

Overview:

The IESO Prescriptive Measures and Assumptions List (“MAL”) is the collection of electricity conservation measures in the current Save on Energy programs, which present deemed energy and demand savings using prescriptive input assumptions (PIAs). It provides best available information and consistent conservation program assumptions needed to estimate potential gross energy and demand savings which may, in turn, serve as the basis for the design, implementation, and evaluation of conservation and demand side management programs.

Purpose and Scope:

Information presented in the MAL is derived and gathered from various sources ranging from previous evaluation studies involving engineering calculations to in-situ (in its original place) metering studies. Data may also be based on studies undertaken in jurisdictions outside Ontario and updated to reflect Ontario conditions.

Updating the Prescriptive Measures and Assumptions List

Measure-level assumptions are reviewed on an annual basis or as new information becomes available. The IESO has adopted an open, transparent, and flexible approach for reviewing and maintaining its Measures and Assumptions List. Stakeholders may submit new measures or measure revisions to the IESO for considerations.

Full substantiation of individual measures listed in this MAL can be requested by sending an e-mail to evaluations@ieso.ca.

The IESO Prescriptive Measures and Assumptions List (“MAL”) is provided solely for informational purposes and based on information currently available to the Independent Electricity System Operator (“IESO”). The IESO expressly disclaims any responsibility or liability for any other use of the information in the MAL or any methods or equipment described. In particular, the information in the MAL is not meant to be relied on to determine or project actual electricity or cost savings, or to calculate progress towards conservation and demand management targets set by the Ontario Energy Board. The IESO does not warrant the accuracy, reliability, completeness or timeliness of any of the information contained in the MAL, including any third party information, and undertakes no obligation to revise or update the MAL. Users of the MAL rely on the information contained therein at their own risk and remain responsible for seeking appropriate legal, technical or other professional advice with regard to their particular circumstances. The IESO and its respective officers, directors, employees, consultants, agents and subcontractors assume no liability or responsibility whatsoever to any person for damages of whatever kind and nature, which may occur or be suffered as a result of the use of the MAL or reliance on the information therein.

How to Use this Workbook:

This workbook contains energy conservation measures found under two tabs: **Measures - Consumer** and **Measures - Business**.

Below is an explanation of the column headings used in the Worksheet.

Column Heading	Description
Sector	Indicates whether the conservation measure is applicable for the Consumer or Business sector.
Program	Shows the name of the Save on Energy Programs.
End Use	Shows the general application of the conservation measure (e.g. lighting, space cooling, water heating, etc.).
Conservation Measure	This is the high efficiency measure that usually involves the installation of equipment or technology that is considered more energy efficient than existing base case installations.
Measure Description	Describes the energy efficient measure by indicating different sizes, capacities, types and efficiency levels available in the market.
Base Measure	Indicates the equipment or technology to be replaced or describes the baseline scenario.
Assumed Annual Operating Hours	Indicates the assumed annual operating hours for the estimation of energy savings.
Base Case kW	Shows the assumed connected demand wattage of the base case measure.
Base Case kWh	Indicates the assumed energy consumption of the base case measure. In general, this is estimated from the assumed wattage and annual operating hours.
Conservation Case kW	Shows the assumed connected demand wattage of the energy efficient measure.
Conservation Case kWh	Indicates the assumed energy consumption of the energy efficient measure. In general, this is estimated from the assumed wattage and annual operating hours.
First Year Demand Savings (kW)	Indicates the difference in connected demand wattages of the base and efficient measures over a one year period.
First Year Energy Savings (kWh)	Indicates the difference in energy consumption of the base and efficient measures over a one year period.
Summer Peak Demand Savings (kW)	Indicates the demand savings occurring during summer peak from 1:00 pm to 7:00 pm, Monday to Friday, June, July and August.
Effective Useful Life (Year)	Shows the assumed effective useful life of the measure. For lighting, this is estimated based on the effective useful life of lamps and/or ballasts and the annual operating hours.
End Use Load Profile	Indicates the time-of-use pattern of equipment energy use over a year (8760 hours).
Incremental Life Cycle Cost (\$)	Indicates the price differential between the energy efficient measure and baseline measure over the measure's lifetime.

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW) 2019	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Consumer	Home Assistance Program (HAP)	Controls for Space Cooling and Heating - Residential	PROGRAMMABLE THERMOSTAT	Baseboard Heaters	Non-programmable thermostats installed on baseboard heaters	-	-	-	-	-	-	122.2	0.000	11	PSP-Consumer-Residential-Space_Heating_Room	\$85.00
Consumer	Home Assistance Program (HAP)	Controls for Space Cooling and Heating - Residential	PROGRAMMABLE THERMOSTAT	Electric Forced-Air Heating	Non-programmable thermostat	-	-	-	-	-	-	1321.4	0.000	11	PSP-Consumer-Residential-Forced_Air_Central_Heating	\$85.00
Consumer	Home Assistance Program (HAP)	Controls for Space Cooling and Heating - Residential	LOW VOLTAGE SMART THERMOSTATS	Smart thermostat with WiFi two way communications and intelligent learning capability for electric heating and cooling	Conventional manual and programmable thermostat for electric heating and cooling	-	-	-	-	-	-	838.7	0.000	11	PSP-Consumer-Residential-Forced_Air_Central_Heating	\$240.00
Consumer	Home Assistance Program (HAP)	Controls for Space Cooling and Heating - Residential	LINE VOLTAGE SMART THERMOSTATS	Internet-connected and Wifi-enabled smart line-voltage thermostat for electric baseboard heating that has the ability of auto adjust temperature settings based on observed occupancy patterns.	Electric baseboard heating with non-programmable or programmable thermostats.	-	-	-	-	-	-	186.3	0.000	11	PSP-Consumer-Residential-Space_Heating_Room	\$125.00
Consumer	Home Assistance Program (HAP)	Household Appliances	ENERGY STAR® FREEZER	Freezer Replacement (ENERGY STAR Qualified 12-14.4 cu ft)	Standard Freezer	-	0.056	492.4	0.044	387.6	0.012	104.9	0.014	11	PSP-Consumer-Residential-Refrigerators	\$261.00
Consumer	Home Assistance Program (HAP)	Household Appliances	ENERGY STAR® FREEZER	Freezer Replacement (ENERGY STAR Qualified 14.5 - 16.0 cu ft)	Standard Freezer	-	0.056	490.1	0.044	387.1	0.012	103.0	0.014	11	PSP-Consumer-Residential-Refrigerators	\$286.00
Consumer	Home Assistance Program (HAP)	Household Appliances	ENERGY STAR® REFRIGERATOR	Refrigerator Replacement (ENERGY STAR Qualified 15.5 - 16.9 cu ft)	Standard Refrigerator	-	0.069	606.8	0.046	401.7	0.023	205.0	0.027	12	PSP-Consumer-Residential-Refrigerators	\$650.00
Consumer	Home Assistance Program (HAP)	Household Appliances	ENERGY STAR® REFRIGERATOR	Refrigerator Replacement (ENERGY STAR Qualified 17.0 - 18.4 cu ft)	Standard Refrigerator	-	0.070	610.1	0.045	391.3	0.025	218.0	0.029	12	PSP-Consumer-Residential-Refrigerators	\$650.00
Consumer	Home Assistance Program (HAP)	Household Appliances	REFRIGERATOR REPLACEMENT	Refrigerator Replacement (10.0 - 12.5 cu ft)	Standard Refrigerator	-	0.058	511.8	0.038	331.2	0.021	180.0	0.024	12	PSP-Consumer-Residential-Refrigerators	\$650.00
Consumer	Home Assistance Program (HAP)	Household Appliances	COMPACT CHEST FREEZER	Energy Star certified residential compact chest freezer	Existing standard residential compact freezer manufactured on or before September 15 2014	-	-	283.0	-	227.0	0.006	55.0	0.000	11	PSP-Consumer-Residential-Refrigerators	\$48.00
Consumer	Home Assistance Program (HAP)	Lighting	\$11W ENERGY STAR® QUALIFIED LED A SHAPE (60W) (MINIMUM 600 LUMEN OUTPUT) (FORMERLY: 7W - 11W ENERGY STAR® QUALIFIED LED A SHAPE)	\$11W ENERGY STAR® Qualified LED A Shape (60W) (minimum 600 Lumen output) (Formerly: 7W - 11W ENERGY STAR® Qualified LED A Shape)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.053	58.0	0.009	10.3	0.044	47.7	0.003	15	PSP-Consumer-Residential-Lighting	\$10.00
Consumer	Home Assistance Program (HAP)	Lighting	\$11W ENERGY STAR® QUALIFIED LED MR 16 (MINIMUM 400 LUMEN OUTPUT) (FORMERLY: 7W - 12W ENERGY STAR® QUALIFIED LED MR 16 GU 5.3 BASE)	\$11W ENERGY STAR® Qualified LED MR 16 (minimum 400 Lumen output) (Formerly: 7W - 12W ENERGY STAR® Qualified LED MR 16 GU 5.3 Base)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.040	43.8	0.007	8.1	0.033	35.7	0.002	15	PSP-Consumer-Residential-Lighting	\$25.00
Consumer	Home Assistance Program (HAP)	Lighting	\$14W ENERGY STAR® QUALIFIED LED A SHAPE (75W) (MINIMUM 800 LUMEN OUTPUT) (FORMERLY: 10W - 14W ENERGY STAR® QUALIFIED LED A SHAPE)	\$14W ENERGY STAR® Qualified LED A Shape (75W) (minimum 800 Lumen output) (Formerly: 10W - 14W ENERGY STAR® Qualified LED A Shape)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.053	58.0	0.010	10.7	0.043	47.4	0.003	15	PSP-Consumer-Residential-Lighting	\$14.00
Consumer	Home Assistance Program (HAP)	Lighting	\$16W ENERGY STAR® QUALIFIED LED PAR 20 (MINIMUM 600 LUMEN OUTPUT) (FORMERLY: 8W - 12W ENERGY STAR® QUALIFIED LED PAR 20)	\$16W ENERGY STAR® Qualified LED PAR 20 (minimum 600 Lumen output) (Formerly: 8W - 12W ENERGY STAR® Qualified LED PAR 20)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.050	54.8	0.008	8.8	0.042	45.9	0.003	15	PSP-Consumer-Residential-Lighting	\$28.00
Consumer	Home Assistance Program (HAP)	Lighting	\$16W ENERGY STAR® QUALIFIED LED PAR30 & PAR38 (MINIMUM 600 LUMEN OUTPUT) (FORMERLY: 8W - 12W ENERGY STAR® QUALIFIED LED PAR 30)	\$16W ENERGY STAR® Qualified LED PAR30 & PAR38 (minimum 600 Lumen output) (Formerly: 8W - 12W ENERGY STAR® Qualified LED PAR 30)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.065	71.2	0.014	14.8	0.051	56.4	0.004	15	PSP-Consumer-Residential-Lighting	\$35.00
Consumer	Home Assistance Program (HAP)	Lighting	\$23W ENERGY STAR® QUALIFIED LED A SHAPE (100W) (MINIMUM 1600 LUMEN OUTPUT) (FORMERLY: 17W - 23W ENERGY STAR® QUALIFIED LED A SHAPE)	\$23W ENERGY STAR® Qualified LED A Shape (100W) (minimum 1600 Lumen output) (Formerly: 17W - 23W ENERGY STAR® Qualified LED A Shape)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.072	78.8	0.016	17.5	0.056	61.3	0.004	15	PSP-Consumer-Residential-Lighting	\$25.00
Consumer	Home Assistance Program (HAP)	Lighting	\$23W ENERGY STAR® QUALIFIED LED PAR (MINIMUM 1100 LUMEN OUTPUT) (FORMERLY: 14W - 18W ENERGY STAR® QUALIFIED LED PAR 38)	\$23W ENERGY STAR® Qualified LED PAR (minimum 1100 Lumen output) (Formerly: 14W - 18W ENERGY STAR® Qualified LED PAR 38)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.065	71.2	0.017	18.4	0.048	52.8	0.004	15	PSP-Consumer-Residential-Lighting	\$38.00
Consumer	Home Assistance Program (HAP)	Lighting	\$6W ENERGY STAR® QUALIFIED LED MR 16 / PAR 16 (MINIMUM 250 LUMEN OUTPUT) (FORMERLY: 7W - 10W ENERGY STAR® QUALIFIED LED MR 16 / PAR 16 - GU 10 BASE)	\$6W ENERGY STAR® Qualified LED MR 16 / PAR 16 (minimum 250 Lumen output) (Formerly: 7W - 10W ENERGY STAR® Qualified LED MR 16 / PAR 16 - GU 10 Base)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.040	43.8	0.006	6.1	0.034	37.7	0.003	15	PSP-Consumer-Residential-Lighting	\$25.00
Consumer	Home Assistance Program (HAP)	Lighting	ENERGY STAR® LED WET LOCATION RATED PAR LAMP ≤ 23 WATT (MINIMUM 1100 LUMEN OUTPUT)	ENERGY STAR® LED Wet Location Rated PAR lamp ≤ 23 Watt (minimum 1100 Lumen output)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.065	71.2	0.016	18.0	0.049	53.2	0.004	15	PSP-Consumer-Residential-Lighting	\$45.00
Consumer	Home Assistance Program (HAP)	Lighting	LED DOWNLIGHT WITH LIGHT OUTPUT >600 AND <800 LUMENS (RETROFIT MEASURE LIST)	LED Downlight with Light Output >600 and <800 lumens (Retrofit Measure List)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.066	72.1	0.009	10.4	0.056	61.7	0.004	15	PSP-Consumer-Residential-Lighting	\$75.00
Consumer	Home Assistance Program (HAP)	Lighting	LED DOWNLIGHT WITH LIGHT OUTPUT >800 LUMENS (RETROFIT MEASURE LIST)	LED Downlight with Light Output >800 lumens (Retrofit Measure List)	Mixture of incandescent and halogen bulbs based on lumen equivalence.	1095	0.096	105.6	0.015	16.9	0.081	88.7	0.006	15	PSP-Consumer-Residential-Lighting	\$98.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	INDOOR CLOTHES DRYING RACK, RETRACTABLE CLOTHESLINES OR DRYING RACK	Indoor Clothes Drying Rack, Retractable Clotheslines or Drying Rack (replacing 50 loads of dryer per year)	Clothes Dryer (141 171 loads/yr)	-	-	314.0	-	217.0	-	97.0	0.065	10	PSP-Consumer-Residential-Clothes_Drying_Rack	\$21.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	HEAVY DUTY PLUG-IN TIMERS	Car Block Heater Timer	No timer on the car block heater	-	0.511	377.3	0.511	138.2	-	239.1	0.000	15	PSP-Consumer-Residential-Car_Block_Heater	\$22.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	POWER BAR WITH INTEGRATED TIMER OR AUTO SHUT-OFF	Power Bar with Integrated Timer or Auto Shut-off	No Power Bar	-	-	36.0	-	32.4	-	3.6	0.000	10	PSP-Consumer-Residential-Power_Bar	\$10.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	EFFICIENT AERATORS	Bathroom - Flow Rate ≤ 3.8 L/min	Aerator with Flow Rate = 8.3 L/min	-	-	90.3	-	41.0	-	49.2	0.005	10	PSP-Consumer-Residential-Domestic_Hot_Water	\$11.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	EFFICIENT AERATORS	Kitchen - Flow Rate ≤ 5.7 L/min	Aerator with Flow Rate = 8.3 L/min	-	-	394.3	-	268.9	-	125.5	0.012	10	PSP-Consumer-Residential-Domestic_Hot_Water	\$15.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	EFFICIENT SHOWERHEAD (HANDHELD)	Flow Rate < 4.8 L/min	Showerhead with Flow Rate = 7.57 L/min	-	-	623.2	-	389.5	-	233.7	0.023	10	PSP-Consumer-Residential-Domestic_Hot_Water	\$15.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	EFFICIENT SHOWERHEAD (STANDARD)	Flow Rate < 4.8 L/min	Showerhead with Flow Rate = 7.57 L/min	-	-	623.2	-	389.5	-	233.7	0.023	10	PSP-Consumer-Residential-Domestic_Hot_Water	\$15.00
Consumer	Home Assistance Program (HAP)	Miscellaneous	TIER 2 ADVANCED POWER STRIP	Home entertainment and office equipment controlled with Tier 2 Advance Power Strips (APS)	Home entertainment and office equipment with no power strip (wall socket) or standard power strip	-	-	-	-	-	-	46.4	0.000	10	PSP-Consumer-Residential-Power_Bar	\$72.00
Consumer	Home Assistance Program (HAP)	Space Cooling and Heating	ENERGY STAR® DEHUMIDIFIER	Dehumidifier Replacement (ENERGY STAR Qualified 14.2 - 21.2 l/day)	Non-Energy Star® Dehumidifier	-	0.518	844.6	0.369	601.8	0.149	242.8	0.078	12	PSP-Consumer-Residential-Dehumidifiers	\$224.00
Consumer	Home Assistance Program (HAP)	Space Cooling and Heating	ENERGY STAR® DEHUMIDIFIER	Dehumidifier Replacement (ENERGY STAR Qualified 21.3 - 25.4 l/day)	Non-Energy Star® Dehumidifier	-	0.608	992.4	0.486	793.9	0.122	198.5	0.064	12	PSP-Consumer-Residential-Dehumidifiers	\$286.00
Consumer	Home Assistance Program (HAP)	Space Cooling and Heating	ENERGY STAR® DEHUMIDIFIER	Dehumidifier Replacement (ENERGY STAR Qualified 25.5 - 35.5 l/day)	Non-Energy Star® Dehumidifier	-	0.748	1220.0	0.635	1037.0	0.112	183.0	0.059	12	PSP-Consumer-Residential-Dehumidifiers	\$261.00
Consumer	Home Assistance Program (HAP)	Space Cooling and Heating	ENERGY STAR® ROOM AIR CONDITIONER	Room Air Conditioner Replacement (ENERGY STAR Qualified 10,000 - 12,000 BTU/hr)	Non-Energy Star® Room Air Conditioner	-	1.394	319.4	1.059	242.7	0.335	75.4	0.089	12	PSP-Consumer-Residential-AC_Room	\$320.00
Consumer	Home Assistance Program (HAP)	Space Cooling and Heating	ENERGY STAR® ROOM AIR CONDITIONER	Room Air Conditioner Replacement (ENERGY STAR Qualified 6,000 - 7,999 BTU/hr)	Non-Energy Star® Room Air Conditioner	-	0.674	154.5	0.493	112.9	0.181	41.0	0.049	12	PSP-Consumer-Residential-AC_Room	\$195.00
Consumer	Home Assistance Program (HAP)	Space Cooling and Heating	ENERGY STAR® ROOM AIR CONDITIONER	Room Air Conditioner Replacement (ENERGY STAR Qualified 8,000 - 9,999 BTU/hr)	Non-Energy Star® Room Air Conditioner	-	1.039	238.4	0.786	179.5	0.253	58.0	0.069	12	PSP-Consumer-Residential-AC_Room	\$245.00
Consumer	Home Assistance Program (HAP)	Water Heating - Residential	HOT WATER PIPE WRAP	Per 3' Pipe Wrap (1/2" Pipe)	No pipe insulation	8760	-	61.8	-	13.7	-	48.1	0.005	15	PSP-Consumer-Residential-Domestic_Hot_Water	\$11.20
Consumer	Home Assistance Program (HAP)	Water Heating - Residential	HOT WATER PIPE WRAP	Per 3' Pipe Wrap (3/4" Pipe)	No pipe insulation	8760	-	92.4	-	20.5	-	71.9	0.007	15	PSP-Consumer-Residential-Domestic_Hot_Water	\$11.20
Consumer	Home Assistance Program (HAP)	Water Heating - Residential	WATER HEATER BLANKET	Hot water tank wrap	Electric hot water heater without insulation blanket	8760	-	356.3	-	257.1	-	99.2	0.010	7	PSP-Consumer-Residential-Domestic_Hot_Water	\$31.68

