HVAC	Level E	Level E
2	203	Insulation (wall)	School	20,870	181	2,108	9%	\$2.603	\$2.993	HVAC	Level E	Level E

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2	222	Installation of Air Side Heat Recovery Systems	School	20,538	332	2,439	11%	\$3.189	\$3.668	HVAC	Level E	Level E
2	202	Insulation (ceiling)	School	20,457	81	2,520	11%	\$4.855	\$5.583	HVAC	Level E	Level E
2	300	Base Pool Heating	School	774	0	0	0%	N/A	\$-	Appliances	N/A	N/A
2	302	Installation of Swimming Pool/Spa Covers	School	680	94	94	12%	\$0.130	\$0.149	Appliances	Level A	Level A
2	301	Installation of Solar Pool/Spa Heating Systems	School	573	107	202	26%	\$12.037	\$13.843	Appliances	Level E	Level E
2	400	Base Water Heating	School	19,593	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	School	18,002	1,591	1,591	8%	\$0.123	\$0.142	Water Heat	Level A	Level A
2	401	Hot Water (SHW) Pipe Insulation	School	17,953	49	1,640	8%	\$0.440	\$0.507	Water Heat	Level B	Level C
2	404	Tankless Water Heater	School	17,878	75	1,715	9%	\$0.646	\$0.743	Water Heat	Level C	Level D
2	402	High-Efficiency Water Heater (gas)	School	16,116	1,762	3,478	18%	\$0.769	\$0.884	Water Heat	Level D	Level D
2	100	Base Cooking	University	2,460	0	0	0%	N/A	\$-	Cooking	N/A	N/A
2	104	Infrared Fryer	University	2,370	89	89	4%	\$0.919	\$1.057	Cooking	Level D	Level E
2	103	Efficient Infrared Griddle	University	2,325	45	134	5%	\$2.576	\$2.962	Cooking	Level E	Level E
2	107	Infrared Conveyer Oven	University	2,138	187	322	13%	\$3.151	\$3.624	Cooking	Level E	Level E
2	106	Power Burner Fryer	University	2,116	22	343	14%	\$4.538	\$5.218	Cooking	Level E	Level E
2	102	High-Efficiency Convection Oven	University	2,079	38	381	15%	\$8.049	\$9.256	Cooking	Level E	Level E

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	105	Power Burner Oven	University	2,058	21	402	16%	\$11.660	\$13.409	Cooking	Level E	Level E
2	200	Base Heating	University	21,136	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	228	Stack Heat Exchanger	University	20,791	345	345	2%	\$0.050	\$0.057	HVAC	Level A	Level A
2	206	Duct Repair and Sealing	University	20,788	3	348	2%	\$0.076	\$0.088	HVAC	Level A	Level A
2	209	Insulation of Pipes	University	20,770	17	366	2%	\$0.140	\$0.161	HVAC	Level A	Level A
2	207	Duct Insulation	University	20,766	4	370	2%	\$0.190	\$0.218	HVAC	Level A	Level A
2	216	Clock/Programmable Thermostat	University	20,764	2	372	2%	\$0.239	\$0.275	HVAC	Level A	Level A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	University	20,147	617	989	5%	\$0.184	\$0.212	HVAC	Level A	Level A
2	212	Boiler Tune-Up	University	20,135	12	1,001	5%	\$0.315	\$0.362	HVAC	Level B	Level B
2	227	High Efficiency Gas Furnace	University	19,437	698	1,699	8%	\$0.448	\$0.516	HVAC	Level B	Level C
2	203	Insulation (wall)	University	19,391	46	1,745	8%	\$1.110	\$1.277	HVAC	Level E	Level E
2	218	Installation of Energy Management Systems (EMS)	University	19,225	166	1,910	9%	\$1.282	\$1.475	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	University	18,950	275	2,185	10%	\$2.302	\$2.647	HVAC	Level E	Level E
2	202	Insulation (ceiling)	University	18,938	13	2,198	10%	\$3.591	\$4.129	HVAC	Level E	Level E
2	300	Base Pool Heating	University	987	0	0	0%	N/A	\$-	Appliances	N/A	N/A