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Agribusiness	CREEP HEAT CONTROLLER	For use in animal housing facilities	Poorly Controlled Creep Heat Lamps	6900	4.463	30,794.7	3.481	24,018.9	0.982	6,775.8	0.773	15	PSP-Business-Commercial-Creep_Heat_Controller	\$400.00
Business	Retrofit	Agribusiness	DAIRY ENERGY STAR WATER HEATER	Energy Star electric hot water heater	Standard electric hot water heater	8760	7.210	63,119.0	6.630	58,043.0	0.579	5,076.0	-	12	PSP-Business-Commercial-Dairy_Water_Heater	\$209.00
Business	Retrofit	Agribusiness	DAIRY PLATE COOLER	Plate cooler to pre-cool milk prior to refrigeration	No pre-cooling	-	-	-	-	-	2.506	7,319.0	-	10	PSP-Business-Commercial_Plate_Cooler	\$2,875.00
Business	Retrofit	Agribusiness	DOUBLE CREEP HEAT PAD	Up to 200W maximum	2 x 175W Heat Lamps	6900	0.350	2,415.0	0.160	1,104.0	0.190	1,311.0	0.121	10	PSP-Business-Commercial-Double_Creep_Pad	\$185.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Egg layers	Fans: 400W/1000 birds	5475 Base Case 2447 Conserv.	0.400	2,190.0	0.179	438.0	0.221	1,752.0	0.252	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(non-dairy)	\$18,000.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Chicken broilers	Fans: 340W/1000 birds	3000 Base Case 1341 Conserv.	0.340	1,020.0	0.152	203.8	0.188	816.2	0.118	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(non-dairy)	\$27,000.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Turkeys	Fans: 1130W/1000 birds	6971 Base Case 3116 Conserv.	1.130	7,877.2	0.505	1,573.6	0.625	6,303.7	0.908	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(non-dairy)	\$15,000.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Swine - breeding & gestation	Fans: 17W/sow	5864 Base Case 2621 Conserv.	0.015	88.0	0.008	21.0	0.007	67.0	0.010	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(non-dairy)	\$5,500.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Swine - growing & finishing	Fans: 5W/market-weight hog	8760 Base Case 3916 Conserv.	0.005	43.8	0.002	7.8	0.003	36.0	0.005	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(non-dairy)	\$15,000.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Dairy-tie stall, year round housing	Fans: 35W/cow	6548 Base Case 2927 Conserv.	0.035	229.2	0.016	46.8	0.019	182.3	0.000	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(dairy)	\$12,000.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Dairy-tie stall, outside in summer	50% in barn; 50% on pasture	5043 Base Case 2254 Conserv.	0.035	176.5	0.016	36.1	0.019	140.4	0.000	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(dairy)	\$12,000.00
Business	Retrofit	Agribusiness	DUAL AND NATURAL EXHAUST VENTILATION SYSTEM	Greenhouse - Flowers	Fans: 1260W/1000 sq. meters	8760 Base Case 3916 Conserv.	1.260	11,037.6	0.563	2,204.7	0.697	8,832.9	1.272	15	PSP-Business-Commercial-D&N_Exhaust_Fans_(non-dairy)	\$10,250.00
Business	Retrofit	Agribusiness	ENGINE BLOCK HEATER TIMER	Plug-in timer that operates the heater only when outdoor temp drops below -3.8C	Manual plug in block heater	-	-	-	-	-	0.990	632.4	-	5	PSP-Business-Commercial_Engine_Block_Heater_Timer	\$40.00
Business	Retrofit	Agribusiness	HIGH EFFICIENCY VENTILATION EXHAUST FANS	18-20" Fans	Minimum fan grouping in category from BESS Laboratory ratings	2804	0.475	1,331.9	0.380	1,065.5	0.095	266.4	0.078	10	PSP-Business-Commercial-HE_Exhaust_Fans_>24"	\$360.00
Business	Retrofit	Agribusiness	HIGH EFFICIENCY VENTILATION EXHAUST FANS	24" Fans	Minimum fan grouping in category from BESS Laboratory ratings	2804	0.682	1,913.3	0.487	1,366.7	0.195	546.7	0.160	10	PSP-Business-Commercial-HE_Exhaust_Fans_>24"	\$400.00
Business	Retrofit	Agribusiness	HIGH EFFICIENCY VENTILATION EXHAUST FANS	36" Fans	Minimum fan grouping in category from BESS Laboratory ratings	2804	0.900	2,523.6	0.667	1,869.3	0.233	654.3	0.488	10	PSP-Business-Commercial-HE_Exhaust_Fans_>24"	\$200.00
Business	Retrofit	Agribusiness	HIGH EFFICIENCY VENTILATION EXHAUST FANS	≥ 48" Fans	Minimum fan grouping in category from BESS Laboratory ratings	2804	1.307	3,663.9	1.114	3,122.6	0.193	541.3	0.403	10	PSP-Business-Commercial-HE_Exhaust_Fans_>24"	\$650.00
Business	Retrofit	Agribusiness	HIGH TEMPERATURE CUTOUT THERMOSTAT	Operating range 24 to 40 Celsius	Poorly Controlled Creep Heat Lamps	560	1.575	882.0	0.000	0.0	0.000	882.0	0.723	10	PSP-Business-Commercial-HT_Cutout_Thermostat	\$114.00
Business	Retrofit	Agribusiness	HIGH VOLUME LOW SPEED FAN	≥10 ft to <11 ft, 1 HP	2 units Box fan, 1 HP	2900	1.808	5,244.6	0.904	2,622.3	0.904	2,622.3	0.896	15	PSP-Business-Commercial-HVLS	\$3,100.00
Business	Retrofit	Agribusiness	HIGH VOLUME LOW SPEED FAN	≥11 ft to <19 ft, 1.5 HP	4 units Box fan, 1 HP	2900	3.617	10,489.2	1.356	3,933.5	2.261	6,555.8	2.239	15	PSP-Business-Commercial-HVLS	\$1,200.00
Business	Retrofit	Agribusiness	HIGH VOLUME LOW SPEED FAN	≥19 ft to <25 ft, 2 HP	4 units Box fan, 1 HP	2900	3.617	10,489.2	1.808	5,244.6	1.808	5,244.6	1.791	15	PSP-Business-Commercial-HVLS	\$1,550.00
Business	Retrofit	Agribusiness	LOW ENERGY LIVESTOCK WATERERS	300W maximum	1500W (Max) electric heated Waterers	2294	1.000	2,294.0	0.250	573.5	0.750	1,720.5	0.000	10	PSP-Business-Commercial-Livestock_Waterer	\$420.00
Business	Retrofit	Agribusiness	MILK SCROLL COMPRESSOR	New scroll compressor for milk cooling	Old Reciprocating Compressor	2920	5.060	14,761.0	2.460	7,196.0	2.600	7,565.0	-	15	PSP-Business-Commercial_Dairy_Milk_Scroll_Compressor	\$656.55
Business	Retrofit	Agribusiness	PHOTOCELL AND TIMER FOR LIGHTING CONTROL	-	250W Metal Halide (Assume 4 Lamps per Photocell)	6570	1.100	7,227.0	1.100	3,842.0	0.000	1,735.0	0.513	8	PSP-Business-Commercial-Timer_Photocell	\$250.00
Business	Retrofit	Agribusiness	SINGLE CREEP HEAT PAD	Up to 100W maximum	175W Heat Lamp	6900	0.175	1,207.5	0.080	552.0	0.095	655.5	0.050	10	PSP-Business-Commercial-Single_Creep_Pad	\$163.00
Business	Retrofit	Agribusiness	SOLAR HOT WATER COLLECTOR FOR DAIRY FARMS	Solar hot water collector to be used with electric hot water heater	Standard electric hot water heater	-	-	-	-	-	0.082 kW/m2 * total collector area m2	721 *total collector area	0.00014797735 * First Year Energy Savings	15	PSP-Business-Commercial-Domestic_Hot_Water	\$9,506.00
Business	Retrofit	Building Plug Load	BEVERAGE VENDING MACHINE CONTROLS	Power Sensor &/or Occupancy Control for Refrigerated Vending Machine	Standard beverage vending machines	8760	-	-	-	-	-	1,297.87	0.163	5	PSP-Business-Commercial-Other_Plug_Loads	\$297.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Ice Making Head <204 kg/day ice	Standard ice machines	8760	0.578	5,062.7	0.522	4,568.9	0.056	493.72	0.062	8	PSP-Business-Commercial-Other_Plug_Loads	\$200.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Ice Making Head ≥204 kg/day ice	Standard ice machines	8760	1.325	11,602.6	1.187	10,401.3	0.137	1,201.29	0.151	8	PSP-Business-Commercial-Other_Plug_Loads	\$300.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Remote Condensing Unit (w/o Remote Compressor) <454 kg/day ice	Standard ice machines	8760	1.032	9,042.3	0.932	8,165.3	0.100	877.05	0.110	8	PSP-Business-Commercial-Other_Plug_Loads	\$500.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Remote Condensing Unit (w/o Remote Compressor) ≥454 kg/day ice	Standard ice machines	8760	2.336	20,464.8	2.121	18,583.6	0.215	1,881.12	0.236	8	PSP-Business-Commercial-Other_Plug_Loads	\$250.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Remote Condensing Unit (with Remote Compressor) <423 kg/day ice	Standard ice machines	8760	1.002	8,774.8	0.874	7,656.1	0.128	1,118.79	0.140	8	PSP-Business-Commercial-Other_Plug_Loads	\$300.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Remote Condensing Unit (with Remote Compressor) ≥423 kg/day ice	Standard ice machines	8760	1.737	15,216.3	1.576	13,809.0	0.161	1,407.31	0.177	8	PSP-Business-Commercial-Other_Plug_Loads	\$0.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Self Contained Unit <79 kg/day ice	Standard ice machines	8760	0.295	2,587.9	0.273	2,395.5	0.022	192.42	0.024	8	PSP-Business-Commercial-Other_Plug_Loads	\$100.00
Business	Retrofit	Building Plug Load	ENERGY STAR® ICE MACHINES	Self Contained Unit ≥79 kg/day ice	Standard ice machines	8760	0.534	4,674.2	0.495	4,336.5	0.039	337.78	0.042	8	PSP-Business-Commercial-Other_Plug_Loads	\$300.00
Business	Retrofit	Compressed Air	COMPRESSED AIR VSD	Variable Displacement Compressor	Fixed Speed Compressor	-	-	-	-	-	0.8*10.003*(NewHP)^2-0.2609*(NewHP)^2-7.029	0.8*(11.662*(NewHP)^2-1022.9*(NewHP)^2-30339)	-	-	Other_Commercial_Buildings-Compressed Air	-
Business	Retrofit	Compressed Air	COMPRESSED AIR VSD	Variable Speed Drive Compressor	Fixed Speed Compressor	-	-	-	-	-	0.03*(NewHP)^2-0.2609*(NewHP)^2-7.029	11.662*(NewHP)^2-1022.9*(NewHP)^2-30339	-	-	Other_Commercial_Buildings-Compressed Air	-
Business	Retrofit	Compressed Air	ENGINEERED NOZZLE	1/4" Engineered Nozzle	Crimped Pipe or locally made nozzle	3920	-	-	-	-	0.499	1,957.0	-	10	Other_Commercial_Buildings-Compressed Air	\$121.52
Business	Retrofit	Compressed Air	ENGINEERED NOZZLE	1/8" Engineered Nozzle	Crimped Pipe or locally made nozzle	3920	-	-	-	-	0.125	489.0	-	10	Other_Commercial_Buildings-Compressed Air	\$69.75
Business	Retrofit	Compressed Air	ENGINEERED NOZZLE	1/16" Engineered Nozzle	Crimped Pipe or locally made nozzle	3920	-	-	-	-	0.032	124.0	-	10	Other_Commercial_Buildings-Compressed Air	\$37.84
Business	Retrofit	Compressed Air	ENGINEERED NOZZLE	3/8" Engineered Nozzle	Crimped Pipe or locally made nozzle	3920	-	-	-	-	1.130	4,414.0	-	10	Other_Commercial_Buildings-Compressed Air	\$170.89
Business	Retrofit	Compressed Air	ZERO LOSS DRAIN	Zero Loss Drain	Time controlled moisture drain	3920	-	-	-	-	0.350	1,367.0	-	10	Other_Commercial_Buildings-Compressed Air	\$253.16
Business	Retrofit	Computer	NETWORK PC POWER MANAGEMENT SOFTWARE	Centrally controlled desktop PC	No software installed	8760	0.043	373.2	0.008	69.2	0.035	304.0	0.038	6	PSP-Business-Commercial-Computer_Equipment	\$15.00
Business	Retrofit	Cooking - Commercial	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1.410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.014	15	PSP-Business-Commercial-Cooking	\$4,766.00
Business	Retrofit	Cooking - Commercial	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4.690	27,389.6	1.971	11,508.8	2.719	15,880.8	3.372	15	PSP-Business-Commercial-Cooking	\$10,517.00
Business	Retrofit	Cooking - Commercial	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8.340	48,705.6	3.504	20,465.6	4.836	28,240.0	5.996	15	PSP-Business-Commercial-Cooking	\$19,859.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Cooking - Food Retail	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.679	15	PSP-Business-Food_Retail-Cooking	\$4,766.00
Business	Retrofit	Cooking - Food Retail	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	2.258	15	PSP-Business-Food_Retail-Cooking	\$10,517.00
Business	Retrofit	Cooking - Food Retail	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	4.015	15	PSP-Business-Food_Retail-Cooking	\$19,859.00
Business	Retrofit	Cooking - Hospital	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.960	15	PSP-Business-Hospital-Cooking	\$4,766.00
Business	Retrofit	Cooking - Hospital	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	3.195	15	PSP-Business-Hospital-Cooking	\$10,517.00
Business	Retrofit	Cooking - Hospital	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	5.681	15	PSP-Business-Hospital-Cooking	\$19,859.00
Business	Retrofit	Cooking - Large Hotel	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.837	15	PSP-Business-Large_Hotel-Cooking	\$4,766.00
Business	Retrofit	Cooking - Large Hotel	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	2.784	15	PSP-Business-Large_Hotel-Cooking	\$10,517.00
Business	Retrofit	Cooking - Large Hotel	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	4.951	15	PSP-Business-Large_Hotel-Cooking	\$19,859.00
Business	Retrofit	Cooking - Large Non Food Retail	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.901	15	PSP-Business-Large_Non_Food_Retail-Cooking	\$4,766.00
Business	Retrofit	Cooking - Large Non Food Retail	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	2.997	15	PSP-Business-Large_Non_Food_Retail-Cooking	\$10,517.00
Business	Retrofit	Cooking - Large Non Food Retail	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	5.329	15	PSP-Business-Large_Non_Food_Retail-Cooking	\$19,859.00
Business	Retrofit	Cooking - Large Office	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.277	15	PSP-Business-Large_Office-Cooking	\$4,766.00
Business	Retrofit	Cooking - Large Office	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	4.247	15	PSP-Business-Large_Office-Cooking	\$10,517.00
Business	Retrofit	Cooking - Large Office	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	7.552	15	PSP-Business-Large_Office-Cooking	\$19,859.00
Business	Retrofit	Cooking - Nursing Home	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.960	15	PSP-Business-Nursing_Home-Cooking	\$4,766.00
Business	Retrofit	Cooking - Nursing Home	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	3.195	15	PSP-Business-Nursing_Home-Cooking	\$10,517.00
Business	Retrofit	Cooking - Nursing Home	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	5.681	15	PSP-Business-Nursing_Home-Cooking	\$19,859.00
Business	Retrofit	Cooking - Other Commercial Buildings	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.473	15	PSP-Business-Other_Commercial_Buildings-Cooking	\$4,766.00
Business	Retrofit	Cooking - Other Commercial Buildings	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	4.900	15	PSP-Business-Other_Commercial_Buildings-Cooking	\$10,517.00
Business	Retrofit	Cooking - Other Commercial Buildings	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	8.713	15	PSP-Business-Other_Commercial_Buildings-Cooking	\$19,859.00
Business	Retrofit	Cooking - Other Hotel Motel	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.837	15	PSP-Business-Other_Hotel_Motel-Cooking	\$4,766.00
Business	Retrofit	Cooking - Other Hotel Motel	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	2.784	15	PSP-Business-Other_Hotel_Motel-Cooking	\$10,517.00
Business	Retrofit	Cooking - Other Hotel Motel	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	4.951	15	PSP-Business-Other_Hotel_Motel-Cooking	\$19,859.00
Business	Retrofit	Cooking - Other Non Food Retail	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.357	15	PSP-Business-Other_Non_Food_Retail-Cooking	\$4,766.00
Business	Retrofit	Cooking - Other Non Food Retail	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	4.515	15	PSP-Business-Other_Non_Food_Retail-Cooking	\$10,517.00
Business	Retrofit	Cooking - Other Non Food Retail	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	8.029	15	PSP-Business-Other_Non_Food_Retail-Cooking	\$19,859.00
Business	Retrofit	Cooking - Other Office	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.277	15	PSP-Business-Other_Office-Cooking	\$4,766.00
Business	Retrofit	Cooking - Other Office	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	4.247	15	PSP-Business-Other_Office-Cooking	\$10,517.00
Business	Retrofit	Cooking - Other Office	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	7.552	15	PSP-Business-Other_Office-Cooking	\$19,859.00
Business	Retrofit	Cooking - Restaurant	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	0.979	15	PSP-Business-Restaurant-Cooking	\$4,766.00
Business	Retrofit	Cooking - Restaurant	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	3.256	15	PSP-Business-Restaurant-Cooking	\$10,517.00
Business	Retrofit	Cooking - Restaurant	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	5.789	15	PSP-Business-Restaurant-Cooking	\$19,859.00
Business	Retrofit	Cooking - Schools	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.170	15	PSP-Business-Schools-Cooking	\$4,766.00
Business	Retrofit	Cooking - Schools	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	3.892	15	PSP-Business-Schools-Cooking	\$10,517.00
Business	Retrofit	Cooking - Schools	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	6.920	15	PSP-Business-Schools-Cooking	\$19,859.00
Business	Retrofit	Cooking - University Colleges	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.324	15	PSP-Business-University_Colleges-Cooking	\$4,766.00
Business	Retrofit	Cooking - University Colleges	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	4.403	15	PSP-Business-University_Colleges-Cooking	\$10,517.00
Business	Retrofit	Cooking - University Colleges	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	7.829	15	PSP-Business-University_Colleges-Cooking	\$19,859.00
Business	Retrofit	Cooking - Warehouse Wholesale	DEMAND CONTROL KITCHEN VENTILATION	Up to 5000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	1,410	8,234.4	0.592	3,460.0	0.818	4,774.4	1.521	15	PSP-Business-Warehouse_Wholesale-Cooking	\$4,766.00
Business	Retrofit	Cooking - Warehouse Wholesale	DEMAND CONTROL KITCHEN VENTILATION	5,001-10,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	4,690	27,389.6	1.971	11,508.8	2.719	15,880.8	5.060	15	PSP-Business-Warehouse_Wholesale-Cooking	\$10,517.00
Business	Retrofit	Cooking - Warehouse Wholesale	DEMAND CONTROL KITCHEN VENTILATION	10,001-15,000 CFM exhaust fan capacity	Constant volume exhaust fan	5840	8,340	48,705.6	3.504	20,465.6	4.836	28,240.0	8.997	15	PSP-Business-Warehouse_Wholesale-Cooking	\$19,859.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 1 HP, 73.5% Load Factor	V-Belt with Motor Size: 1 HP, 75% Load Factor	4000	0.563	2,250.0	0.551	2,205.0	0.011	45.0	0.007	6	PSP-Business-Commercial-Electric_Auxiliary	\$9.60
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 1.5 HP, 73.5% Load Factor	V-Belt with Motor Size: 1.5 HP, 75% Load Factor	4000	0.840	3,360.0	0.823	3,292.8	0.017	67.2	0.011	6	PSP-Business-Commercial-Electric_Auxiliary	\$14.40
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 2 HP, 73.5% Load Factor	V-Belt with Motor Size: 2 HP, 75% Load Factor	4000	1.118	4,470.0	1.095	4,380.6	0.022	89.4	0.014	6	PSP-Business-Commercial-Electric_Auxiliary	\$19.20
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 3 HP, 73.5% Load Factor	V-Belt with Motor Size: 3 HP, 75% Load Factor	4000	1.680	6,720.0	1.646	6,585.6	0.034	134.4	0.021	6	PSP-Business-Commercial-Electric_Auxiliary	\$28.80

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 5 HP, 73.5% Load Factor	V-Belt with Motor Size: 5 HP, 75% Load Factor	4000	2.798	11,190.0	2.742	10,966.2	0.056	223.8	0.035	6	PSP-Business-Commercial-Electric_Auxiliary	\$48.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 7.5 HP, 73.5% Load Factor	V-Belt with Motor Size: 7.5 HP, 75% Load Factor	4000	4.200	16,800.0	4.116	16,464.0	0.084	336.0	0.053	6	PSP-Business-Commercial-Electric_Auxiliary	\$72.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 10 HP, 73.5% Load Factor	V-Belt with Motor Size: 10 HP, 75% Load Factor	4000	5.595	22,380.0	5.483	21,932.4	0.112	447.6	0.070	6	PSP-Business-Commercial-Electric_Auxiliary	\$96.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 15 HP, 73.5% Load Factor	V-Belt with Motor Size: 15 HP, 75% Load Factor	4000	8.393	33,570.0	8.225	32,898.6	0.168	671.4	0.105	6	PSP-Business-Commercial-Electric_Auxiliary	\$144.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 20 HP, 73.5% Load Factor	V-Belt with Motor Size: 20 HP, 75% Load Factor	4000	11.190	44,760.0	10.966	43,864.8	0.224	895.2	0.140	6	PSP-Business-Commercial-Electric_Auxiliary	\$192.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 25 HP, 73.5% Load Factor	V-Belt with Motor Size: 25 HP, 75% Load Factor	4000	13.988	55,950.0	13.708	54,831.0	0.280	1,119.0	0.175	6	PSP-Business-Commercial-Electric_Auxiliary	\$240.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 30 HP, 73.5% Load Factor	V-Belt with Motor Size: 30 HP, 75% Load Factor	4000	16.785	67,140.0	16.449	65,797.2	0.336	1,342.8	0.210	6	PSP-Business-Commercial-Electric_Auxiliary	\$288.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 40 HP, 73.5% Load Factor	V-Belt with Motor Size: 40 HP, 75% Load Factor	4000	22.380	89,520.0	21.932	87,729.6	0.448	1,790.4	0.280	6	PSP-Business-Commercial-Electric_Auxiliary	\$384.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 50 HP, 73.5% Load Factor	V-Belt with Motor Size: 50 HP, 75% Load Factor	4000	27.975	111,900.0	27.416	109,662.0	0.560	2,238.0	0.350	6	PSP-Business-Commercial-Electric_Auxiliary	\$480.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 60 HP, 73.5% Load Factor	V-Belt with Motor Size: 60 HP, 75% Load Factor	4000	33.570	134,280.0	32.899	131,594.4	0.671	2,685.6	0.420	6	PSP-Business-Commercial-Electric_Auxiliary	\$576.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 75 HP, 73.5% Load Factor	V-Belt with Motor Size: 75 HP, 75% Load Factor	4000	41.963	167,850.0	41.123	164,493.0	0.839	3,357.0	0.525	6	PSP-Business-Commercial-Electric_Auxiliary	\$720.00
Business	Retrofit	Electric Auxiliary	NOTCHED/COGGED V-BELT	Motor Size: 100 HP, 73.5% Load Factor	V-Belt with Motor Size: 100 HP, 75% Load Factor	4000	55.950	223,800.0	54.831	219,324.0	1.119	4,476.0	0.700	6	PSP-Business-Commercial-Electric_Auxiliary	\$960.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 1 HP, 1200 RPM, 83.5%	ODP Motor, 1 HP, 1200 RPM, 82.5%	4942	0.678	3,315.6	0.670	3,311.4	0.008	40.1	0.006	15	PSP-Business-Commercial-Electric_Auxiliary	\$25.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 1.5 HP, 1200 RPM, 86.5%	ODP Motor, 1.5 HP, 1200 RPM, 86.5%	4942	0.970	4,794.9	0.959	4,740.1	0.011	54.8	0.009	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 2 HP, 1200 RPM, 88.5%	ODP Motor, 2 HP, 1200 RPM, 87.5%	4942	1.279	6,320.1	1.264	6,248.7	0.015	71.4	0.011	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 3 HP, 1200 RPM, 89.5%	ODP Motor, 3 HP, 1200 RPM, 88.5%	4942	1.897	9,373.1	1.875	9,268.3	0.021	104.7	0.016	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 5 HP, 1200 RPM, 90.5%	ODP Motor, 5 HP, 1200 RPM, 89.5%	4942	3.126	15,447.2	3.091	15,276.5	0.035	170.7	0.027	15	PSP-Business-Commercial-Electric_Auxiliary	\$150.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 7.5 HP, 1200 RPM, 91.2%	ODP Motor, 7.5 HP, 1200 RPM, 90.2%	4942	4.652	22,991.0	4.601	22,738.9	0.051	252.1	0.039	15	PSP-Business-Commercial-Electric_Auxiliary	\$224.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 10 HP, 1200 RPM, 92.7%	ODP Motor, 10 HP, 1200 RPM, 91.7%	4942	6.101	30,153.2	6.036	29,827.9	0.066	325.3	0.051	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 15 HP, 1200 RPM, 92.7%	ODP Motor, 15 HP, 1200 RPM, 91.7%	4942	9.152	45,229.8	9.053	44,741.9	0.099	487.9	0.076	15	PSP-Business-Commercial-Electric_Auxiliary	\$150.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 20 HP, 1200 RPM, 93.4%	ODP Motor, 20 HP, 1200 RPM, 92.4%	4942	12.110	59,849.6	11.981	59,208.8	0.130	640.8	0.100	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 25 HP, 1200 RPM, 94%	ODP Motor, 25 HP, 1200 RPM, 93%	4942	15.040	74,329.3	14.880	73,538.5	0.160	790.7	0.124	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 30 HP, 1200 RPM, 94.6%	ODP Motor, 30 HP, 1200 RPM, 93.6%	4942	17.933	88,623.4	17.743	87,686.5	0.190	936.8	0.146	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 40 HP, 1200 RPM, 95.1%	ODP Motor, 40 HP, 1200 RPM, 94.1%	4942	23.783	117,536.6	23.533	116,300.7	0.250	1,235.9	0.193	15	PSP-Business-Commercial-Electric_Auxiliary	\$450.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 50 HP, 1200 RPM, 95.1%	ODP Motor, 50 HP, 1200 RPM, 94.1%	4942	29.729	146,920.8	29.416	145,375.9	0.313	1,544.9	0.241	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 60 HP, 1200 RPM, 95.5%	ODP Motor, 60 HP, 1200 RPM, 94.5%	4942	35.524	175,558.7	35.152	173,720.4	0.372	1,838.3	0.287	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 75 HP, 1200 RPM, 95.5%	ODP Motor, 75 HP, 1200 RPM, 94.5%	4942	44.405	219,448.3	43.940	217,150.5	0.465	2,297.9	0.359	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,050.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 100 HP, 1200 RPM, 96%	ODP Motor, 100 HP, 1200 RPM, 95%	4942	58.895	291,057.8	58.281	288,025.9	0.613	3,031.8	0.474	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,500.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 125 HP, 1200 RPM, 96%	ODP Motor, 125 HP, 1200 RPM, 95%	4942	73.618	363,822.2	72.852	360,032.4	0.767	3,789.8	0.592	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 150 HP, 1200 RPM, 96.4%	ODP Motor, 150 HP, 1200 RPM, 95.4%	4942	87.972	434,756.1	87.059	430,246.2	0.913	4,509.9	0.705	15	PSP-Business-Commercial-Electric_Auxiliary	\$750.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 200 HP, 1200 RPM, 96.4%	ODP Motor, 200 HP, 1200 RPM, 95.4%	4942	117.296	579,674.8	116.079	573,661.6	1.217	6,013.2	0.940	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 1 HP, 1800 RPM, 86.5%	ODP Motor, 1 HP, 1800 RPM, 85.5%	4942	0.654	3,234.0	0.647	3,196.6	0.008	37.4	0.006	15	PSP-Business-Commercial-Electric_Auxiliary	\$25.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 1.5 HP, 1800 RPM, 87.5%	ODP Motor, 1.5 HP, 1800 RPM, 86.5%	4942	0.970	4,794.9	0.959	4,740.1	0.011	54.8	0.009	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 2 HP, 1800 RPM, 87.5%	ODP Motor, 2 HP, 1800 RPM, 86.5%	4942	1.294	6,393.2	1.279	6,320.1	0.015	73.1	0.011	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 3 HP, 1800 RPM, 89.5%	ODP Motor, 3 HP, 1800 RPM, 89.5%	4942	1.875	9,268.3	1.855	9,165.9	0.021	102.4	0.016	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 5 HP, 1800 RPM, 90.5%	ODP Motor, 5 HP, 1800 RPM, 89.5%	4942	3.126	15,447.2	3.091	15,276.5	0.035	170.7	0.027	15	PSP-Business-Commercial-Electric_Auxiliary	\$150.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 7.5 HP, 1800 RPM, 92%	ODP Motor, 7.5 HP, 1800 RPM, 91%	4942	4.611	22,788.9	4.561	22,541.2	0.050	247.7	0.039	15	PSP-Business-Commercial-Electric_Auxiliary	\$224.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 10 HP, 1800 RPM, 92.7%	ODP Motor, 10 HP, 1800 RPM, 91.7%	4942	6.101	30,153.2	6.036	29,827.9	0.066	325.3	0.051	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 15 HP, 1800 RPM, 94%	ODP Motor, 15 HP, 1800 RPM, 93%	4942	9.024	44,597.6	8.928	44,123.1	0.096	474.4	0.074	15	PSP-Business-Commercial-Electric_Auxiliary	\$150.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 20 HP, 1800 RPM, 94%	ODP Motor, 20 HP, 1800 RPM, 93%	4942	12.032	59,463.4	11.904	58,830.8	0.128	632.6	0.099	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 25 HP, 1800 RPM, 94.6%	ODP Motor, 25 HP, 1800 RPM, 93.6%	4942	14.944	73,852.8	14.786	73,072.1	0.158	780.7	0.122	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 30 HP, 1800 RPM, 95.1%	ODP Motor, 30 HP, 1800 RPM, 94.1%	4942	17.837	88,152.5	17.650	87,225.5	0.188	926.9	0.145	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 40 HP, 1800 RPM, 95.1%	ODP Motor, 40 HP, 1800 RPM, 94.1%	4942	23.783	117,536.6	23.533	116,300.7	0.250	1,235.9	0.193	15	PSP-Business-Commercial-Electric_Auxiliary	\$450.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 50 HP, 1800 RPM, 95.5%	ODP Motor, 50 HP, 1800 RPM, 94.5%	4942	29.603	146,298.9	29.293	144,767.0	0.310	1,531.9	0.239	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 60 HP, 1800 RPM, 96%	ODP Motor, 60 HP, 1800 RPM, 95%	4942	35.337	174,634.7	34.969	172,815.6	0.368	1,819.1	0.284	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 75 HP, 1800 RPM, 96%	ODP Motor, 75 HP, 1800 RPM, 95%	4942	44.171	218,293.3	43.711	216,019.5	0.460	2,273.9	0.355	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,050.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 100 HP, 1800 RPM, 96.4%	ODP Motor, 100 HP, 1800 RPM, 95.4%	4942	58.648	289,837.4	58.039	286,830.8	0.608	3,006.6	0.470	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,500.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 125 HP, 1800 RPM, 96.4%	ODP Motor, 125 HP, 1800 RPM, 95.4%	4942	73.310	362,296.8	72.549	358,538.5	0.760	3,758.3	0.587	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 150 HP, 1800 RPM, 96.8%	ODP Motor, 150 HP, 1800 RPM, 95.8%	4942	87.604	432,940.9	86.699	428,468.3	0.905	4,472.5	0.699	15	PSP-Business-Commercial-Electric_Auxiliary	\$750.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 200 HP, 1800 RPM, 96.8%	ODP Motor, 200 HP, 1800 RPM, 95.8%	4942	116.806	577,254.5	115.599	571,291.1	1.207	5,963.4	0.932	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 1 HP, 3600 RPM, 78%	ODP Motor, 1 HP, 3600 RPM, 77%	4942	0.727	3,591.0	0.717	3,544.9	0.009	46.0	0.007	15	PSP-Business-Commercial-Electric_Auxiliary	\$25.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 1.5 HP, 3600 RPM, 85%	ODP Motor, 1.5 HP, 3600 RPM, 84%	4942	0.999	4,937.6	0.987	4,879.5	0.012	58.1	0.009	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 2 HP, 3600 RPM, 86.5%	ODP Motor, 2 HP, 3600 RPM, 85.5%	4942	1.309	6,468.0	1.294	6,393.2	0.015	74.8	0.012	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 3 HP, 3600 RPM, 86.5%	ODP Motor, 3 HP, 3600 RPM, 85.5%	4942	1.963	9,701.9	1.941	9,589.8	0.023	112.2	0.018	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 5 HP, 3600 RPM, 87.5%	ODP Motor, 5 HP, 3600 RPM, 86.5%	4942	3.234	15,982.9	3.197	15,800.3	0.037	182.7	0.029	15	PSP-Business-Commercial-Electric_Auxiliary	\$150.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 7.5 HP, 3600 RPM, 89.5%	ODP Motor, 7.5 HP, 3600 RPM, 88.5%	4942	4.742	23,432.6	4.689	23,170.8	0.053	261.8	0.041	15	PSP-Business-Commercial-Electric_Auxiliary	\$224.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 10 HP, 3600 RPM, 90.5%	ODP Motor, 10 HP, 3600 RPM, 89.5%	4942	6.251	30,894.4	6.182	30,553.0	0.069	341.4	0.053	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 15 HP, 3600 RPM, 91.2%	ODP Motor, 15 HP, 3600 RPM, 90.2%	4942	9.304	45,960.0	9.202	45,477.8	0.102	504.2	0.079	15	PSP-Business-Commercial-Electric_Auxiliary	\$150.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 20 HP, 3600 RPM, 92%	ODP Motor, 20 HP, 3600 RPM, 91%	4942	12.297	60,770.3	12.163	60,109.8	0.134	660.5	0.103	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 25 HP, 3600 RPM, 92.7%	ODP Motor, 25 HP, 3600 RPM, 91.7%	4942	15.254	75,383.0	15.089	74,569.8	0.165	813.2	0.127	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 30 HP, 3600 RPM, 92.7%	ODP Motor, 30 HP, 3600 RPM, 91.7%	4942	18.304	90,459.6	18.107	89,483.8	0.198	975.8	0.153	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 40 HP, 3600 RPM, 93.4%	ODP Motor, 40 HP, 3600 RPM, 92.4%	4942	24.221	119,699.1	23.962	118,417.5	0.259	1,281.6	0.200	15	PSP-Business-Commercial-Electric_Auxiliary	\$450.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 50 HP, 3600 RPM, 94%	ODP Motor, 50 HP, 3600 RPM, 93%	4942	30.081	148,658.6	29.761	147,077.1	0.320	1,581.5	0.247	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 60 HP, 3600 RPM, 94.6%	ODP Motor, 60 HP, 3600 RPM, 93.6%	4942	35.865	177,246.7	35.486	175,373.1	0.379	1,873.6	0.293	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 75 HP, 3600 RPM, 94.6%	ODP Motor, 75 HP, 3600 RPM, 93.6%	4942	44.832	221,558.4	44.358	219,216.4	0.474	2,342.1	0.366	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,050.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 100 HP, 3600 RPM, 94.6%	ODP Motor, 100 HP, 3600 RPM, 93.6%	4942	59.776	295,411.2	59.144	292,288.5	0.632	3,122.7	0.488	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,500.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 125 HP, 3600 RPM, 95.1%	ODP Motor, 125 HP, 3600 RPM, 94.1%	4942	74.323	367,301.9	73.541	363,439.7	0.782	3,862.3	0.604	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 150 HP, 3600 RPM, 95.1%	ODP Motor, 150 HP, 3600 RPM, 94.1%	4942	89.187	440,762.3	88.249	436,127.6	0.938	4,634.7	0.724	15	PSP-Business-Commercial-Electric_Auxiliary	\$750.00
Business	Retrofit	Electric Auxiliary	OPEN DRIP-PROOF (ODP) MOTORS	ODP Motor, 200 HP, 3600 RPM, 96%	ODP Motor, 200 HP, 3600 RPM, 95%	4942	117.790	582,115.6	116.563	576,051.9	1.227	6,063.7	0.948	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 1 HP, 1200 RPM, 83.5%	TEFC Motor, 1 HP, 1200 RPM, 82.5%	4942	0.678	3,315.6	0.670	3,311.4	0.008	40.1	0.006	15	PSP-Business-Commercial-Electric_Auxiliary	\$75.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 1.5 HP, 1200 RPM, 88.5%	TEFC Motor, 1.5 HP, 1200 RPM, 87.5%	4942	0.959	4,740.1	0.948	4,686.5	0.011	53.6	0.008	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 2 HP, 1200 RPM, 89.5%	TEFC Motor, 2 HP, 1200 RPM, 88.5%	4942	1.264	6,248.7	1.250	6,178.9	0.014	69.8	0.011	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 3 HP, 1200 RPM, 90.5%	TEFC Motor, 3 HP, 1200 RPM, 89.5%	4942	1.875	9,268.3	1.855	9,165.9	0.021	102.4	0.016	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 5 HP, 1200 RPM, 90.5%	TEFC Motor, 5 HP, 1200 RPM, 89.5%	4942	3.126	15,447.2	3.091	15,276.5	0.035	170.7	0.027	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 7.5 HP, 1200 RPM, 92%	TEFC Motor, 7.5 HP, 1200 RPM, 91%	4942	4.611	22,788.9	4.561	22,541.2	0.050	247.7	0.039	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 10 HP, 1200 RPM, 92%	TEFC Motor, 10 HP, 1200 RPM, 91%	4942	6.148	30,385.2	6.082	30,054.9	0.067	330.3	0.052	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 15 HP, 1200 RPM, 92.7%	TEFC Motor, 15 HP, 1200 RPM, 91.7%	4942	9.152	45,229.8	9.053	44,741.9	0.099	487.9	0.076	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 20 HP, 1200 RPM, 92.7%	TEFC Motor, 20 HP, 1200 RPM, 91.7%	4942	12.203	60,306.4	12.071	59,655.9	0.132	650.6	0.102	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 25 HP, 1200 RPM, 94%	TEFC Motor, 25 HP, 1200 RPM, 93%	4942	15.040	74,329.3	14.880	73,538.5	0.160	790.7	0.124	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 30 HP, 1200 RPM, 94%	TEFC Motor, 30 HP, 1200 RPM, 93%	4942	18.048	89,195.1	17.856	88,246.2	0.192	948.9	0.148	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 40 HP, 1200 RPM, 95.1%	TEFC Motor, 40 HP, 1200 RPM, 94.1%	4942	23.783	117,536.6	23.533	116,300.7	0.250	1,235.9	0.193	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 50 HP, 1200 RPM, 95.1%	TEFC Motor, 50 HP, 1200 RPM, 94.1%	4942	29.729	146,920.8	29.416	145,375.9	0.313	1,544.9	0.241	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 60 HP, 1200 RPM, 95.5%	TEFC Motor, 60 HP, 1200 RPM, 94.5%	4942	35.524	175,558.7	35.152	173,720.4	0.372	1,838.3	0.287	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 75 HP, 1200 RPM, 95.5%	TEFC Motor, 75 HP, 1200 RPM, 94.5%	4942	44.405	219,448.3	43.940	217,150.5	0.465	2,297.9	0.359	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 100 HP, 1200 RPM, 96%	TEFC Motor, 100 HP, 1200 RPM, 95%	4942	58.895	291,057.8	58.281	288,025.9	0.613	3,031.8	0.474	15	PSP-Business-Commercial-Electric_Auxiliary	\$500.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 125 HP, 1200 RPM, 96%	TEFC Motor, 125 HP, 1200 RPM, 95%	4942	73.618	363,822.2	72.852	360,032.4	0.767	3,789.8	0.592	15	PSP-Business-Commercial-Electric_Auxiliary	\$500.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 150 HP, 1200 RPM, 96.8%	TEFC Motor, 150 HP, 1200 RPM, 95.8%	4942	87.604	432,940.9	86.699	428,468.3	0.905	4,472.5	0.699	15	PSP-Business-Commercial-Electric_Auxiliary	\$600.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 200 HP, 1200 RPM, 96.8%	TEFC Motor, 200 HP, 1200 RPM, 95.8%	4942	116.806	577,254.5	115.599	571,291.1	1.207	5,963.4	0.932	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 1 HP, 1800 RPM, 86.5%	TEFC Motor, 1 HP, 1800 RPM, 85.5%	4942	0.654	3,234.0	0.647	3,196.6	0.008	37.4	0.006	15	PSP-Business-Commercial-Electric_Auxiliary	\$75.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 1.5 HP, 1800 RPM, 87.5%	TEFC Motor, 1.5 HP, 1800 RPM, 86.5%	4942	0.970	4,794.9	0.959	4,740.1	0.011	54.8	0.009	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 2 HP, 1800 RPM, 87.5%	TEFC Motor, 2 HP, 1800 RPM, 86.5%	4942	1.294	6,393.2	1.279	6,320.1	0.015	73.1	0.011	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 3 HP, 1800 RPM, 89.5%	TEFC Motor, 3 HP, 1800 RPM, 88.5%	4942	1.875	9,268.3	1.855	9,165.9	0.021	102.4	0.016	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 5 HP, 1800 RPM, 90.5%	TEFC Motor, 5 HP, 1800 RPM, 89.5%	4942	3.126	15,447.2	3.091	15,276.5	0.035	170.7	0.027	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 7.5 HP, 1800 RPM, 92.7%	TEFC Motor, 7.5 HP, 1800 RPM, 91.7%	4942	4.576	22,614.9	4.527	22,371.0	0.049	244.0	0.038	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 10 HP, 1800 RPM, 92.7%	TEFC Motor, 10 HP, 1800 RPM, 91.7%	4942	6.101	30,153.2	6.036	29,827.9	0.066	325.3	0.051	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 15 HP, 1800 RPM, 93.4%	TEFC Motor, 15 HP, 1800 RPM, 92.4%	4942	9.083	44,887.2	8.986	44,406.6	0.097	480.6	0.075	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 20 HP, 1800 RPM, 94%	TEFC Motor, 20 HP, 1800 RPM, 93%	4942	12.032	59,463.4	11.904	58,830.8	0.128	632.6	0.099	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 25 HP, 1800 RPM, 94.6%	TEFC Motor, 25 HP, 1800 RPM, 93.6%	4942	14.944	73,852.8	14.786	73,072.1	0.158	780.7	0.122	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 30 HP, 1800 RPM, 94.6%	TEFC Motor, 30 HP, 1800 RPM, 93.6%	4942	17.933	88,623.4	17.743	87,686.5	0.190	936.8	0.146	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 40 HP, 1800 RPM, 95.1%	TEFC Motor, 40 HP, 1800 RPM, 94.1%	4942	23.783	117,536.6	23.533	116,300.7	0.250	1,235.9	0.193	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 50 HP, 1800 RPM, 95.5%	TEFC Motor, 50 HP, 1800 RPM, 94.5%	4942	29.603	146,298.9	29.293	144,767.0	0.310	1,531.9	0.239	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 60 HP, 1800 RPM, 96%	TEFC Motor, 60 HP, 1800 RPM, 95%	4942	35.337	174,634.7	34.969	172,815.6	0.368	1,819.1	0.284	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 75 HP, 1800 RPM, 96.4%	TEFC Motor, 75 HP, 1800 RPM, 95.4%	4942	43.986	217,378.1	43.530	215,123.1	0.456	2,255.0	0.352	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 100 HP, 1800 RPM, 96.4%	TEFC Motor, 100 HP, 1800 RPM, 95.4%	4942	58.648	289,837.4	58.039	286,830.8	0.608	3,006.6	0.470	15	PSP-Business-Commercial-Electric_Auxiliary	\$500.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 125 HP, 1800 RPM, 96.4%	TEFC Motor, 125 HP, 1800 RPM, 95.4%	4942	73.310	362,296.8	72.549	358,538.5	0.760	3,758.3	0.587	15	PSP-Business-Commercial-Electric_Auxiliary	\$500.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 150 HP, 1800 RPM, 96.8%	TEFC Motor, 150 HP, 1800 RPM, 95.8%	4942	87.604	432,940.9	86.699	428,468.3	0.905	4,472.5	0.699	15	PSP-Business-Commercial-Electric_Auxiliary	\$600.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 200 HP, 1800 RPM, 97.2%	TEFC Motor, 200 HP, 1800 RPM, 96.2%	4942	116.320	574,854.3	115.123	568,940.1	1.197	5,914.1	0.924	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 1 HP, 3600 RPM, 78%	TEFC Motor, 1 HP, 3600 RPM, 77%	4942	0.727	3,591.0	0.717	3,544.9	0.009	46.0	0.007	15	PSP-Business-Commercial-Electric_Auxiliary	\$75.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 1.5 HP, 3600 RPM, 85%	TEFC Motor, 1.5 HP, 3600 RPM, 84%	4942	0.999	4,937.6	0.987	4,879.5	0.012	58.1	0.009	15	PSP-Business-Commercial-Electric_Auxiliary	\$50.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 2 HP, 3600 RPM, 86.5%	TEFC Motor, 2 HP, 3600 RPM, 85.5%	4942	1.309	6,468.0	1.294	6,393.2	0.015	74.8	0.012	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 3 HP, 3600 RPM, 87.5%	TEFC Motor, 3 HP, 3600 RPM, 86.5%	4942	1.940	9,589.8	1.918	9,480.2	0.022	109.6	0.017	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 5 HP, 3600 RPM, 89.5%	TEFC Motor, 5 HP, 3600 RPM, 88.5%	4942	3.161	15,621.8	3.126	15,447.2	0.035	174.5	0.027	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 7.5 HP, 3600 RPM, 90.5%	TEFC Motor, 7.5 HP, 3600 RPM, 89.5%	4942	4.689	23,170.8	4.637	22,914.8	0.052	256.0	0.040	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 10 HP, 3600 RPM, 91.2%	TEFC Motor, 10 HP, 3600 RPM, 90.2%	4942	6.203	30,654.7	6.135	30,318.5	0.068	336.1	0.053	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 15 HP, 3600 RPM, 92%	TEFC Motor, 15 HP, 3600 RPM, 91%	4942	9.223	45,577.9	9.122	45,082.3	0.100	495.4	0.077	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 20 HP, 3600 RPM, 92%	TEFC Motor, 20 HP, 3600 RPM, 91%	4942	12.297	60,770.3	12.163	60,109.8	0.134	660.5	0.103	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 25 HP, 3600 RPM, 92.7%	TEFC Motor, 25 HP, 3600 RPM, 91.7%	4942	15.254	75,383.0	15.089	74,569.8	0.165	813.2	0.127	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 30 HP, 3600 RPM, 92.7%	TEFC Motor, 30 HP, 3600 RPM, 91.7%	4942	18.304	90,459.6	18.107	89,483.8	0.197	975.8	0.153	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 40 HP, 3600 RPM, 93.4%	TEFC Motor, 40 HP, 3600 RPM, 92.4%	4942	24.221	119,699.1	23.961	118,417.5	0.259	1,281.6	0.200	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 50 HP, 3600 RPM, 94%	TEFC Motor, 50 HP, 3600 RPM, 93%	4942	30.081	148,658.6	29.761	147,077.1	0.320	1,581.5	0.247	15	PSP-Business-Commercial-Electric_Auxiliary	\$100.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 60 HP, 3600 RPM, 94.6%	TEFC Motor, 60 HP, 3600 RPM, 93.6%	4942	35.865	177,246.7	35.486	175,373.1	0.379	1,873.6	0.293	15	PSP-Business-Commercial-Electric_Auxiliary	\$0.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 75 HP, 3600 RPM, 94.6%	TEFC Motor, 75 HP, 3600 RPM, 93.6%	4942	44.832	221,558.4	44.358	219,216.4	0.474	2,342.1	0.366	15	PSP-Business-Commercial-Electric_Auxiliary	\$300.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 100 HP, 3600 RPM, 95.1%	TEFC Motor, 100 HP, 3600 RPM, 94.1%	4942	59.458	293,841.6	58.833	290,751.7	0.625	3,089.8	0.483	15	PSP-Business-Commercial-Electric_Auxiliary	\$500.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 125 HP, 3600 RPM, 96%	TEFC Motor, 125 HP, 3600 RPM, 95%	4942	73.618	363,822.2	72.852	360,032.4	0.767	3,789.8	0.592	15	PSP-Business-Commercial-Electric_Auxiliary	\$500.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 150 HP, 3600 RPM, 96%	TEFC Motor, 150 HP, 3600 RPM, 95%	4942	88.342	436,586.7	87.422	432,038.9	0.920	4,547.8	0.711	15	PSP-Business-Commercial-Electric_Auxiliary	\$600.00
Business	Retrofit	Electric Auxiliary	TOTALLY ENCLOSED FAN-COOLED (TEFC) MOTORS	TEFC Motor, 200 HP, 3600 RPM, 96.4%	TEFC Motor, 200 HP, 3600 RPM, 95.4%	4942	117.296	579,674.8	116.079	573,661.6	1.217	6,013.2	0.940	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 1 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	0.159	1,162.0	0.182	15	PSP-Business-Commercial-Electric_Auxiliary	\$200.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 1.5 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	0.230	1,689.0	0.264	15	PSP-Business-Commercial-Electric_Auxiliary	\$250.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 2 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	0.297	2,178.0	0.340	15	PSP-Business-Commercial-Electric_Auxiliary	\$350.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 3 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	0.437	3,203.0	0.501	15	PSP-Business-Commercial-Electric_Auxiliary	\$750.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 5 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	0.724	5,308.0	0.830	15	PSP-Business-Commercial-Electric_Auxiliary	\$750.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 7.5 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	1.073	7,860.0	1.228	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,000.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 10 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	1.415	10,367.0	1.620	15	PSP-Business-Commercial-Electric_Auxiliary	\$1,200.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 15 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	2.110	15,474.0	2.419	15	PSP-Business-Commercial-Electric_Auxiliary	\$2,000.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 20 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	2.801	20,527.0	3.208	15	PSP-Business-Commercial-Electric_Auxiliary	\$2,250.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 25 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	3.482	25,515.0	3.988	15	PSP-Business-Commercial-Electric_Auxiliary	\$2,250.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 30 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	4.153	30,437.0	4.757	15	PSP-Business-Commercial-Electric_Auxiliary	\$2,250.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 40 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	5.517	40,430.0	6.319	15	PSP-Business-Commercial-Electric_Auxiliary	\$2,250.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 50 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	-	-	-	-	6.869	50,340.0	7.868	15	PSP-Business-Commercial-Electric_Auxiliary	\$3,000.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 60 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	33.570	134,280.0	29.542	118,166.4	4.028	16,113.6	2.518	15	PSP-Business-Commercial-Electric_Auxiliary	\$2,800.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 75 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	41.963	167,850.0	36.927	147,708.0	5.036	20,142.0	3.148	15	PSP-Business-Commercial-Electric_Auxiliary	\$3,200.00
Business	Retrofit	Electric Auxiliary	VARIABLE FREQUENCY DRIVE (VFD)	Motor Size: 100 HP, 66% Load Factor	No VFD installed, Motor is at 75% Load Factor	3963	55.950	223,800.0	49.236	196,944.0	6.714	26,856.0	4.197	15	PSP-Business-Commercial-Electric_Auxiliary	\$3,500.00
Business	Retrofit	Lighting	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	<10W ≥450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	3911	0.012	46.9	0.0066	25.8	0.005	21.1	0.004	6	PSP-Business-Commercial-Lighting_Small Business	\$4.65
Business	Retrofit	Lighting	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	<12W ≥800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	3911	0.014	54.8	0.0099	38.7	0.004	16.0	0.003	6	PSP-Business-Commercial-Lighting_Small Business	\$3.53
Business	Retrofit	Lighting	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	<16W ≥1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	3911	0.023	90.0	0.0124	48.5	0.011	41.5	0.008	6	PSP-Business-Commercial-Lighting_Small Business	\$9.12
Business	Retrofit	Lighting	LED EXIT SIGN	New Sign or Retrofit Kit ≤ 3W	Average of 40W Incandescent & 22W CSA 860	8760	0.031	271.6	0.003	26.3	0.028	245.3	0.051	10	PSP-Business-Other_Commercial_Buildings-Lighting_Interior_General	\$0.00
Business	Retrofit	Lighting	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	3911	0.200	782.2	0.2000	782.2	0.000	234.7	0.045	8	PSP-Business-Commercial-Lighting_Small Business	\$55.00
Business	Retrofit	Lighting	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	3911	0.030	117.3	0.0300	117.3	0.000	48.1	0.009	8	PSP-Business-Commercial-Lighting_Small Business	\$12.09
Business	Retrofit	Lighting	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures ≥ 100W	No Occupancy Sensor	3911	0.150	586.7	0.1500	586.7	0.000	240.5	0.046	8	PSP-Business-Commercial-Lighting_Small Business	\$85.00
Business	Retrofit	Lighting	REFRIGERATED DISPLAY CASE LED FIXTURE - HORIZONTAL (UNDERSHELF) INSTALLATION	<13W Nominal 24"-48"	Average of 2'-4" T8 (17W, 25W, 32W)	6074	0.031	188.3	0.012	72.9	0.019	115.4	0.028	8	PSP-Business-Commercial-Refrigerated_Display_Case_Food Retail	\$113.00
Business	Retrofit	Lighting	REFRIGERATED DISPLAY CASE LED FIXTURE - VERTICAL INSTALLATION	<30W Nominal 48"-72"	Average of 4'-6" T8 (32W, 40W, 44W, 46W, 55W, 66W)	6074	0.062	376.6	0.029	176.1	0.033	200.4	0.048	8	PSP-Business-Commercial-Refrigerated_Display_Case_Food Retail	\$153.00
Business	Retrofit	Lighting - Food Retail	4' TS LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤28W ≥1600 Lumens	4' T5 fluorescent lamp 28W	6074	0.032	196.2	0.019	113.8	0.014	82.4	0.012	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$7.89
Business	Retrofit	Lighting - Food Retail	4' TSHO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤32W ≥2000 Lumens	4' T5HO fluorescent lamp 54W	6074	0.061	372.3	0.028	169.6	0.033	202.7	0.029	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$6.22
Business	Retrofit	Lighting - Food Retail	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤15W ≥1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	6074	0.023	137.3	0.013	81.8	0.009	55.5	0.008	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$6.82
Business	Retrofit	Lighting - Food Retail	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤22W ≥2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	6074	0.029	177.4	0.018	111.5	0.011	65.9	0.010	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$11.18
Business	Retrofit	Lighting - Food Retail	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤43W ≥3000 Lumens	59W 8' T8 w/ electronic ballast	6074	0.075	457.4	0.038	229.0	0.038	228.4	0.033	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$10.88
Business	Retrofit	Lighting - Food Retail	ENERGY STAR LED DECORATIVE BULB (E12 CANDELABRA BASE)	≤5W ≥250 Lumens	Average of 7W CFL & 40W Incandescent	6074	0.024	145.8	0.005	30.4	0.019	115.4	0.017	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$9.00
Business	Retrofit	Lighting - Food Retail	ENERGY STAR LED DECORATIVE BULB (E12 CANDELABRA BASE)	≤8W ≥400 Lumens	Average of 9W CFL & 60W Incandescent	6074	0.035	212.6	0.007	42.5	0.028	170.1	0.025	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$11.00
Business	Retrofit	Lighting - Food Retail	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤10W ≥450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	6074	0.012	72.9	0.0066	40.1	0.005	32.8	0.005	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$4.65
Business	Retrofit	Lighting - Food Retail	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤12W ≥800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	6074	0.014	85.0	0.0099	60.1	0.004	24.9	0.004	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$3.53
Business	Retrofit	Lighting - Food Retail	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤16W ≥1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	6074	0.023	139.7	0.0124	75.3	0.011	64.4	0.009	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$9.12
Business	Retrofit	Lighting - Food Retail	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤7W ≥250 Lumens	40W Incandescent filament lamp	6074	0.040	243.0	0.004	26.1	0.036	216.8	0.031	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$0.81
Business	Retrofit	Lighting - Food Retail	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤9W ≥500 Lumens	60W Incandescent filament lamp	6074	0.060	364.4	0.006	34.6	0.054	329.8	0.048	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$0.73
Business	Retrofit	Lighting - Food Retail	ENERGY STAR® QUALIFIED GLOBE LAMP	≤6W ≥250 Lumens	40W Incandescent/25W halogen globe lamp	6074	0.033	197.4	0.0049	29.8	0.028	167.6	0.024	5	PSP-Business-Food_Retail-Lighting_Interior_General	\$7.70
Business	Retrofit	Lighting - Food Retail	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥2000 Lumens)	U-bend 32W - 2 lamp T8	6074	0.065	394.8	0.039	236.9	0.026	157.9	0.023	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$70.00
Business	Retrofit	Lighting - Food Retail	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	6074	0.062	376.6	0.039	234.5	0.023	142.1	0.021	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$130.00
Business	Retrofit	Lighting - Food Retail	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	6074	0.086	523.6	0.055	334.1	0.031	189.5	0.027	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$105.00
Business	Retrofit	Lighting - Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥2000 Lumens)	U-bend 32W - 2 lamp T8	6074	0.065	394.8	0.032	194.4	0.033	200.4	0.029	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$90.00
Business	Retrofit	Lighting - Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	6074	0.062	376.6	0.031	188.3	0.031	188.3	0.027	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$135.00
Business	Retrofit	Lighting - Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	6074	0.086	523.6	0.042	255.1	0.044	268.5	0.039	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$150.00
Business	Retrofit	Lighting - Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	6074	0.0165	100.2	0.0094	57.1	0.007	43.1	0.006	7	PSP-Business-Food_Retail-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	6074	0.020	121.5	0.012	72.9	0.008	48.6	0.007	7	PSP-Business-Food_Retail-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	6074	0.025	151.9	0.0153	92.9	0.010	58.9	0.009	7	PSP-Business-Food_Retail-Lighting_Interior_General	\$47.50
Business	Retrofit	Lighting - Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤7W ≥250 Lumens	20W - 35W Halogen or Incandescent Lamp	6074	0.028	170.1	0.006	36.4	0.022	133.6	0.019	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$7.50
Business	Retrofit	Lighting - Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤14W ≥400 Lumens	35W - 38W Halogen or Incandescent Lamp	6074	0.037	224.7	0.008	45.6	0.030	179.2	0.026	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$15.50
Business	Retrofit	Lighting - Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤19W ≥600 Lumens	38W - 43W Halogen or Incandescent Lamp	6074	0.041	249.0	0.011	66.8	0.030	182.2	0.026	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤20W ≥800 Lumens	43W - 60W Halogen or Incandescent Lamp	6074	0.052	315.8	0.013	79.0	0.039	236.9	0.034	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤30W ≥1200 Lumens	60W - 80W Halogen or Incandescent Lamp	6074	0.070	425.2	0.018	106.3	0.053	318.9	0.046	4	PSP-Business-Food_Retail-Lighting_Interior_General	\$25.00
Business	Retrofit	Lighting - Food Retail	LED TUBE RE-LAMP	≤10W ≥1500 Lumens	Single-lamp 25W T8	6074	0.025	151.9	0.015	91.1	0.010	60.7	0.009	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Food Retail	LED TUBE RE-LAMP	≤22W ≥2100 Lumens	Single-lamp 32W T8	6074	0.032	194.4	0.022	133.6	0.010	60.7	0.009	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Food Retail	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	6074	0.200	1,214.8	0.2000	1,214.8	0.000	364.4	0.053	5	PSP-Business-Food_Retail-Lighting_Interior_General	\$55.00
Business	Retrofit	Lighting - Food Retail	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	6074	0.030	182.2	0.0300	182.2	0.000	74.7	0.011	5	PSP-Business-Food_Retail-Lighting_Interior_General	\$12.09
Business	Retrofit	Lighting - Food Retail	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures ≥ 100W	No Occupancy Sensor	6074	0.150	1,214.8	0.1500	911.1	0.000	373.6	0.054	5	PSP-Business-Food_Retail-Lighting_Interior_General	\$85.00
Business	Retrofit	Lighting - Food Retail	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	>675 Lumens	18W G24q or GX24q Base	6074	0.016	97.2	0.0117	71.1	0.004	26.1	0.004	8	PSP-Business-Food_Retail-Lighting_Interior_General	\$7.65