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2	302	Installation of Swimming Pool/Spa Covers	University	882	105	105	11%	\$0.060	\$0.069	Appliances	Level A	Level A
2	301	Installation of Solar Pool/Spa Heating Systems	University	743	139	245	25%	\$4.548	\$5.230	Appliances	Level E	Level E
2	400	Base Water Heating	University	22,822	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	University	22,217	605	605	3%	\$0.121	\$0.139	Water Heat	Level A	Level A
2	401	Hot Water (SHW) Pipe Insulation	University	22,212	5	610	3%	\$0.261	\$0.300	Water Heat	Level A	Level B
2	404	Tankless Water Heater	University	22,132	80	690	3%	\$0.405	\$0.466	Water Heat	Level B	Level C
2	402	High-Efficiency Water Heater (gas)	University	20,249	1,883	2,573	11%	\$0.482	\$0.554	Water Heat	Level C	Level C
2	100	Base Cooking	Hospital & Heath Care	9,057	0	0	0%	N/A	\$-	Cooking	N/A	N/A
2	104	Infrared Fryer	Hospital & Heath Care	8,942	115	115	1%	\$0.230	\$0.264	Cooking	Level A	Level A
2	107	Infrared Conveyer Oven	Hospital & Heath Care	8,690	252	367	4%	\$0.754	\$0.868	Cooking	Level D	Level D
2	103	Efficient Infrared Griddle	Hospital & Heath Care	8,647	43	410	5%	\$0.864	\$0.994	Cooking	Level D	Level D
2	106	Power Burner Fryer	Hospital & Heath Care	8,616	31	441	5%	\$1.033	\$1.188	Cooking	Level E	Level E
2	102	High-Efficiency Convection Oven	Hospital & Heath Care	8,542	75	515	6%	\$1.297	\$1.492	Cooking	Level E	Level E

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Sgmt	Measure Number	Measure	Building Type	Total Therms	Therms Savings	Total Energy Savings Therms	Percent Therms Savings	Marginal Energy Cost \$/Therm Technical Potential	Marginal Energy Cost \$/Therm Achievable Potential	End Use Groups	Technical Potential Cost Group	Achievable Potential Cost Group
2	105	Power Burner Oven	Hospital & Heath Care	8,511	30	546	6%	\$2.612	\$3.004	Cooking	Level E	Level E
2	200	Base Heating	Hospital & Heath Care	293,193	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	206	Duct Repair and Sealing	Hospital & Heath Care	293,155	38	38	0%	\$0.041	\$0.047	HVAC	Level A	Level A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Hospital & Heath Care	284,418	8,737	8,775	3%	\$0.032	\$0.037	HVAC	Level A	Level A
2	228	Stack Heat Exchanger	Hospital & Heath Care	279,886	4,532	13,307	5%	\$0.063	\$0.073	HVAC	Level A	Level A
2	207	Duct Insulation	Hospital & Heath Care	279,835	51	13,358	5%	\$0.106	\$0.121	HVAC	Level A	Level A
2	216	Clock/Programmable Thermostat	Hospital & Heath Care	279,782	53	13,411	5%	\$0.136	\$0.156	HVAC	Level A	Level A
2	227	High Efficiency Gas Furnace	Hospital & Heath Care	264,775	15,008	28,419	10%	\$0.216	\$0.249	HVAC	Level A	Level A
2	209	Insulation of Pipes	Hospital & Heath Care	264,505	269	28,688	10%	\$0.338	\$0.388	HVAC	Level B	Level B
2	212	Boiler Tune-Up	Hospital & Heath Care	264,367	138	28,826	10%	\$0.408	\$0.469	HVAC	Level B	Level C
2	218	Installation of Energy Management Systems (EMS)	Hospital & Heath Care	260,300	4,067	32,893	11%	\$0.746	\$0.858	HVAC	Level D	Level D