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - General	LED EXTERIOR AREA LIGHTS	LED fixture (≤30W)	50W to 75W MH/HPS	4200	0.090	378.0	0.025	105.0	0.065	273.0	0.003	12	PSP-Business-Commercial-Lighting_Exterior	\$50.00
Business	Retrofit	Lighting - General	LED EXTERIOR AREA LIGHTS	LED fixture (>30W to ≤60W)	100W - 175W MH/HPS	4200	0.185	777.0	0.046	193.2	0.139	583.8	0.006	12	PSP-Business-Commercial-Lighting_Exterior	\$55.00
Business	Retrofit	Lighting - General	LED EXTERIOR AREA LIGHTS	LED fixture (>60W to ≤120W)	200W - 250W MH/HPS	4200	0.290	1,218.0	0.090	378.0	0.200	840.0	0.009	12	PSP-Business-Commercial-Lighting_Exterior	\$115.00
Business	Retrofit	Lighting - General	LED EXTERIOR AREA LIGHTS	LED fixture (>120W to ≤200W)	400W - 450W MH	4200	0.465	1,953.0	0.175	735.0	0.290	1,218.0	0.013	12	PSP-Business-Commercial-Lighting_Exterior	\$150.00
Business	Retrofit	Lighting - General	LED EXTERIOR AREA LIGHTS	LED fixture (>200W to ≤300W)	400W - 450W HPS	4200	0.465	1,953.0	0.275	1,155.0	0.190	798.0	0.009	12	PSP-Business-Commercial-Lighting_Exterior	\$400.00
Business	Retrofit	Lighting - General	LED EXTERIOR AREA LIGHTS	LED fixture (≤530W)	750W to 1000W MH/HPS	4200	1.080	4,536.0	0.350	1,470.0	0.730	3,066.0	0.034	12	PSP-Business-Commercial-Lighting_Exterior	\$350.00
Business	Retrofit	Lighting - Hospital	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1500 Lumens	4' T5 fluorescent lamp 28W	5182	0.032	167.4	0.019	97.1	0.014	70.3	0.010	10	PSP-Business-Hospital-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Hospital	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 2000 Lumens	4' T5HO fluorescent lamp 54W	5182	0.061	317.7	0.028	144.7	0.033	172.9	0.025	10	PSP-Business-Hospital-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Hospital	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 15W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	5182	0.023	117.1	0.013	69.8	0.009	47.3	0.007	10	PSP-Business-Hospital-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Hospital	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 20W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	5182	0.029	151.3	0.018	95.1	0.011	56.2	0.008	10	PSP-Business-Hospital-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Hospital	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 43W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	5182	0.075	390.2	0.038	195.4	0.038	194.8	0.028	10	PSP-Business-Hospital-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Hospital	ENERGY STAR LED DECORATIVE BLUB [E12 CANDELABRA BASE]	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	5182	0.024	124.4	0.005	25.9	0.019	98.5	0.014	5	PSP-Business-Hospital-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Hospital	ENERGY STAR LED DECORATIVE BLUB [E12 CANDELABRA BASE]	≤ 9W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	5182	0.035	181.4	0.007	36.3	0.028	145.1	0.021	5	PSP-Business-Hospital-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Hospital	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	5182	0.012	62.2	0.0066	34.2	0.005	28.0	0.004	5	PSP-Business-Hospital-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Hospital	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	5182	0.014	72.5	0.0099	51.3	0.004	21.2	0.003	5	PSP-Business-Hospital-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Hospital	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 15W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	5182	0.023	119.2	0.0124	64.3	0.011	54.9	0.008	5	PSP-Business-Hospital-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Hospital	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	5182	0.040	207.3	0.004	22.3	0.036	185.0	0.027	5	PSP-Business-Hospital-Lighting_Interior-General	-\$0.81
Business	Retrofit	Lighting - Hospital	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	5182	0.060	310.9	0.006	29.5	0.054	281.4	0.041	5	PSP-Business-Hospital-Lighting_Interior-General	-\$0.73
Business	Retrofit	Lighting - Hospital	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	5182	0.033	168.4	0.0049	25.4	0.028	143.0	0.021	4	PSP-Business-Hospital-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Hospital	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	5182	0.295	1,528.7	0.137	709.9	0.158	818.8	0.118	10	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$100.00
Business	Retrofit	Lighting - Hospital	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	5182	0.450	2,331.9	0.216	1,119.3	0.234	1,212.6	0.175	10	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$110.00
Business	Retrofit	Lighting - Hospital	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	5182	0.590	3,057.4	0.288	1,492.4	0.302	1,565.0	0.226	10	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$90.00
Business	Retrofit	Lighting - Hospital	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	5182	0.065	336.8	0.039	202.1	0.026	134.7	0.019	10	PSP-Business-Hospital-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Hospital	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	5182	0.086	446.7	0.055	285.0	0.031	161.7	0.023	10	PSP-Business-Hospital-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Hospital	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	5182	0.062	321.3	0.039	200.0	0.023	121.3	0.018	10	PSP-Business-Hospital-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Hospital	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	5182	0.065	336.8	0.032	165.8	0.033	171.0	0.025	10	PSP-Business-Hospital-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Hospital	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	5182	0.062	321.3	0.031	160.6	0.031	160.6	0.023	10	PSP-Business-Hospital-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Hospital	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	5182	0.086	446.7	0.042	217.6	0.044	229.0	0.033	10	PSP-Business-Hospital-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Hospital	LED HIGH BAY FIXTURE	≤ 139W ≥ 8000 Lumens	250W Probe Start Metal Halide	5182	0.295	1,528.7	0.139	720.3	0.156	808.4	0.117	14	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$193.25
Business	Retrofit	Lighting - Hospital	LED HIGH BAY FIXTURE	≤ 175W ≥ 15,000 Lumens	400W Probe Start Metal Halide	5182	0.458	2,373.4	0.175	906.9	0.283	1,466.5	0.212	14	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$133.25
Business	Retrofit	Lighting - Hospital	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	5182	0.0165	85.5	0.0094	48.7	0.007	36.8	0.005	8	PSP-Business-Hospital-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Hospital	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	5182	0.020	103.6	0.012	62.2	0.008	41.5	0.006	8	PSP-Business-Hospital-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Hospital	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	5182	0.025	129.6	0.0153	79.3	0.010	50.3	0.007	8	PSP-Business-Hospital-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Hospital	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	5182	0.028	145.1	0.006	31.1	0.022	114.0	0.016	5	PSP-Business-Hospital-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Hospital	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	5182	0.037	191.7	0.008	38.9	0.030	152.9	0.022	5	PSP-Business-Hospital-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Hospital	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	5182	0.041	212.5	0.011	57.0	0.030	155.5	0.022	5	PSP-Business-Hospital-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Hospital	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	5182	0.052	269.5	0.013	67.4	0.039	202.1	0.029	5	PSP-Business-Hospital-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Hospital	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	5182	0.070	362.7	0.018	90.7	0.053	272.1	0.039	5	PSP-Business-Hospital-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Hospital	LED TUBE RE-LAMP	≤ 13W ≥ 1500 Lumens	Single-lamp 25W T8	5182	0.025	129.6	0.015	77.7	0.010	51.8	0.007	10	PSP-Business-Hospital-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Hospital	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	5182	0.032	165.8	0.022	114.0	0.010	51.8	0.007	10	PSP-Business-Hospital-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Hospital	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	5182	0.200	1,036.4	0.2000	1,036.4	0.000	310.9	0.045	6	PSP-Business-Hospital-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Hospital	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	5182	0.030	155.5	0.0300	155.5	0.000	63.7	0.009	6	PSP-Business-Hospital-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Hospital	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures > 100W	No Occupancy Sensor	5182	0.150	1,036.4	0.1500	777.3	0.000	318.7	0.046	6	PSP-Business-Hospital-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Hospital	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	5182	0.016	82.9	0.0117	60.6	0.004	22.3	0.003	10	PSP-Business-Hospital-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Hospital	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	5182	0.450	2,331.9	0.224	1,160.8	0.226	1,171.1	0.169	10	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$35.00
Business	Retrofit	Lighting - Hospital	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	5182	0.590	3,057.4	0.351	1,818.9	0.239	1,238.5	0.179	10	PSP-Business-Hospital-Lighting_Interior-High_Bay	\$10.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Hospital	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250W Probe Start Metal Halide	5182	0.885	4,586.1	0.448	2,243.0	0.437	2,264.5	0.327	10	PSP-Business-Hospital-Lighting_Interior_High_Bay	\$50.00
Business	Retrofit	Lighting - Hospital	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	5182	1.075	5,570.7	0.560	2,901.9	0.515	2,668.7	0.386	10	PSP-Business-Hospital-Lighting_Interior_High_Bay	\$50.00
Business	Retrofit	Lighting - Hospital	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	5182	1.350	6,995.7	0.672	3,482.3	0.678	3,513.4	0.508	10	PSP-Business-Hospital-Lighting_Interior_High_Bay	\$200.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	5-28W ≥1500 Lumens	4' T5 fluorescent lamp 28W	7884	0.032	254.7	0.019	147.7	0.014	106.9	0.015	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$7.89
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	4' TSHO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	5-32W ≥2000 Lumens	4' TSHO fluorescent lamp 54W	7884	0.061	483.3	0.028	220.2	0.033	263.1	0.037	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$6.22
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	5-15W ≥1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	7884	0.023	178.2	0.013	106.2	0.009	72.0	0.010	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$6.82
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	5-22W ≥2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	7884	0.029	230.2	0.018	144.7	0.011	85.5	0.012	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$11.18
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	5-43W ≥3200 Lumens	59W 8' T8 w/ electronic ballast	7884	0.075	593.7	0.038	297.2	0.038	296.4	0.042	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$10.88
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	5-5W ≥250 Lumens	Average of 7W CFL & 40W Incandescent	7884	0.024	189.2	0.005	39.4	0.019	148.8	0.021	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$9.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	5-6W ≥400 Lumens	Average of 9W CFL & 60W Incandescent	7884	0.035	275.9	0.007	55.2	0.028	220.8	0.031	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$11.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR* LED OMNIDIRECTIONAL A LAMPS	5-10W ≥450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	7884	0.012	94.6	0.006	52.0	0.005	42.6	0.006	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$4.65
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR* LED OMNIDIRECTIONAL A LAMPS	5-12W ≥800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	7884	0.014	110.4	0.009	78.1	0.004	32.3	0.005	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$3.53
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR* LED OMNIDIRECTIONAL A LAMPS	5-16W ≥1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	7884	0.023	181.3	0.0124	97.8	0.011	83.6	0.012	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$9.12
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR* QUALIFIED FILAMENT LAMP	5-7W ≥250 Lumens	40W Incandescent filament lamp	7884	0.040	315.4	0.004	33.9	0.036	281.5	0.039	3	PSP-Business-Large_Hotel-Lighting_Interior_General	-\$0.81
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR* QUALIFIED FILAMENT LAMP	5-9W ≥300 Lumens	60W Incandescent filament lamp	7884	0.060	473.0	0.006	44.9	0.054	428.1	0.060	3	PSP-Business-Large_Hotel-Lighting_Interior_General	-\$0.73
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	ENERGY STAR* QUALIFIED GLOBE LAMP	5-6W ≥250 Lumens	40W Incandescent/25W halogen globe lamp	7884	0.033	256.2	0.0049	38.6	0.028	217.6	0.031	2	PSP-Business-Large_Hotel-Lighting_Interior_General	\$7.70
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	7884	0.065	512.5	0.039	307.5	0.026	205.0	0.029	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$70.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	7884	0.086	679.6	0.055	433.6	0.031	246.0	0.034	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$105.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	7884	0.062	488.8	0.039	304.3	0.023	184.5	0.026	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$130.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	7884	0.065	512.5	0.032	252.3	0.033	260.2	0.036	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$90.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	7884	0.062	488.8	0.031	244.4	0.031	244.4	0.034	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$135.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	7884	0.086	679.6	0.044	348.5	0.044	331.1	0.046	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$150.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR* 20W or 18W CFL	7884	0.0165	130.1	0.0094	74.1	0.007	56.0	0.008	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR* 20W CFL	7884	0.020	157.7	0.012	94.6	0.008	63.1	0.009	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR* 25W CFL	7884	0.025	197.1	0.0153	120.6	0.010	76.5	0.011	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$47.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	5-7W ≥250 Lumens	20W - 35W Halogen or Incandescent Lamp	7884	0.028	220.8	0.006	47.3	0.022	173.4	0.024	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$7.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	5-14W ≥400 Lumens	35W - 38W Halogen or Incandescent Lamp	7884	0.037	291.7	0.008	59.1	0.030	232.6	0.033	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$15.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	5-16W ≥600 Lumens	38W - 43W Halogen or Incandescent Lamp	7884	0.041	323.2	0.011	86.7	0.030	236.5	0.033	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	5-20W ≥800 Lumens	43W - 60W Halogen or Incandescent Lamp	7884	0.052	410.0	0.013	102.5	0.039	307.5	0.043	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	5-30W ≥1100 Lumens	60W - 80W Halogen or Incandescent Lamp	7884	0.070	551.9	0.018	138.0	0.053	413.9	0.058	3	PSP-Business-Large_Hotel-Lighting_Interior_General	\$25.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED TUBE RE-LAMP	5-15W ≥1500 Lumens	Single-lamp 25W T8	7884	0.025	197.1	0.015	118.3	0.010	78.8	0.011	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	LED TUBE RE-LAMP	5-22W ≥2100 Lumens	Single-lamp 32W T8	7884	0.032	252.3	0.022	173.4	0.010	78.8	0.011	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	7884	0.200	1,576.8	0.2000	1,576.8	0.000	473.0	0.066	4	PSP-Business-Large_Hotel-Lighting_Interior_General	\$55.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	7884	0.030	236.5	0.0300	236.5	0.000	97.0	0.014	4	PSP-Business-Large_Hotel-Lighting_Interior_General	\$12.09
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >= 100W	No Occupancy Sensor	7884	0.150	1,576.8	0.1500	1,182.6	0.000	484.9	0.068	4	PSP-Business-Large_Hotel-Lighting_Interior_General	\$85.00
Business	Retrofit	Lighting - Large Hotel (Corridor/Lobby)	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	7884	0.016	126.1	0.0117	92.2	0.004	33.9	0.005	6	PSP-Business-Large_Hotel-Lighting_Interior_General	\$7.65
Business	Retrofit	Lighting - Large Non-Food Retail	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	5-28W ≥1500 Lumens	4' T5 fluorescent lamp 28W	4089	0.032	132.1	0.019	76.6	0.014	55.4	0.008	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$7.89
Business	Retrofit	Lighting - Large Non-Food Retail	4' TSHO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	5-32W ≥2000 Lumens	4' TSHO fluorescent lamp 54W	4089	0.061	250.7	0.028	114.2	0.033	136.4	0.020	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$6.22
Business	Retrofit	Lighting - Large Non-Food Retail	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	5-15W ≥1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	4089	0.023	92.4	0.013	55.1	0.009	37.3	0.006	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$6.82
Business	Retrofit	Lighting - Large Non-Food Retail	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	5-22W ≥2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	4089	0.029	119.4	0.018	75.0	0.011	44.4	0.007	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$11.18
Business	Retrofit	Lighting - Large Non-Food Retail	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	5-43W ≥3200 Lumens	59W 8' T8 w/ electronic ballast	4089	0.075	307.9	0.038	154.2	0.038	153.7	0.023	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$10.88
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	5-5W ≥250 Lumens	Average of 7W CFL & 40W Incandescent	4089	0.024	98.1	0.005	20.4	0.019	77.7	0.012	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$9.00
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	5-6W ≥400 Lumens	Average of 9W CFL & 60W Incandescent	4089	0.035	143.1	0.007	28.6	0.028	114.5	0.017	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$11.00
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR* LED OMNIDIRECTIONAL A LAMPS	5-10W ≥450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	4089	0.012	94.6	0.006	27.0	0.005	22.1	0.003	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$4.65
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR* LED OMNIDIRECTIONAL A LAMPS	5-12W ≥800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	4089	0.014	57.1	0.009	40.5	0.004	16.8	0.002	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$3.53
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR* LED OMNIDIRECTIONAL A LAMPS	5-16W ≥1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	4089	0.023	94.0	0.0124	50.7	0.011	43.3	0.006	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior_General	\$9.12