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2	203	Insulation (wall)	Hospital & Heath Care	259,668	632	33,525	11%	\$0.921	\$1.059	HVAC	Level D	Level E
2	222	Installation of Air Side Heat Recovery Systems	Hospital & Heath Care	256,329	3,339	36,864	13%	\$1.302	\$1.498	HVAC	Level E	Level E
2	202	Insulation (ceiling)	Hospital & Heath Care	256,153	176	37,040	13%	\$2.929	\$3.368	HVAC	Level E	Level E
2	300	Base Pool Heating	Hospital & Heath Care	282	0	0	0%	N/A	\$-	Appliances	N/A	N/A
2	302	Installation of Swimming Pool/Spa Covers	Hospital & Heath Care	229	54	54	19%	\$0.038	\$0.044	Appliances	Level A	Level A
2	301	Installation of Solar Pool/Spa Heating Systems	Hospital & Heath Care	192	36	90	32%	\$1.630	\$1.875	Appliances	Level E	Level E
2	400	Base Water Heating	Hospital & Heath Care	229,789	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	401	Hot Water (SHW) Pipe Insulation	Hospital & Heath Care	228,989	799	799	0%	\$0.064	\$0.074	Water Heat	Level A	Level A
2	403	Water Heater Tank Blanket/Insulation	Hospital & Heath Care	223,100	5,890	6,689	3%	\$0.105	\$0.121	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Hospital & Heath Care	222,198	901	7,590	3%	\$0.242	\$0.279	Water Heat	Level A	Level A
2	402	High-Efficiency Water Heater (gas)	Hospital & Heath Care	199,907	22,291	29,882	13%	\$0.288	\$0.331	Water Heat	Level A	Level B
2	100	Base Cooking	Hotel	11,029	0	0	0%	N/A	\$-	Cooking	N/A	N/A
2	104	Infrared Fryer	Hotel	10,682	347	347	3%	\$0.230	\$0.264	Cooking	Level A	Level A

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2	103	Efficient Infrared Griddle	Hotel	10,550	131	479	4%	\$0.856	\$0.984	Cooking	Level D	Level D
2	106	Power Burner Fryer	Hotel	10,458	92	571	5%	\$1.031	\$1.185	Cooking	Level E	Level E
2	102	High-Efficiency Convection Oven	Hotel	10,265	193	764	7%	\$1.520	\$1.748	Cooking	Level E	Level E
2	107	Infrared Conveyer Oven	Hotel	10,029	236	1,000	9%	\$2.425	\$2.789	Cooking	Level E	Level E
2	105	Power Burner Oven	Hotel	9,941	88	1,088	10%	\$2.709	\$3.116	Cooking	Level E	Level E
2	200	Base Heating	Hotel	10,268	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	228	Stack Heat Exchanger	Hotel	10,093	176	176	2%	\$0.316	\$0.364	HVAC	Level B	Level B
2	206	Duct Repair and Sealing	Hotel	10,091	2	178	2%	\$0.552	\$0.635	HVAC	Level C	Level C
2	216	Clock/Programmable Thermostat	Hotel	10,090	1	178	2%	\$0.795	\$0.915	HVAC	Level D	Level D
2	227	High Efficiency Gas Furnace	Hotel	9,851	240	418	4%	\$0.943	\$1.084	HVAC	Level D	Level E
2	209	Insulation of Pipes	Hotel	9,844	6	424	4%	\$1.084	\$1.246	HVAC	Level E	Level E
2	207	Duct Insulation	Hotel	9,841	3	427	4%	\$1.404	\$1.614	HVAC	Level E	Level E
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Hotel	9,553	288	715	7%	\$0.948	\$1.090	HVAC	Level D	Level E
2	212	Boiler Tune-Up	Hotel	9,546	7	723	7%	\$2.040	\$2.346	HVAC	Level E	Level E
2	203	Insulation (wall)	Hotel	9,399	146	869	8%	\$2.845	\$3.272	HVAC	Level E	Level E
2	218	Installation of Energy Management Systems (EMS)	Hotel	9,108	291	1,160	11%	\$4.385	\$5.043	HVAC	Level E	Level E