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	4089	0.040	163.6	0.004	17.6	0.036	146.0	0.022	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	-\$0.81
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	4089	0.060	245.3	0.006	23.3	0.054	222.0	0.033	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	-\$0.73
Business	Retrofit	Lighting - Large Non-Food Retail	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	4089	0.033	132.9	0.0049	20.0	0.028	112.9	0.017	4	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Large Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	4089	0.295	1,206.3	0.137	560.2	0.158	646.1	0.096	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$100.00
Business	Retrofit	Lighting - Large Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	4089	0.450	1,840.1	0.216	883.2	0.234	956.8	0.142	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$110.00
Business	Retrofit	Lighting - Large Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	4089	0.590	2,412.5	0.288	1,177.6	0.302	1,234.9	0.183	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Large Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	4089	0.295	1,206.3	0.137	560.2	0.158	646.1	0.096	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$100.00
Business	Retrofit	Lighting - Large Non-Food Retail	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	4089	0.065	265.8	0.039	159.5	0.026	106.3	0.016	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Large Non-Food Retail	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	4089	0.062	253.5	0.039	157.8	0.023	95.7	0.014	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Large Non-Food Retail	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	4089	0.086	352.5	0.055	224.9	0.031	127.6	0.019	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Large Non-Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	3610	0.065	234.7	0.032	115.5	0.033	119.1	0.018	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Large Non-Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3610	0.062	233.8	0.031	111.9	0.031	111.9	0.017	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Large Non-Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3610	0.086	311.2	0.042	151.6	0.044	159.6	0.024	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Large Non-Food Retail	LED HIGH BAY FIXTURE	≤ 139W ≥ 8900 Lumens	250W Probe Start Metal Halide	4089	0.295	1,206.3	0.139	568.4	0.156	637.9	0.095	17	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$193.25
Business	Retrofit	Lighting - Large Non-Food Retail	LED HIGH BAY FIXTURE	≤ 175W ≥ 15,000 Lumens	400W Probe Start Metal Halide	4089	0.458	1,872.8	0.175	715.6	0.283	1,157.2	0.172	17	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$133.25
Business	Retrofit	Lighting - Large Non-Food Retail	LED HIGH BAY FIXTURE	≤ 139W ≥ 8900 Lumens	250W Probe Start Metal Halide	4089	0.295	1,206.3	0.139	568.4	0.156	637.9	0.095	17	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$193.25
Business	Retrofit	Lighting - Large Non-Food Retail	LED HIGH BAY FIXTURE	≤ 175W ≥ 15,000 Lumens	400W Probe Start Metal Halide	4089	0.458	1,872.8	0.175	715.6	0.283	1,157.2	0.172	17	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$133.25
Business	Retrofit	Lighting - Large Non-Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® T8 or 18W CFL	4089	0.0165	67.5	0.0094	38.4	0.007	29.0	0.004	11	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	4089	0.020	81.8	0.012	49.1	0.008	32.7	0.005	11	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	4089	0.025	102.2	0.0153	62.6	0.010	39.7	0.006	11	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	4089	0.028	114.5	0.006	24.5	0.022	90.0	0.013	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	4089	0.037	151.3	0.008	30.7	0.030	120.6	0.018	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	4089	0.041	167.6	0.011	45.0	0.030	122.7	0.018	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	4089	0.052	212.6	0.013	53.2	0.039	159.5	0.024	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Large Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	4089	0.070	286.2	0.018	71.6	0.053	214.7	0.032	6	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Large Non-Food Retail	LED TUBE RE-LAMP	≤ 15W ≥ 1500 Lumens	Single-lamp 25W T8	3610	0.025	90.3	0.015	54.2	0.010	36.1	0.005	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Large Non-Food Retail	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	3610	0.032	115.5	0.022	79.4	0.010	36.1	0.005	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Large Non-Food Retail	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	4089	0.200	817.8	0.2000	817.8	0.000	245.3	0.036	8	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Large Non-Food Retail	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	4089	0.030	122.7	0.0300	122.7	0.000	50.3	0.007	8	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Large Non-Food Retail	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >= 100W	No Occupancy Sensor	4089	0.150	613.4	0.1500	613.4	0.000	251.5	0.037	8	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Large Non-Food Retail	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	4089	0.016	65.4	0.0117	47.8	0.004	17.6	0.003	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Large Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	4089	0.450	1,840.1	0.224	915.9	0.226	924.1	0.137	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$35.00
Business	Retrofit	Lighting - Large Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	4089	0.590	2,412.5	0.351	1,435.2	0.239	977.3	0.145	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$10.00
Business	Retrofit	Lighting - Large Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250W Probe Start Metal Halide	4089	0.885	3,618.5	0.448	1,831.9	0.437	1,786.9	0.265	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$50.00
Business	Retrofit	Lighting - Large Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	4089	1.075	4,395.7	0.560	2,289.8	0.515	2,105.8	0.312	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$50.00
Business	Retrofit	Lighting - Large Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	4089	1.350	5,520.2	0.672	2,747.8	0.678	2,772.3	0.411	12	PSP-Business-Large_Non_Food_Retail-Lighting_Interior-General	\$200.00
Business	Retrofit	Lighting - Large Office	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1500 Lumens	4' T5 fluorescent lamp 28W	3610	0.032	116.6	0.019	67.7	0.014	49.0	0.009	14	PSP-Business-Large_Office-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Large Office	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 3200 Lumens	4' T5HO fluorescent lamp 54W	3610	0.061	221.3	0.028	100.8	0.033	120.5	0.022	14	PSP-Business-Large_Office-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Large Office	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 13W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	3610	0.023	81.6	0.013	48.6	0.009	33.0	0.007	14	PSP-Business-Large_Office-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Large Office	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 22W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	3610	0.029	105.4	0.018	66.2	0.011	39.2	0.006	14	PSP-Business-Large_Office-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Large Office	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 41W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	3610	0.075	271.8	0.038	136.1	0.038	135.7	0.025	14	PSP-Business-Large_Office-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Large Office	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	3610	0.024	86.6	0.005	18.1	0.019	68.6	0.013	7	PSP-Business-Large_Office-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Large Office	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	3610	0.035	126.4	0.007	25.3	0.028	101.1	0.019	7	PSP-Business-Large_Office-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Large Office	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	3610	0.012	43.3	0.0066	23.8	0.005	19.5	0.004	7	PSP-Business-Large_Office-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Large Office	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	3610	0.014	50.5	0.0099	25.7	0.004	14.8	0.003	7	PSP-Business-Large_Office-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Large Office	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 16W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	3610	0.023	83.0	0.0124	44.8	0.011	38.3	0.007	7	PSP-Business-Large_Office-Lighting_Interior-General	\$9.12

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Large Office	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	3610	0.040	144.4	0.004	15.5	0.036	128.9	0.024	7	PSP-Business-Large_Office-Lighting_Interior-General	-\$0.81
Business	Retrofit	Lighting - Large Office	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	3610	0.060	216.6	0.006	20.6	0.054	196.0	0.037	7	PSP-Business-Large_Office-Lighting_Interior-General	-\$0.73
Business	Retrofit	Lighting - Large Office	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	3610	0.033	117.3	0.0049	17.7	0.028	99.6	0.019	5	PSP-Business-Large_Office-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Large Office	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	3610	0.065	234.7	0.039	140.8	0.026	93.9	0.017	14	PSP-Business-Large_Office-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Large Office	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3610	0.062	223.8	0.039	139.3	0.023	84.5	0.016	14	PSP-Business-Large_Office-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Large Office	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3610	0.086	311.2	0.055	198.6	0.031	112.6	0.021	14	PSP-Business-Large_Office-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Large Office	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	4308	0.065	280.0	0.032	137.9	0.033	142.2	0.026	14	PSP-Business-Large_Office-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Large Office	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	4308	0.062	267.1	0.031	133.5	0.031	133.5	0.025	14	PSP-Business-Large_Office-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Large Office	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	4308	0.086	371.3	0.042	180.9	0.044	190.4	0.035	14	PSP-Business-Large_Office-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Large Office	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	3610	0.0165	59.6	0.0094	33.9	0.007	25.6	0.005	12	PSP-Business-Large_Office-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Large Office	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	3610	0.020	72.2	0.012	43.3	0.008	28.9	0.005	12	PSP-Business-Large_Office-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Large Office	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	3610	0.025	90.3	0.0153	55.2	0.010	35.0	0.007	12	PSP-Business-Large_Office-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Large Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	3610	0.028	101.1	0.006	21.7	0.022	79.4	0.015	7	PSP-Business-Large_Office-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Large Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	3610	0.037	133.6	0.008	27.1	0.030	106.5	0.020	7	PSP-Business-Large_Office-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Large Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	3610	0.041	148.0	0.011	39.7	0.030	108.3	0.020	7	PSP-Business-Large_Office-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Large Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	3610	0.052	187.7	0.013	46.9	0.039	140.8	0.026	7	PSP-Business-Large_Office-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Large Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	3610	0.070	252.7	0.018	63.2	0.053	189.5	0.035	7	PSP-Business-Large_Office-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Large Office	LED TUBE RE-LAMP	≤ 15W ≥ 500 Lumens	Single-lamp 25W T8	4308	0.025	107.7	0.015	64.6	0.010	43.1	0.008	14	PSP-Business-Large_Office-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Large Office	LED TUBE RE-LAMP	≤ 20W ≥ 2100 Lumens	Single-lamp 32W T8	4308	0.032	137.9	0.022	94.8	0.010	43.1	0.008	14	PSP-Business-Large_Office-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Large Office	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	3610	0.200	722.0	0.2000	722.0	0.000	216.6	0.040	9	PSP-Business-Large_Office-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Large Office	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	3610	0.030	108.3	0.0300	108.3	0.000	44.4	0.008	9	PSP-Business-Large_Office-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Large Office	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures ≥ 100W	No Occupancy Sensor	3610	0.150	722.0	0.1500	541.5	0.000	222.0	0.041	9	PSP-Business-Large_Office-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Large Office	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or G24q Base	3610	0.016	57.8	0.0117	42.2	0.004	15.5	0.003	14	PSP-Business-Large_Office-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Nursing Home	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1800 Lumens	4' T5 fluorescent lamp 28W	4308	0.032	139.1	0.019	80.7	0.014	58.4	0.009	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Nursing Home	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 3200 Lumens	4' T5HO fluorescent lamp 32W	4308	0.061	264.1	0.028	120.3	0.033	143.8	0.022	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Nursing Home	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 15W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	4308	0.023	97.4	0.013	58.0	0.009	39.3	0.006	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Nursing Home	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 20W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	4308	0.029	125.8	0.018	79.1	0.011	46.7	0.007	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Nursing Home	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 43W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	4308	0.075	324.4	0.038	162.4	0.038	162.0	0.025	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	4308	0.024	103.4	0.005	21.5	0.019	81.9	0.013	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	4308	0.035	150.8	0.007	30.2	0.028	120.6	0.019	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	4308	0.012	51.7	0.0066	28.4	0.005	23.3	0.004	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	4308	0.014	60.3	0.0099	42.6	0.004	17.7	0.003	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 16W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	4308	0.023	99.1	0.0124	53.4	0.011	45.7	0.007	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	4308	0.040	172.3	0.004	18.5	0.036	153.8	0.024	6	PSP-Business-Nursing_Home-Lighting_Interior-General	-\$0.81
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	4308	0.060	258.5	0.006	24.6	0.054	233.9	0.036	6	PSP-Business-Nursing_Home-Lighting_Interior-General	-\$0.73
Business	Retrofit	Lighting - Nursing Home	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	4308	0.033	140.0	0.0049	21.1	0.028	118.9	0.018	4	PSP-Business-Nursing_Home-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Nursing Home	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	4308	0.450	1,938.6	0.216	930.5	0.234	1,008.1	0.157	12	PSP-Business-Nursing_Home-Lighting_Interior_High_Bay	\$110.00
Business	Retrofit	Lighting - Nursing Home	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	4308	0.590	2,541.7	0.288	1,240.7	0.302	1,301.0	0.202	12	PSP-Business-Nursing_Home-Lighting_Interior_High_Bay	\$90.00
Business	Retrofit	Lighting - Nursing Home	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	4308	0.065	280.0	0.039	168.0	0.026	112.0	0.017	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Nursing Home	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	4308	0.062	267.1	0.039	166.3	0.023	100.8	0.016	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Nursing Home	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	4308	0.086	371.3	0.055	236.9	0.031	134.4	0.021	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Nursing Home	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	2857	0.065	185.7	0.032	91.4	0.033	94.3	0.015	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Nursing Home	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	2857	0.062	177.1	0.031	88.6	0.031	88.6	0.014	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Nursing Home	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	2857	0.086	246.3	0.042	120.0	0.044	126.3	0.020	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Nursing Home	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	4308	0.0165	71.1	0.0094	40.5	0.007	30.6	0.005	10	PSP-Business-Nursing_Home-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Nursing Home	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	4308	0.020	86.2	0.012	51.7	0.008	34.5	0.005	10	PSP-Business-Nursing_Home-Lighting_Interior-General	\$28.50