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2	222	Installation of Air Side Heat Recovery Systems	Hotel	8,996	112	1,272	12%	\$7.485	\$8.608	HVAC	Level E	Level E
2	202	Insulation (ceiling)	Hotel	8,970	26	1,298	13%	\$8.823	\$10.146	HVAC	Level E	Level E
2	300	Base Pool Heating	Hotel	5,496	0	0	0%	N/A	\$-	Appliances	N/A	N/A
2	302	Installation of Swimming Pool/Spa Covers	Hotel	4,007	1,489	1,489	27%	\$0.045	\$0.052	Appliances	Level A	Level A
2	301	Installation of Solar Pool/Spa Heating Systems	Hotel	3,374	633	2,122	39%	\$1.511	\$1.738	Appliances	Level E	Level E
2	400	Base Water Heating	Hotel	37,804	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Hotel	35,545	2,258	2,258	6%	\$0.219	\$0.252	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Hotel	35,286	259	2,518	7%	\$0.420	\$0.483	Water Heat	Level B	Level C
2	402	High-Efficiency Water Heater (gas)	Hotel	29,344	5,942	8,459	22%	\$0.498	\$0.572	Water Heat	Level C	Level C
2	401	Hot Water (SHW) Pipe Insulation	Hotel	29,158	187	8,646	23%	\$0.583	\$0.671	Water Heat	Level C	Level D
2	200	Base Heating	Miscellaneous	105,990	0	0	0%	N/A	\$-	HVAC	N/A	N/A
2	201	High Efficiency Windows (Multiple Glazed, Low Emissivity)	Miscellaneous	102,635	3,354	3,354	3%	\$0.088	\$0.101	HVAC	Level A	Level A
2	228	Stack Heat Exchanger	Miscellaneous	100,900	1,735	5,090	5%	\$0.169	\$0.194	HVAC	Level A	Level A
2	206	Duct Repair and Sealing	Miscellaneous	100,884	16	5,106	5%	\$0.194	\$0.223	HVAC	Level A	Level A
2	216	Clock/Programmable Thermostat	Miscellaneous	100,880	3	5,109	5%	\$0.281	\$0.323	HVAC	Level A	Level B

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2	207	Duct Insulation	Miscellaneous	100,854	26	5,135	5%	\$0.481	\$0.553	HVAC	Level C	Level C
2	227	High Efficiency Gas Furnace	Miscellaneous	99,485	1,369	6,504	6%	\$0.567	\$0.652	HVAC	Level C	Level D
2	209	Insulation of Pipes	Miscellaneous	99,415	71	6,575	6%	\$0.908	\$1.044	HVAC	Level D	Level E
2	212	Boiler Tune-Up	Miscellaneous	99,352	62	6,637	6%	\$1.045	\$1.202	HVAC	Level E	Level E
2	218	Installation of Energy Management Systems (EMS)	Miscellaneous	98,529	823	7,460	7%	\$1.423	\$1.636	HVAC	Level E	Level E
2	202	Insulation (ceiling)	Miscellaneous	98,345	184	7,645	7%	\$1.738	\$1.999	HVAC	Level E	Level E
2	203	Insulation (wall)	Miscellaneous	97,535	810	8,455	8%	\$1.965	\$2.259	HVAC	Level E	Level E
2	222	Installation of Air Side Heat Recovery Systems	Miscellaneous	96,550	985	9,440	9%	\$2.471	\$2.842	HVAC	Level E	Level E
2	400	Base Water Heating	Miscellaneous	105,945	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Miscellaneous	103,640	2,305	2,305	2%	\$0.036	\$0.042	Water Heat	Level A	Level A
2	401	Hot Water (SHW) Pipe Insulation	Miscellaneous	103,220	420	2,725	3%	\$0.129	\$0.148	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Miscellaneous	102,813	407	3,132	3%	\$0.405	\$0.466	Water Heat	Level B	Level C
2	402	High-Efficiency Water Heater (gas)	Miscellaneous	94,229	8,584	11,716	11%	\$0.469	\$0.540	Water Heat	Level C	Level C
2	400	Base Water Heating	Miscellaneous	105,945	0	0	0%	N/A	\$-	Water Heat	N/A	N/A
2	403	Water Heater Tank Blanket/Insulation	Miscellaneous	103,027	2,918	2,918	3%	\$0.036	\$0.041	Water Heat	Level A	Level A

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2	401	Hot Water (SHW) Pipe Insulation	Miscellaneous	102,610	417	3,335	3%	\$0.138	\$0.159	Water Heat	Level A	Level A
2	404	Tankless Water Heater	Miscellaneous	102,104	506	3,841	4%	\$0.345	\$0.397	Water Heat	Level B	Level B
2	402	High-Efficiency Water Heater (gas)	Miscellaneous	91,375	10,729	14,570	14%	\$0.399	\$0.459	Water Heat	Level B	Level C