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Nursing Home	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	4308	0.025	107.7	0.0153	65.9	0.010	41.8	0.006	10	PSP-Business-Nursing_Home-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Nursing Home	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	4308	0.028	120.6	0.006	25.8	0.022	94.8	0.015	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Nursing Home	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	4308	0.037	159.4	0.008	32.3	0.030	127.1	0.020	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Nursing Home	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	4308	0.041	176.6	0.011	47.4	0.030	129.2	0.020	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Nursing Home	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	4308	0.052	224.0	0.013	56.0	0.039	168.0	0.026	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Nursing Home	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	4308	0.070	301.6	0.018	75.4	0.053	226.2	0.035	6	PSP-Business-Nursing_Home-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Nursing Home	LED TUBE RE-LAMP	< 15W ≥ 1500 Lumens	Single-lamp 25W T8	2857	0.025	71.4	0.015	42.9	0.010	28.6	0.004	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Nursing Home	LED TUBE RE-LAMP	< 22W ≥ 2100 Lumens	Single-lamp 32W T8	2857	0.032	91.4	0.022	62.9	0.010	28.6	0.004	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Nursing Home	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	4308	0.200	861.6	0.2000	861.6	0.000	258.5	0.040	7	PSP-Business-Nursing_Home-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Nursing Home	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	4308	0.030	129.2	0.0300	129.2	0.000	53.0	0.008	7	PSP-Business-Nursing_Home-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Nursing Home	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >= 100W	No Occupancy Sensor	4308	0.150	861.6	0.1500	646.2	0.000	264.9	0.041	7	PSP-Business-Nursing_Home-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Nursing Home	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	> 675 Lumens	18W G24q or GX24q Base	4308	0.016	68.9	0.0117	50.4	0.004	18.5	0.003	12	PSP-Business-Nursing_Home-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Nursing Home	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	4308	0.450	1,938.6	0.224	965.0	0.226	973.6	0.151	12	PSP-Business-Nursing_Home-Lighting_Interior-High_Bay	\$35.00
Business	Retrofit	Lighting - Nursing Home	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	4308	0.590	2,541.7	0.351	1,512.1	0.239	1,029.6	0.160	12	PSP-Business-Nursing_Home-Lighting_Interior-High_Bay	\$10.00
Business	Retrofit	Lighting - Nursing Home	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250W Probe Start Metal Halide	4308	0.885	3,812.6	0.448	1,930.0	0.437	1,882.6	0.293	12	PSP-Business-Nursing_Home-Lighting_Interior-High_Bay	\$50.00
Business	Retrofit	Lighting - Nursing Home	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	4308	1.075	4,631.1	0.560	2,412.5	0.515	2,218.6	0.345	12	PSP-Business-Nursing_Home-Lighting_Interior-High_Bay	\$50.00
Business	Retrofit	Lighting - Nursing Home	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	4308	1.350	5,815.8	0.672	2,895.0	0.678	2,920.8	0.454	12	PSP-Business-Nursing_Home-Lighting_Interior-High_Bay	\$200.00
Business	Retrofit	Lighting - Other Commercial Buildings	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	< 28W ≥ 1500 Lumens	4' T5 fluorescent lamp 28W	2857	0.032	92.3	0.019	53.5	0.014	38.7	0.008	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Other Commercial Buildings	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	< 32W ≥ 3200 Lumens	4' T5HO fluorescent lamp 54W	2857	0.061	175.1	0.028	79.8	0.033	95.3	0.020	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Other Commercial Buildings	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	< 15W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	2857	0.023	64.6	0.013	38.5	0.009	26.1	0.005	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Other Commercial Buildings	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	< 22W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	2857	0.029	83.4	0.018	52.4	0.011	31.0	0.006	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Other Commercial Buildings	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	< 43W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	2857	0.075	215.1	0.038	107.7	0.038	107.4	0.022	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	< 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	2857	0.024	68.6	0.005	14.3	0.019	54.3	0.011	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	< 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	2857	0.035	100.0	0.007	20.0	0.028	80.0	0.017	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	< 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	2857	0.012	34.3	0.0066	18.9	0.005	15.4	0.003	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	< 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	2857	0.014	40.0	0.0099	28.3	0.004	11.7	0.002	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	< 15W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	2857	0.023	65.7	0.0124	35.4	0.011	30.3	0.006	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR® QUALIFIED FILAMENT LAMP	< 7W ≥ 250 Lumens	40W Incandescent filament lamp	2857	0.040	114.3	0.004	12.3	0.036	102.0	0.021	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	-\$0.81
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR® QUALIFIED FILAMENT LAMP	< 9W ≥ 500 Lumens	60W Incandescent filament lamp	2857	0.060	171.4	0.006	16.3	0.054	155.1	0.032	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	-\$0.73
Business	Retrofit	Lighting - Other Commercial Buildings	ENERGY STAR® QUALIFIED GLOBE LAMP	< 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	2857	0.033	92.9	0.0049	14.0	0.028	78.9	0.016	6	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Other Commercial Buildings	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	2857	0.295	842.8	0.137	391.4	0.158	451.4	0.094	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$100.00
Business	Retrofit	Lighting - Other Commercial Buildings	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	2857	0.450	1,285.7	0.216	617.1	0.234	668.5	0.139	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$110.00
Business	Retrofit	Lighting - Other Commercial Buildings	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	2857	0.590	1,685.6	0.288	822.8	0.302	862.8	0.179	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$90.00
Business	Retrofit	Lighting - Other Commercial Buildings	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	2857	0.065	185.7	0.039	111.4	0.026	74.3	0.015	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Other Commercial Buildings	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	2857	0.062	171.1	0.039	110.3	0.023	66.9	0.014	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Other Commercial Buildings	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	2857	0.086	246.3	0.055	157.1	0.031	89.1	0.019	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Other Commercial Buildings	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	7884	0.065	512.5	0.032	252.3	0.033	260.2	0.054	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Other Commercial Buildings	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	7884	0.062	488.8	0.031	244.4	0.031	244.4	0.051	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Other Commercial Buildings	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	7884	0.086	679.6	0.042	331.1	0.044	348.5	0.072	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Other Commercial Buildings	LED HIGH BAY FIXTURE	< 139W ≥ 8900 Lumens	250W Probe Start Metal Halide	2857	0.295	842.8	0.139	397.1	0.156	445.7	0.093	25	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$193.25
Business	Retrofit	Lighting - Other Commercial Buildings	LED HIGH BAY FIXTURE	< 175W ≥ 15,000 Lumens	400W Probe Start Metal Halide	2857	0.458	1,308.5	0.175	500.0	0.283	808.5	0.168	25	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$133.25
Business	Retrofit	Lighting - Other Commercial Buildings	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	2857	0.0165	47.1	0.0094	26.9	0.007	20.3	0.004	15	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Commercial Buildings	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	2857	0.020	57.1	0.012	34.3	0.008	22.9	0.005	15	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Commercial Buildings	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	2857	0.025	71.4	0.0153	43.7	0.010	27.7	0.006	15	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Other Commercial Buildings	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	2857	0.028	80.0	0.006	17.1	0.022	62.9	0.013	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Other Commercial Buildings	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	2857	0.037	105.7	0.008	21.4	0.030	84.3	0.018	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$15.50

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Other Commercial Buildings	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 800 Lumens	38W - 43W Halogen or Incandescent Lamp	2857	0.041	117.1	0.011	31.4	0.030	85.7	0.018	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Commercial Buildings	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	2857	0.052	148.6	0.013	37.1	0.039	111.4	0.023	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Commercial Buildings	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	2857	0.070	200.0	0.018	50.0	0.053	150.0	0.031	9	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Other Commercial Buildings	LED TUBE RE-LAMP	≤ 15W ≥ 1500 Lumens	Single-lamp 25W T8	7884	0.025	197.1	0.015	118.3	0.010	78.8	0.016	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Commercial Buildings	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	7884	0.032	252.3	0.022	173.4	0.010	78.8	0.016	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Commercial Buildings	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	2857	0.200	571.4	0.2000	571.4	0.000	171.4	0.036	11	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Other Commercial Buildings	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	2857	0.300	857.1	0.3000	857.1	0.000	351.4	0.073	11	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Commercial Buildings	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	2857	0.030	85.7	0.0300	85.7	0.000	35.1	0.007	11	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Other Commercial Buildings	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures ≥ 100W	No Occupancy Sensor	2857	0.150	571.4	0.1500	428.6	0.000	175.7	0.037	11	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Commercial Buildings	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	2857	0.016	45.7	0.0117	33.4	0.004	12.3	0.003	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Other Commercial Buildings	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	2857	0.450	1,285.7	0.224	640.0	0.226	645.7	0.134	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$35.00
Business	Retrofit	Lighting - Other Commercial Buildings	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	2857	0.590	1,685.6	0.351	1,002.8	0.239	682.8	0.142	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$10.00
Business	Retrofit	Lighting - Other Commercial Buildings	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250 W Probe Start Metal Halide	2857	0.885	2,528.4	0.448	1,279.9	0.437	1,248.5	0.260	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$50.00
Business	Retrofit	Lighting - Other Commercial Buildings	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	2857	1.075	3,071.3	0.560	1,599.9	0.515	1,471.4	0.306	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$50.00
Business	Retrofit	Lighting - Other Commercial Buildings	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	2857	1.350	3,857.0	0.672	1,919.9	0.678	1,937.0	0.403	18	PSP-Business-Other_Commercial_Buildings-Lighting_Interior-High_Bay	\$200.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1600 Lumens	4' T5 fluorescent lamp 28W	7884	0.032	254.7	0.019	147.7	0.014	106.9	0.015	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	4' TSHO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 3200 Lumens	4' TSHO fluorescent lamp 54W	7884	0.061	483.3	0.028	220.2	0.033	263.1	0.037	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 15W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	7884	0.023	178.2	0.013	106.2	0.009	72.0	0.010	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 22W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	7884	0.029	230.2	0.018	144.7	0.011	85.5	0.012	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 43W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	7884	0.075	593.7	0.038	297.2	0.038	296.4	0.042	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	7884	0.024	189.2	0.005	39.4	0.019	149.8	0.021	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	7884	0.035	275.9	0.007	55.2	0.028	220.8	0.031	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	7884	0.012	94.6	0.0066	52.0	0.005	42.6	0.006	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	7884	0.014	110.4	0.0099	78.1	0.004	32.3	0.005	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 16W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	7884	0.023	181.3	0.0124	97.8	0.011	83.6	0.012	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	7884	0.040	315.4	0.004	33.9	0.036	281.5	0.039	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$0.81
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	7884	0.060	473.0	0.006	44.9	0.054	428.1	0.060	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$0.73
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	7884	0.033	256.2	0.0049	38.6	0.028	217.6	0.031	2	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	7884	0.065	512.5	0.039	307.5	0.026	205.0	0.029	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	7884	0.062	488.8	0.039	304.3	0.023	184.5	0.026	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	7884	0.086	679.6	0.055	433.6	0.031	246.0	0.034	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	4089	0.065	265.8	0.032	130.8	0.033	134.9	0.019	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	4089	0.062	253.5	0.031	126.8	0.031	126.8	0.018	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	4089	0.086	352.5	0.042	171.7	0.044	180.7	0.025	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	7884	0.0165	130.1	0.0094	74.1	0.007	56.0	0.008	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	7884	0.020	157.7	0.012	94.6	0.008	63.1	0.009	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	7884	0.025	197.1	0.0153	120.6	0.010	76.5	0.011	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	7884	0.028	220.8	0.006	47.3	0.022	173.4	0.024	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	7884	0.037	291.7	0.008	59.1	0.030	232.6	0.033	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	7884	0.041	323.2	0.011	86.7	0.030	236.5	0.033	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	7884	0.052	410.0	0.013	102.5	0.039	307.5	0.043	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	7884	0.070	551.9	0.018	138.0	0.053	413.9	0.058	3	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED TUBE RE-LAMP	≤ 15W ≥ 1500 Lumens	Single-lamp 25W T8	4089	0.025	102.2	0.015	61.3	0.010	40.9	0.006	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	4089	0.032	130.8	0.022	90.0	0.010	40.9	0.006	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	7884	0.200	1,576.8	0.2000	1,576.8	0.000	473.0	0.066	4	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	7884	0.300	2,365.2	0.3000	2,365.2	0.000	969.7	0.136	4	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$85.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	7884	0.030	236.5	0.0300	236.5	0.000	97.0	0.014	4	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >= 100W	No Occupancy Sensor	7884	0.150	1,576.8	0.1500	1,182.6	0.000	484.9	0.068	4	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Hotel Motel (Corridor/Lobby)	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	>= 675 Lumens	18W G24q or GX24q Base	7884	0.016	126.1	0.0117	92.2	0.004	33.9	0.005	6	PSP-Business-Other_Hotel_Motel-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Other Non-Food Retail	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	< 28W >= 1600 Lumens	4' T5 fluorescent lamp 28W	4089	0.032	132.1	0.019	76.6	0.014	55.4	0.010	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Other Non-Food Retail	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	< 32W >= 2000 Lumens	4' T5HO fluorescent lamp 54W	4089	0.061	250.7	0.028	114.2	0.033	136.4	0.025	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Other Non-Food Retail	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	< 15W >= 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	4089	0.023	92.4	0.013	55.1	0.009	37.3	0.007	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Other Non-Food Retail	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	< 22W >= 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	4089	0.029	119.4	0.018	75.0	0.011	44.4	0.008	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Other Non-Food Retail	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	< 43W >= 3200 Lumens	59W 8' T8 w/ electronic ballast	4089	0.075	307.9	0.038	154.2	0.038	153.7	0.029	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	< 5W >= 250 Lumens	Average of 7W CFL & 40W Incandescent	4089	0.024	98.1	0.005	20.4	0.019	77.7	0.014	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	< 8W >= 400 Lumens	Average of 9W CFL & 60W Incandescent	4089	0.035	143.1	0.007	28.6	0.028	114.5	0.021	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	< 10W >= 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	4089	0.012	49.1	0.0066	27.0	0.005	22.1	0.004	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	< 12W >= 800 Lumens	13W - 20W CFL (50W - 75W Equivalent)	4089	0.014	57.2	0.0099	40.5	0.004	16.8	0.003	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	< 15W >= 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	4089	0.023	94.0	0.0124	50.7	0.011	43.3	0.008	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR® QUALIFIED FILAMENT LAMP	< 7W >= 250 Lumens	40W Incandescent filament lamp	4089	0.040	163.6	0.004	17.6	0.036	146.0	0.027	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$0.81
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR® QUALIFIED FILAMENT LAMP	< 9W >= 300 Lumens	60W Incandescent filament lamp	4089	0.060	245.3	0.006	23.3	0.054	222.0	0.041	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$0.73
Business	Retrofit	Lighting - Other Non-Food Retail	ENERGY STAR® QUALIFIED GLOBE LAMP	< 6W >= 250 Lumens	40W Incandescent/25W halogen globe lamp	4089	0.033	132.9	0.0049	20.0	0.028	112.9	0.021	4	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Other Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	4089	0.295	1,206.3	0.137	560.2	0.158	646.1	0.120	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$100.00
Business	Retrofit	Lighting - Other Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	4089	0.450	1,840.1	0.216	883.2	0.234	956.8	0.178	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$110.00
Business	Retrofit	Lighting - Other Non-Food Retail	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	4089	0.590	2,412.5	0.288	1,177.6	0.302	1,234.9	0.230	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$90.00
Business	Retrofit	Lighting - Other Non-Food Retail	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (>= 2000 Lumens)	U-bend 32W - 2 lamp T8	4089	0.065	265.8	0.039	159.5	0.026	106.3	0.020	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Other Non-Food Retail	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (>= 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	4089	0.062	253.5	0.039	157.8	0.023	95.7	0.018	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Other Non-Food Retail	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (>= 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	4089	0.086	352.5	0.055	224.9	0.031	127.6	0.024	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Other Non-Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (>= 2000 Lumens)	U-bend 32W - 2 lamp T8	4089	0.065	265.8	0.032	130.8	0.033	134.9	0.025	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Other Non-Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (>= 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	4089	0.062	253.5	0.031	126.8	0.031	126.8	0.024	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Other Non-Food Retail	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (>= 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	4089	0.086	352.5	0.042	171.7	0.044	180.7	0.034	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Other Non-Food Retail	LED HIGH BAY FIXTURE	< 139W >= 8900 Lumens	250W Probe Start Metal Halide	4089	0.295	1,206.3	0.139	568.4	0.156	637.9	0.119	17	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$193.25
Business	Retrofit	Lighting - Other Non-Food Retail	LED HIGH BAY FIXTURE	< 175W >= 15,000 Lumens	400W Probe Start Metal Halide	4089	0.458	1,872.8	0.175	715.6	0.283	1,157.2	0.216	17	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$133.25
Business	Retrofit	Lighting - Other Non-Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output >= 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	4089	0.0165	67.5	0.0094	38.4	0.007	29.0	0.005	11	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output >= 600 and < 800 Lumens	ENERGY STAR® 20W CFL	4089	0.020	81.8	0.012	49.1	0.008	32.7	0.006	11	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output >= 800 Lumens	ENERGY STAR® 25W CFL	4089	0.025	102.2	0.0153	62.6	0.010	39.7	0.007	11	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 7W >= 250 Lumens	20W - 35W Halogen or Incandescent Lamp	4089	0.028	114.5	0.006	24.5	0.022	90.0	0.017	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 14W >= 400 Lumens	35W - 38W Halogen or Incandescent Lamp	4089	0.037	151.3	0.008	30.7	0.030	120.6	0.022	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 16W >= 600 Lumens	38W - 43W Halogen or Incandescent Lamp	4089	0.041	167.6	0.011	45.0	0.030	122.7	0.023	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 20W >= 800 Lumens	43W - 60W Halogen or Incandescent Lamp	4089	0.052	212.6	0.013	53.2	0.039	159.5	0.030	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Non-Food Retail	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	< 30W >= 1,100 Lumens	60W - 80W Halogen or Incandescent Lamp	4089	0.070	286.2	0.018	71.6	0.053	214.7	0.040	6	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Other Non-Food Retail	LED TUBE RE-LAMP	< 15W >= 1500 Lumens	Single-lamp 25W T8	4089	0.025	102.2	0.015	61.3	0.010	40.9	0.008	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Non-Food Retail	LED TUBE RE-LAMP	< 22W >= 2100 Lumens	Single-lamp 32W T8	4089	0.032	130.8	0.022	90.0	0.010	40.9	0.008	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Non-Food Retail	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	4089	0.200	817.8	0.2000	817.8	0.000	245.3	0.046	8	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Other Non-Food Retail	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	4089	0.300	1,226.7	0.3000	1,226.7	0.000	502.9	0.094	8	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Non-Food Retail	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	4089	0.030	122.7	0.0300	122.7	0.000	50.3	0.009	8	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Other Non-Food Retail	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >= 100W	No Occupancy Sensor	4089	0.150	817.8	0.1500	613.4	0.000	251.5	0.047	8	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Non-Food Retail	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	>= 675 Lumens	18W G24q or GX24q Base	4089	0.016	65.4	0.0117	47.8	0.004	17.6	0.003	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Other Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	4089	0.450	1,840.1	0.224	915.9	0.226	924.1	0.172	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$35.00
Business	Retrofit	Lighting - Other Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	4089	0.590	2,412.5	0.351	1,435.2	0.239	977.3	0.182	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$10.00
Business	Retrofit	Lighting - Other Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250 W Probe Start Metal Halide	4089	0.885	3,618.8	0.448	1,831.9	0.437	1,786.9	0.333	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$50.00
Business	Retrofit	Lighting - Other Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	4089	1.075	4,395.7	0.560	2,289.8	0.515	2,105.8	0.392	12	PSP-Business-Other_Non_Food_Retail-Lighting_Interior_High_Bay	\$50.00

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Other Non-Food Retail	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	4089	1.350	5,520.2	0.672	2,747.8	0.678	2,772.3	0.516	12	PSP-Business-Other_Office-Lighting_Interior-General	\$200.00
Business	Retrofit	Lighting - Other Office	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	$\leq 28W$ >math>\ge 1600</math> Lumens	4' T5 fluorescent lamp 28W	3610	0.032	116.6	0.019	67.7	0.014	49.0	0.009	14	PSP-Business-Other_Office-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Other Office	4' TSHO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	$\le 32W$ >math>\ge 3200</math> Lumens	4' TSHO fluorescent lamp 54W	3610	0.061	221.3	0.028	100.8	0.033	120.5	0.022	14	PSP-Business-Other_Office-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Other Office	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	$\le 15W$ >math>\ge 1500</math> Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	3610	0.023	81.6	0.013	48.6	0.009	33.0	0.006	14	PSP-Business-Other_Office-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Other Office	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	$\le 22W$ >math>\ge 2100</math> Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	3610	0.029	105.4	0.018	66.2	0.011	39.2	0.007	14	PSP-Business-Other_Office-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Other Office	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	$\le 43W$ >math>\ge 3200</math> Lumens	59W 8' T8 w/ electronic ballast	3610	0.075	271.8	0.038	136.1	0.038	135.7	0.025	14	PSP-Business-Other_Office-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Other Office	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	$\le 5W$ >math>\ge 250</math> Lumens	Average of 7W CFL & 40W Incandescent	3610	0.024	86.6	0.005	18.1	0.019	68.6	0.013	7	PSP-Business-Other_Office-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Other Office	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	$\le 8W$ >math>\ge 400</math> Lumens	Average of 9W CFL & 60W Incandescent	3610	0.035	126.4	0.007	25.3	0.028	101.1	0.019	7	PSP-Business-Other_Office-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Other Office	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	$\le 10W$ >math>\ge 450</math> Lumens	7W - 16W CFL (40W - 60W Equivalent)	3610	0.012	43.3	0.0066	23.8	0.005	19.5	0.004	7	PSP-Business-Other_Office-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Other Office	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	$\le 12W$ >math>\ge 800</math> Lumens	13W - 20W CFL (60W - 75W Equivalent)	3610	0.014	50.5	0.0099	35.7	0.004	14.8	0.003	7	PSP-Business-Other_Office-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Other Office	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	$\le 16W$ >math>\ge 1200</math> Lumens	21W - 33W CFL (100W - 120W Equivalent)	3610	0.023	83.0	0.0124	44.8	0.011	38.3	0.007	7	PSP-Business-Other_Office-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Other Office	ENERGY STAR® QUALIFIED FILAMENT LAMP	$\le 7W$ >math>\ge 250</math> Lumens	40W Incandescent filament lamp	3610	0.040	144.4	0.004	15.5	0.036	128.9	0.024	7	PSP-Business-Other_Office-Lighting_Interior-General	-\$0.81
Business	Retrofit	Lighting - Other Office	ENERGY STAR® QUALIFIED FILAMENT LAMP	$\le 9W$ >math>\ge 500</math> Lumens	60W Incandescent filament lamp	3610	0.060	216.6	0.006	20.6	0.054	196.0	0.037	7	PSP-Business-Other_Office-Lighting_Interior-General	-\$0.73
Business	Retrofit	Lighting - Other Office	ENERGY STAR® QUALIFIED GLOBE LAMP	$\le 6W$ >math>\ge 250</math> Lumens	40W Incandescent/25W halogen globe lamp	3610	0.033	117.3	0.0049	17.7	0.028	99.6	0.019	5	PSP-Business-Other_Office-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Other Office	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (>math>\ge 2000</math> Lumens)	U-bend 32W - 2 lamp T8	3610	0.065	234.7	0.039	140.8	0.026	93.9	0.017	14	PSP-Business-Other_Office-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Other Office	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (>math>\ge 1500</math> Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3610	0.062	223.8	0.039	139.3	0.023	84.5	0.016	14	PSP-Business-Other_Office-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Other Office	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (>math>\ge 3000</math> Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3610	0.086	311.2	0.055	198.6	0.031	112.6	0.021	14	PSP-Business-Other_Office-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Other Office	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (>math>\ge 2000</math> Lumens)	U-bend 32W - 2 lamp T8	3610	0.065	234.7	0.032	115.5	0.033	119.1	0.022	14	PSP-Business-Other_Office-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Other Office	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (>math>\ge 1500</math> Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3610	0.062	223.8	0.031	111.9	0.031	111.9	0.021	14	PSP-Business-Other_Office-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Other Office	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (>math>\ge 3000</math> Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3610	0.086	311.2	0.042	151.6	0.044	159.6	0.030	14	PSP-Business-Other_Office-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Other Office	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output >math>\ge 400</math> and <math>< 600</math> Lumens	ENERGY STAR® 15W or 18W CFL	3610	0.0165	59.6	0.0094	33.9	0.007	25.6	0.005	12	PSP-Business-Other_Office-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Office	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output >math>\ge 600</math> and <math>< 800</math> Lumens	ENERGY STAR® 20W CFL	3610	0.020	72.2	0.012	43.3	0.008	28.9	0.005	12	PSP-Business-Other_Office-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Other Office	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output >math>\ge 800</math> Lumens	ENERGY STAR® 25W CFL	3610	0.025	90.3	0.0153	55.2	0.010	35.0	0.007	12	PSP-Business-Other_Office-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - Other Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	$\le 7W$ >math>\ge 250</math> Lumens	20W - 35W Halogen or Incandescent Lamp	3610	0.028	101.1	0.006	21.7	0.022	79.4	0.015	7	PSP-Business-Other_Office-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Other Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	$\le 14W$ >math>\ge 400</math> Lumens	35W - 38W Halogen or Incandescent Lamp	3610	0.037	133.6	0.008	27.1	0.030	106.5	0.020	7	PSP-Business-Other_Office-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Other Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	$\le 16W$ >math>\ge 600</math> Lumens	38W - 43W Halogen or Incandescent Lamp	3610	0.041	148.0	0.011	39.7	0.030	108.3	0.020	7	PSP-Business-Other_Office-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	$\le 20W$ >math>\ge 800</math> Lumens	43W - 60W Halogen or Incandescent Lamp	3610	0.052	187.7	0.013	46.9	0.039	140.8	0.026	7	PSP-Business-Other_Office-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Other Office	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	$\le 30W$ >math>\ge 1100</math> Lumens	60W - 80W Halogen or Incandescent Lamp	3610	0.070	252.7	0.018	63.2	0.053	189.5	0.035	7	PSP-Business-Other_Office-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Other Office	LED TUBE RE-LAMP	$\le 15W$ >math>\ge 1500</math> Lumens	Single-lamp 32W T8	3610	0.025	90.3	0.015	54.2	0.010	36.1	0.007	14	PSP-Business-Other_Office-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Office	LED TUBE RE-LAMP	$\le 22W$ >math>\ge 2100</math> Lumens	Single-lamp 32W T8	3610	0.032	115.5	0.022	79.4	0.010	36.1	0.007	14	PSP-Business-Other_Office-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Other Office	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	3610	0.200	722.0	0.2000	722.0	0.000	216.6	0.040	9	PSP-Business-Other_Office-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Other Office	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	3610	0.300	1,083.0	0.3000	1,083.0	0.000	444.0	0.083	9	PSP-Business-Other_Office-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Office	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures <math>< 100W</math>	No Occupancy Sensor	3610	0.030	108.3	0.0300	108.3	0.000	44.4	0.008	9	PSP-Business-Other_Office-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Other Office	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >math>= 100W	No Occupancy Sensor	3610	0.150	722.0	0.1500	541.5	0.000	222.0	0.041	9	PSP-Business-Other_Office-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Other Office	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	>math>\ge 675</math> Lumens	18W G24q or GX24q Base	3610	0.016	57.8	0.0117	42.2	0.004	15.5	0.003	14	PSP-Business-Other_Office-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Restaurant	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	$\le 28W$ >math>\ge 1600</math> Lumens	4' T5 fluorescent lamp 28W	5110	0.032	165.1	0.019	95.8	0.014	69.3	0.011	10	PSP-Business-Restaurant-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Restaurant	4' TSHO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	$\le 32W$ >math>\ge 3200</math> Lumens	4' TSHO fluorescent lamp 54W	5110	0.061	313.2	0.028	142.7	0.033	170.5	0.028	10	PSP-Business-Restaurant-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Restaurant	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	$\le 15W$ >math>\ge 1500</math> Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	5110	0.023	115.5	0.013	68.8	0.009	46.7	0.008	10	PSP-Business-Restaurant-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Restaurant	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	$\le 22W$ >math>\ge 2100</math> Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	5110	0.029	149.2	0.018	93.8	0.011	55.4	0.009	10	PSP-Business-Restaurant-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Restaurant	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	$\le 43W$ >math>\ge 3200</math> Lumens	59W 8' T8 w/ electronic ballast	5110	0.075	384.8	0.038	192.6	0.038	192.1	0.032	10	PSP-Business-Restaurant-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Restaurant	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	$\le 5W$ >math>\ge 250</math> Lumens	Average of 7W CFL & 40W Incandescent	5110	0.024	122.6	0.005	25.6	0.019	97.1	0.016	5	PSP-Business-Restaurant-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Restaurant	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	$\le 8W$ >math>\ge 400</math> Lumens	Average of 9W CFL & 60W Incandescent	5110	0.035	178.9	0.007	35.8	0.028	143.1	0.024	5	PSP-Business-Restaurant-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Restaurant	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	$\le 10W$ >math>\ge 450</math> Lumens	7W - 16W CFL (40W - 60W Equivalent)	5110	0.012	61.3	0.0066	33.7	0.005	27.6	0.005	5	PSP-Business-Restaurant-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Restaurant	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	$\le 12W$ >math>\ge 800</math> Lumens	13W - 20W CFL (60W - 75W Equivalent)	5110	0.014	71.5	0.0099	50.6	0.004	21.0	0.003	5	PSP-Business-Restaurant-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Restaurant	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	$\le 16W$ >math>\ge 1200</math> Lumens	21W - 33W CFL (100W - 120W Equivalent)	5110	0.023	117.5	0.0124	63.4	0.011	54.2	0.009	5	PSP-Business-Restaurant-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Restaurant	ENERGY STAR® QUALIFIED FILAMENT LAMP	$\le 7W$ >math>\ge 250</math> Lumens	40W Incandescent filament lamp	5110	0.040	204.4	0.004	22.0	0.036	182.4	0.030	5	PSP-Business-Restaurant-Lighting_Interior-General	-\$0.81

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Restaurant	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 250 Lumens	60W Incandescent filament lamp	5110	0.060	306.6	0.006	29.1	0.054	277.5	0.046	5	PSP-Business-Restaurant-Lighting_Interior_General	-\$0.73
Business	Retrofit	Lighting - Restaurant	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 40W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	5110	0.033	166.1	0.0049	25.0	0.028	141.0	0.023	4	PSP-Business-Restaurant-Lighting_Interior_General	\$7.70
Business	Retrofit	Lighting - Restaurant	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	5110	0.065	332.2	0.039	199.3	0.026	132.9	0.022	10	PSP-Business-Restaurant-Lighting_Interior_General	\$70.00
Business	Retrofit	Lighting - Restaurant	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	5110	0.062	316.8	0.039	197.2	0.023	119.6	0.020	10	PSP-Business-Restaurant-Lighting_Interior_General	\$130.00
Business	Retrofit	Lighting - Restaurant	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	5110	0.086	440.5	0.055	281.1	0.031	159.4	0.026	10	PSP-Business-Restaurant-Lighting_Interior_General	\$105.00
Business	Retrofit	Lighting - Restaurant	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	5110	0.065	332.2	0.032	163.5	0.033	168.6	0.028	10	PSP-Business-Restaurant-Lighting_Interior_General	\$90.00
Business	Retrofit	Lighting - Restaurant	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	5110	0.062	316.8	0.031	158.4	0.031	158.4	0.026	10	PSP-Business-Restaurant-Lighting_Interior_General	\$135.00
Business	Retrofit	Lighting - Restaurant	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	5110	0.086	440.5	0.042	214.6	0.044	225.9	0.037	10	PSP-Business-Restaurant-Lighting_Interior_General	\$150.00
Business	Retrofit	Lighting - Restaurant	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	5110	0.0165	84.3	0.0094	48.0	0.007	36.3	0.006	9	PSP-Business-Restaurant-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Restaurant	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	5110	0.020	102.2	0.012	61.3	0.008	40.9	0.007	9	PSP-Business-Restaurant-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Restaurant	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	5110	0.025	127.8	0.0153	78.2	0.010	49.6	0.008	9	PSP-Business-Restaurant-Lighting_Interior_General	\$47.50
Business	Retrofit	Lighting - Restaurant	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	5110	0.028	143.1	0.006	30.7	0.022	112.4	0.018	5	PSP-Business-Restaurant-Lighting_Interior_General	\$7.50
Business	Retrofit	Lighting - Restaurant	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	5110	0.037	189.1	0.008	38.3	0.030	150.7	0.025	5	PSP-Business-Restaurant-Lighting_Interior_General	\$15.50
Business	Retrofit	Lighting - Restaurant	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 18W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	5110	0.041	209.5	0.011	56.2	0.030	153.3	0.025	5	PSP-Business-Restaurant-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Restaurant	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	5110	0.052	265.7	0.013	66.4	0.039	199.3	0.033	5	PSP-Business-Restaurant-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Restaurant	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	5110	0.070	357.7	0.018	89.4	0.053	268.3	0.044	5	PSP-Business-Restaurant-Lighting_Interior_General	\$25.00
Business	Retrofit	Lighting - Restaurant	LED TUBE RE-LAMP	≤ 15W ≥ 1500 Lumens	Single-lamp 25W T8	5110	0.025	127.8	0.015	76.7	0.010	51.1	0.008	10	PSP-Business-Restaurant-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Restaurant	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	5110	0.032	163.5	0.022	112.4	0.010	51.1	0.008	10	PSP-Business-Restaurant-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Restaurant	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	5110	0.200	1,022.0	0.2000	1,022.0	0.000	306.6	0.050	6	PSP-Business-Restaurant-Lighting_Interior_General	\$55.00
Business	Retrofit	Lighting - Restaurant	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	5110	0.300	1,533.0	0.3000	1,533.0	0.000	628.5	0.103	6	PSP-Business-Restaurant-Lighting_Interior_General	\$85.00
Business	Retrofit	Lighting - Restaurant	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	5110	0.030	153.3	0.0300	153.3	0.000	62.9	0.010	6	PSP-Business-Restaurant-Lighting_Interior_General	\$12.09
Business	Retrofit	Lighting - Restaurant	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures ≥ 100W	No Occupancy Sensor	5110	0.150	1,022.0	0.1500	766.5	0.000	314.3	0.052	6	PSP-Business-Restaurant-Lighting_Interior_General	\$85.00
Business	Retrofit	Lighting - Restaurant	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	5110	0.016	81.8	0.0117	59.8	0.004	22.0	0.004	10	PSP-Business-Restaurant-Lighting_Interior_General	\$7.65
Business	Retrofit	Lighting - Schools	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1800 Lumens	4' T5 fluorescent lamp 28W	2596	0.032	83.9	0.019	48.6	0.014	35.2	0.008	19	PSP-Business-Schools-Lighting_Interior_General	\$7.89
Business	Retrofit	Lighting - Schools	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 3200 Lumens	4' T5HO fluorescent lamp 34W	2596	0.061	159.1	0.028	72.5	0.033	86.6	0.019	19	PSP-Business-Schools-Lighting_Interior_General	\$6.22
Business	Retrofit	Lighting - Schools	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 15W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	2596	0.023	58.7	0.013	35.0	0.009	23.7	0.005	19	PSP-Business-Schools-Lighting_Interior_General	\$6.82
Business	Retrofit	Lighting - Schools	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 21W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	2596	0.029	75.8	0.018	47.6	0.011	28.2	0.006	19	PSP-Business-Schools-Lighting_Interior_General	\$11.18
Business	Retrofit	Lighting - Schools	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 43W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	2596	0.075	195.5	0.038	97.9	0.038	97.6	0.022	19	PSP-Business-Schools-Lighting_Interior_General	\$10.88
Business	Retrofit	Lighting - Schools	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	2596	0.024	62.3	0.005	13.0	0.019	49.3	0.011	10	PSP-Business-Schools-Lighting_Interior_General	\$9.00
Business	Retrofit	Lighting - Schools	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	2596	0.035	90.9	0.007	18.2	0.028	72.7	0.016	10	PSP-Business-Schools-Lighting_Interior_General	\$11.00
Business	Retrofit	Lighting - Schools	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	2596	0.012	31.2	0.0066	17.1	0.005	14.0	0.003	10	PSP-Business-Schools-Lighting_Interior_General	\$4.65
Business	Retrofit	Lighting - Schools	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	2596	0.014	36.3	0.0099	25.7	0.004	10.6	0.002	10	PSP-Business-Schools-Lighting_Interior_General	\$3.53
Business	Retrofit	Lighting - Schools	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 16W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	2596	0.023	59.7	0.0124	32.2	0.011	27.5	0.006	10	PSP-Business-Schools-Lighting_Interior_General	\$9.12
Business	Retrofit	Lighting - Schools	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	2596	0.040	103.8	0.004	11.2	0.036	92.7	0.021	10	PSP-Business-Schools-Lighting_Interior_General	-\$0.81
Business	Retrofit	Lighting - Schools	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	2596	0.060	155.8	0.006	14.8	0.054	141.0	0.031	10	PSP-Business-Schools-Lighting_Interior_General	-\$0.73
Business	Retrofit	Lighting - Schools	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	2596	0.033	84.4	0.0049	12.7	0.028	71.6	0.016	7	PSP-Business-Schools-Lighting_Interior_General	\$7.70
Business	Retrofit	Lighting - Schools	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	2596	0.295	765.8	0.137	355.7	0.158	410.2	0.091	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$100.00
Business	Retrofit	Lighting - Schools	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	2596	0.450	1,168.2	0.216	560.7	0.234	607.5	0.135	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$110.00
Business	Retrofit	Lighting - Schools	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	2596	0.590	1,531.6	0.288	747.6	0.302	784.0	0.174	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$90.00
Business	Retrofit	Lighting - Schools	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	2596	0.065	168.7	0.039	101.2	0.026	67.5	0.015	19	PSP-Business-Schools-Lighting_Interior_General	\$70.00
Business	Retrofit	Lighting - Schools	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	2596	0.062	161.0	0.039	100.2	0.023	60.7	0.013	19	PSP-Business-Schools-Lighting_Interior_General	\$130.00
Business	Retrofit	Lighting - Schools	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	2596	0.086	223.8	0.055	142.8	0.031	81.0	0.018	19	PSP-Business-Schools-Lighting_Interior_General	\$105.00
Business	Retrofit	Lighting - Schools	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	2596	0.065	168.7	0.032	83.1	0.033	85.7	0.019	19	PSP-Business-Schools-Lighting_Interior_General	\$90.00
Business	Retrofit	Lighting - Schools	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	2596	0.062	161.0	0.031	80.5	0.031	80.5	0.018	19	PSP-Business-Schools-Lighting_Interior_General	\$135.00
Business	Retrofit	Lighting - Schools	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	2596	0.086	223.8	0.042	109.0	0.044	114.7	0.025	19	PSP-Business-Schools-Lighting_Interior_General	\$150.00
Business	Retrofit	Lighting - Schools	LED HIGH BAY FIXTURE	≤ 139W ≥ 8900 Lumens	250W Probe Start Metal Halide	2596	0.295	765.8	0.139	360.8	0.156	405.0	0.090	27	PSP-Business-Schools-Lighting_Interior_High_Bay	\$193.25

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Schools	LED HIGH BAY FIXTURE	≤ 175W ≥ 2,000 Lumens	400W Probe Start Metal Halide	2596	0.458	1,189.0	0.175	454.3	0.283	734.7	0.163	27	PSP-Business-Schools-Lighting_Interior_High_Bay	\$133.25
Business	Retrofit	Lighting - Schools	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	2596	0.0165	42.8	0.0094	24.4	0.007	18.4	0.004	17	PSP-Business-Schools-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Schools	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	2596	0.020	51.9	0.012	31.2	0.008	20.8	0.005	17	PSP-Business-Schools-Lighting_Interior_General	\$28.50
Business	Retrofit	Lighting - Schools	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	2596	0.025	64.9	0.0153	39.7	0.010	25.2	0.006	17	PSP-Business-Schools-Lighting_Interior_General	\$47.50
Business	Retrofit	Lighting - Schools	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	2596	0.028	72.7	0.006	15.6	0.022	57.1	0.013	10	PSP-Business-Schools-Lighting_Interior_General	\$7.50
Business	Retrofit	Lighting - Schools	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	2596	0.037	96.1	0.008	19.5	0.030	76.6	0.017	10	PSP-Business-Schools-Lighting_Interior_General	\$15.50
Business	Retrofit	Lighting - Schools	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	2596	0.041	106.4	0.011	28.6	0.030	77.9	0.017	10	PSP-Business-Schools-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Schools	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	2596	0.052	135.0	0.013	33.7	0.039	101.2	0.022	10	PSP-Business-Schools-Lighting_Interior_General	\$27.50
Business	Retrofit	Lighting - Schools	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1,100 Lumens	60W - 80W Halogen or Incandescent Lamp	2596	0.070	181.7	0.018	45.4	0.053	136.3	0.030	10	PSP-Business-Schools-Lighting_Interior_General	\$25.00
Business	Retrofit	Lighting - Schools	LED TUBE RE-LAMP	≤ 15W ≥ 1,500 Lumens	Single-lamp 25W T8	2596	0.025	64.9	0.015	38.9	0.010	26.0	0.006	19	PSP-Business-Schools-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Schools	LED TUBE RE-LAMP	≤ 22W ≥ 2,100 Lumens	Single-lamp 32W T8	2596	0.032	83.1	0.022	57.1	0.010	26.0	0.006	19	PSP-Business-Schools-Lighting_Interior_General	\$26.88
Business	Retrofit	Lighting - Schools	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	2596	0.200	519.2	0.2000	519.2	0.000	155.8	0.035	12	PSP-Business-Schools-Lighting_Interior_General	\$55.00
Business	Retrofit	Lighting - Schools	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	2596	0.300	778.8	0.3000	778.8	0.000	319.3	0.071	12	PSP-Business-Schools-Lighting_Interior_General	\$85.00
Business	Retrofit	Lighting - Schools	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	2596	0.030	77.9	0.0300	77.9	0.000	31.9	0.007	12	PSP-Business-Schools-Lighting_Interior_General	\$12.09
Business	Retrofit	Lighting - Schools	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures > 100W	No Occupancy Sensor	2596	0.150	519.2	0.1500	389.4	0.000	159.7	0.035	12	PSP-Business-Schools-Lighting_Interior_General	\$85.00
Business	Retrofit	Lighting - Schools	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	2596	0.016	41.5	0.0117	30.4	0.004	11.2	0.002	19	PSP-Business-Schools-Lighting_Interior_General	\$7.65
Business	Retrofit	Lighting - Schools	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	2596	0.450	1,168.2	0.224	581.5	0.226	586.7	0.130	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$35.00
Business	Retrofit	Lighting - Schools	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	2596	0.590	1,531.6	0.351	911.2	0.239	620.4	0.138	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$10.00
Business	Retrofit	Lighting - Schools	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250 W Probe Start Metal Halide	2596	0.885	2,297.5	0.448	1,163.0	0.437	1,134.5	0.252	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$50.00
Business	Retrofit	Lighting - Schools	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	2596	1.075	2,790.7	0.560	1,453.8	0.515	1,336.9	0.297	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$50.00
Business	Retrofit	Lighting - Schools	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	2596	1.350	3,504.6	0.672	1,744.5	0.678	1,760.1	0.391	19	PSP-Business-Schools-Lighting_Interior_High_Bay	\$200.00
Business	Retrofit	Lighting - University Colleges	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1,600 Lumens	4' T5 fluorescent lamp 28W	3255	0.032	105.1	0.019	61.0	0.014	44.1	0.008	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$7.89
Business	Retrofit	Lighting - University Colleges	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 3,200 Lumens	4' T5HO fluorescent lamp 54W	3255	0.061	199.5	0.028	90.9	0.033	108.6	0.020	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$6.22
Business	Retrofit	Lighting - University Colleges	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 15W ≥ 1,500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	3255	0.023	73.6	0.013	43.8	0.009	29.7	0.005	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$6.82
Business	Retrofit	Lighting - University Colleges	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B & C)	≤ 22W ≥ 2,100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	3255	0.029	95.0	0.018	59.7	0.011	35.3	0.006	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$11.18
Business	Retrofit	Lighting - University Colleges	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 43W ≥ 3,200 Lumens	59W 8' T8 w/ electronic ballast	3255	0.075	245.1	0.038	122.7	0.038	122.4	0.022	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$10.88
Business	Retrofit	Lighting - University Colleges	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	3255	0.024	78.1	0.005	16.3	0.019	61.8	0.011	8	PSP-Business-University_Colleges-Lighting_Interior_General	\$9.00
Business	Retrofit	Lighting - University Colleges	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	3255	0.035	113.9	0.007	22.8	0.028	91.1	0.017	8	PSP-Business-University_Colleges-Lighting_Interior_General	\$11.00
Business	Retrofit	Lighting - University Colleges	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	3255	0.012	39.1	0.0066	21.5	0.005	17.6	0.003	8	PSP-Business-University_Colleges-Lighting_Interior_General	\$4.65
Business	Retrofit	Lighting - University Colleges	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	3255	0.014	45.6	0.0099	32.2	0.004	13.3	0.002	8	PSP-Business-University_Colleges-Lighting_Interior_General	\$3.53
Business	Retrofit	Lighting - University Colleges	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 16W ≥ 1,200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	3255	0.023	74.9	0.0124	40.4	0.011	34.5	0.006	8	PSP-Business-University_Colleges-Lighting_Interior_General	\$9.12
Business	Retrofit	Lighting - University Colleges	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W Incandescent filament lamp	3255	0.040	130.2	0.004	14.0	0.036	116.2	0.021	8	PSP-Business-University_Colleges-Lighting_Interior_General	-\$0.81
Business	Retrofit	Lighting - University Colleges	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W Incandescent filament lamp	3255	0.060	195.3	0.006	18.6	0.054	176.7	0.032	8	PSP-Business-University_Colleges-Lighting_Interior_General	-\$0.73
Business	Retrofit	Lighting - University Colleges	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W Incandescent/25W halogen globe lamp	3255	0.033	105.8	0.0049	15.9	0.028	89.8	0.016	6	PSP-Business-University_Colleges-Lighting_Interior_General	\$7.70
Business	Retrofit	Lighting - University Colleges	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	3255	0.295	960.2	0.137	445.9	0.158	514.3	0.094	15	PSP-Business-University_Colleges-Lighting_Interior_High_Bay	\$100.00
Business	Retrofit	Lighting - University Colleges	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	3255	0.450	1,464.8	0.216	703.1	0.234	761.7	0.139	15	PSP-Business-University_Colleges-Lighting_Interior_High_Bay	\$110.00
Business	Retrofit	Lighting - University Colleges	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	3255	0.590	1,920.5	0.288	937.4	0.302	983.0	0.179	15	PSP-Business-University_Colleges-Lighting_Interior_High_Bay	\$90.00
Business	Retrofit	Lighting - University Colleges	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	3255	0.065	211.6	0.039	126.9	0.026	84.6	0.015	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$70.00
Business	Retrofit	Lighting - University Colleges	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3255	0.062	201.8	0.039	125.6	0.023	76.2	0.014	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$130.00
Business	Retrofit	Lighting - University Colleges	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3255	0.086	280.6	0.055	179.0	0.031	101.6	0.019	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$105.00
Business	Retrofit	Lighting - University Colleges	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	3255	0.065	211.6	0.032	104.2	0.033	107.4	0.020	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$90.00
Business	Retrofit	Lighting - University Colleges	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3255	0.062	201.8	0.031	100.9	0.031	100.9	0.018	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$135.00
Business	Retrofit	Lighting - University Colleges	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3255	0.086	280.6	0.042	136.7	0.044	143.9	0.026	15	PSP-Business-University_Colleges-Lighting_Interior_General	\$150.00
Business	Retrofit	Lighting - University Colleges	LED HIGH BAY FIXTURE	≤ 130W ≥ 8,900 Lumens	250W Probe Start Metal Halide	3255	0.295	960.2	0.139	452.4	0.156	507.8	0.093	22	PSP-Business-University_Colleges-Lighting_Interior_High_Bay	\$193.25
Business	Retrofit	Lighting - University Colleges	LED HIGH BAY FIXTURE	≤ 175W ≥ 15,000 Lumens	400W Probe Start Metal Halide	3255	0.458	1,490.8	0.175	569.6	0.283	921.2	0.168	22	PSP-Business-University_Colleges-Lighting_Interior_High_Bay	\$133.25
Business	Retrofit	Lighting - University Colleges	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	3255	0.0165	53.7	0.0094	30.6	0.007	23.1	0.004	14	PSP-Business-University_Colleges-Lighting_Interior_General	\$28.50

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - University Colleges	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	3255	0.020	65.1	0.012	0.012	0.008	26.0	0.005	14	PSP-Business-University_Colleges-Lighting_Interior-General	\$26.50
Business	Retrofit	Lighting - University Colleges	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	3255	0.025	81.4	0.0153	49.8	0.010	31.6	0.006	14	PSP-Business-University_Colleges-Lighting_Interior-General	\$47.50
Business	Retrofit	Lighting - University Colleges	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	3255	0.028	91.1	0.006	19.5	0.022	71.6	0.013	8	PSP-Business-University_Colleges-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - University Colleges	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	3255	0.037	120.4	0.008	24.4	0.030	96.0	0.018	8	PSP-Business-University_Colleges-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - University Colleges	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 16W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	3255	0.041	133.5	0.011	35.8	0.030	97.7	0.018	8	PSP-Business-University_Colleges-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - University Colleges	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	3255	0.052	169.3	0.013	42.3	0.039	126.9	0.023	8	PSP-Business-University_Colleges-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - University Colleges	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	3255	0.070	227.9	0.018	57.0	0.053	170.9	0.031	8	PSP-Business-University_Colleges-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - University Colleges	LED TUBE RE-LAMP	≤ 15W ≥ 1500 Lumens	Single-lamp 25W T8	3255	0.025	81.4	0.015	48.8	0.010	32.6	0.006	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - University Colleges	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	3255	0.032	104.2	0.022	71.6	0.010	32.6	0.006	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - University Colleges	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	3255	0.200	651.0	0.2000	651.0	0.000	195.3	0.036	10	PSP-Business-University_Colleges-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - University Colleges	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	3255	0.300	976.5	0.3000	976.5	0.000	400.4	0.073	10	PSP-Business-University_Colleges-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - University Colleges	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	3255	0.030	97.7	0.0300	97.7	0.000	40.0	0.007	10	PSP-Business-University_Colleges-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - University Colleges	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures >= 100W	No Occupancy Sensor	3255	0.150	651.0	0.1500	488.3	0.000	200.2	0.037	10	PSP-Business-University_Colleges-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - University Colleges	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≥ 675 Lumens	18W G24q or GX24q Base	3255	0.016	52.1	0.0117	38.1	0.004	14.0	0.003	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - University Colleges	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	3255	0.450	1,464.8	0.224	729.1	0.226	735.6	0.134	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$35.00
Business	Retrofit	Lighting - University Colleges	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	3255	0.590	1,920.5	0.351	1,142.5	0.239	777.9	0.142	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$10.00
Business	Retrofit	Lighting - University Colleges	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250 W Probe Start Metal Halide	3255	0.885	2,880.7	0.448	1,458.2	0.437	1,422.4	0.260	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$50.00
Business	Retrofit	Lighting - University Colleges	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	3255	1.075	3,499.1	0.560	1,822.8	0.515	1,676.3	0.306	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$50.00
Business	Retrofit	Lighting - University Colleges	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	3255	1.350	4,394.3	0.672	2,187.4	0.678	2,206.9	0.403	15	PSP-Business-University_Colleges-Lighting_Interior-General	\$200.00
Business	Retrofit	Lighting - Warehouse Wholesale	4' T5 LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 28W ≥ 1600 Lumens	4' T5 fluorescent lamp 28W	3759	0.032	121.4	0.019	70.4	0.014	51.0	0.012	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$7.89
Business	Retrofit	Lighting - Warehouse Wholesale	4' T5HO LED TUBE REPLACEMENT (UL TYPE A, B, & C)	≤ 32W ≥ 2000 Lumens	4' T5HO fluorescent lamp 54W	3759	0.061	230.4	0.028	105.0	0.033	125.4	0.030	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$6.22
Business	Retrofit	Lighting - Warehouse Wholesale	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 15W ≥ 1500 Lumens	4' T8 fluorescent lamp 25W Electronic Ballast	3759	0.023	85.0	0.013	50.6	0.009	34.3	0.008	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$6.82
Business	Retrofit	Lighting - Warehouse Wholesale	4' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 22W ≥ 2100 Lumens	4' T8 fluorescent lamp 32W Electronic Ballast	3759	0.029	109.8	0.018	69.0	0.011	40.8	0.010	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$11.18
Business	Retrofit	Lighting - Warehouse Wholesale	8' T8 LED TUBE RETROFIT KIT (UL TYPE A, B, & C)	≤ 43W ≥ 3200 Lumens	59W 8' T8 w/ electronic ballast	3759	0.075	283.1	0.038	141.7	0.038	141.3	0.034	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$10.88
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 5W ≥ 250 Lumens	Average of 7W CFL & 40W Incandescent	3759	0.024	90.2	0.005	18.8	0.019	71.4	0.017	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$9.00
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR LED DECORATIVE BLUB (E12 CANDELABRA BASE)	≤ 8W ≥ 400 Lumens	Average of 9W CFL & 60W Incandescent	3759	0.035	131.6	0.007	26.3	0.028	105.3	0.025	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$11.00
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 10W ≥ 450 Lumens	7W - 16W CFL (40W - 60W Equivalent)	3759	0.012	45.1	0.0066	24.8	0.005	20.3	0.005	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$4.65
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 12W ≥ 800 Lumens	13W - 20W CFL (60W - 75W Equivalent)	3759	0.014	52.6	0.0099	37.2	0.004	15.4	0.004	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$3.53
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR® LED OMNIDIRECTIONAL A LAMPS	≤ 16W ≥ 1200 Lumens	21W - 33W CFL (100W - 120W Equivalent)	3759	0.023	86.5	0.0124	46.6	0.011	39.8	0.010	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$9.12
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 7W ≥ 250 Lumens	40W incandescent filament lamp	3759	0.040	150.4	0.004	16.2	0.036	134.2	0.032	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$0.81
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR® QUALIFIED FILAMENT LAMP	≤ 9W ≥ 500 Lumens	60W incandescent filament lamp	3759	0.060	225.5	0.006	21.4	0.054	204.1	0.049	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$0.73
Business	Retrofit	Lighting - Warehouse Wholesale	ENERGY STAR® QUALIFIED GLOBE LAMP	≤ 6W ≥ 250 Lumens	40W incandescent/25W halogen globe lamp	3759	0.033	122.2	0.0049	18.4	0.028	103.7	0.025	5	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$7.70
Business	Retrofit	Lighting - Warehouse Wholesale	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Four-lamp High Performance T-8 fixtures (32W)	250W Metal Halide	3759	0.295	1,108.9	0.137	515.0	0.158	593.9	0.143	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$100.00
Business	Retrofit	Lighting - Warehouse Wholesale	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Six-lamp High Performance T-8 fixtures (32W)	400W Metal Halide	3759	0.450	1,691.6	0.216	811.9	0.234	879.6	0.211	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$110.00
Business	Retrofit	Lighting - Warehouse Wholesale	HIGH PERFORMANCE MEDIUM BAY T8 FIXTURES	Eight-lamp High Performance T-8 fixtures (32W)	2 x 250W Metal Halide	3759	0.590	2,217.8	0.288	1,082.6	0.302	1,135.2	0.273	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Warehouse Wholesale	INTEGRAL LED FIXTURE	2' x 2' LED troffer / 2' LED linear ambient fixture (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	3759	0.065	244.3	0.039	146.6	0.026	97.7	0.023	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$70.00
Business	Retrofit	Lighting - Warehouse Wholesale	INTEGRAL LED FIXTURE	1' x 4' LED troffer / 4' LED linear ambient fixture (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3759	0.062	233.1	0.039	145.1	0.023	88.0	0.021	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$130.00
Business	Retrofit	Lighting - Warehouse Wholesale	INTEGRAL LED FIXTURE	2' x 4' LED troffer / 4' LED linear ambient fixture (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3759	0.086	324.0	0.055	206.7	0.031	117.3	0.028	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$105.00
Business	Retrofit	Lighting - Warehouse Wholesale	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 2' LED troffer / 2' linear ambient retrofit kit (≥ 2000 Lumens)	U-bend 32W - 2 lamp T8	3759	0.065	244.3	0.032	120.3	0.033	124.0	0.030	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$90.00
Business	Retrofit	Lighting - Warehouse Wholesale	INTEGRAL LED FIXTURE RETROFIT KIT	1' x 4' LED troffer / 4' LED linear ambient retrofit kit (≥ 1500 Lumens)	Two-lamp Std. T8 fixtures (4' 32W)	3759	0.062	233.1	0.031	116.5	0.031	116.5	0.028	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$135.00
Business	Retrofit	Lighting - Warehouse Wholesale	INTEGRAL LED FIXTURE RETROFIT KIT	2' x 4' LED troffer / 4' linear ambient retrofit kit (≥ 3000 Lumens)	Three-lamp Std. T8 fixtures (4' 32W)	3759	0.086	324.0	0.042	157.9	0.044	166.1	0.040	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$150.00
Business	Retrofit	Lighting - Warehouse Wholesale	LED HIGH BAY FIXTURE	≤ 139W ≥ 8900 Lumens	250W Probe Start Metal Halide	3759	0.295	1,108.9	0.139	522.5	0.156	586.4	0.141	19	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$193.25
Business	Retrofit	Lighting - Warehouse Wholesale	LED HIGH BAY FIXTURE	≤ 175W ≥ 15,000 Lumens	400W Probe Start Metal Halide	3759	0.458	1,721.6	0.175	657.8	0.283	1,063.8	0.255	19	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$133.25
Business	Retrofit	Lighting - Warehouse Wholesale	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 400 and < 600 Lumens	ENERGY STAR® 15W or 18W CFL	3759	0.0165	62.0	0.0094	35.3	0.007	26.7	0.006	12	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Warehouse Wholesale	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 600 and < 800 Lumens	ENERGY STAR® 20W CFL	3759	0.020	75.2	0.012	45.1	0.008	30.1	0.007	12	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$28.50
Business	Retrofit	Lighting - Warehouse Wholesale	LED RECESSED DOWNLIGHTS	LED Downlight with Light Output ≥ 800 Lumens	ENERGY STAR® 25W CFL	3759	0.025	94.0	0.0153	57.5	0.010	36.5	0.009	12	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$47.50

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Lighting - Warehouse Wholesale	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 7W ≥ 250 Lumens	20W - 35W Halogen or Incandescent Lamp	3759	0.028	105.3	0.006	22.6	0.022	82.7	0.020	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$7.50
Business	Retrofit	Lighting - Warehouse Wholesale	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 14W ≥ 400 Lumens	35W - 38W Halogen or Incandescent Lamp	3759	0.037	139.1	0.008	28.2	0.030	110.9	0.027	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$15.50
Business	Retrofit	Lighting - Warehouse Wholesale	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 18W ≥ 600 Lumens	38W - 43W Halogen or Incandescent Lamp	3759	0.041	154.1	0.011	41.3	0.030	112.8	0.027	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Warehouse Wholesale	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 20W ≥ 800 Lumens	43W - 60W Halogen or Incandescent Lamp	3759	0.052	195.5	0.013	48.9	0.039	146.6	0.035	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$27.50
Business	Retrofit	Lighting - Warehouse Wholesale	LED REFLECTOR (FLOOD/SPOT) LAMP PIN & SCREW BASE	≤ 30W ≥ 1100 Lumens	60W - 80W Halogen or Incandescent Lamp	3759	0.070	263.1	0.018	65.8	0.053	197.3	0.047	7	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$25.00
Business	Retrofit	Lighting - Warehouse Wholesale	LED TUBE RE-LAMP	≤ 15W ≥ 1500 Lumens	Single-lamp 25W T8	3759	0.025	94.0	0.015	56.4	0.010	37.6	0.009	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Warehouse Wholesale	LED TUBE RE-LAMP	≤ 22W ≥ 2100 Lumens	Single-lamp 32W T8	3759	0.032	120.3	0.022	82.7	0.010	37.6	0.009	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$26.88
Business	Retrofit	Lighting - Warehouse Wholesale	OCCUPANCY SENSORS	Switch Plate Mounted	No Occupancy Sensor	3759	0.200	751.8	0.2000	751.8	0.000	225.5	0.054	9	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$55.00
Business	Retrofit	Lighting - Warehouse Wholesale	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (all other) for fixtures < 100W	No Occupancy Sensor	3759	0.030	112.8	0.0300	112.8	0.000	46.2	0.011	9	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$12.09
Business	Retrofit	Lighting - Warehouse Wholesale	OCCUPANCY SENSORS	Fixture Mounted Occupancy Sensor (High Bay) for fixtures > 100W	No Occupancy Sensor	3759	0.150	751.8	0.1500	563.9	0.000	231.2	0.056	9	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Warehouse Wholesale	OCCUPANCY SENSORS	Ceiling / Wall Mounted	No Occupancy Sensor	3759	0.300	1,127.7	0.3000	1,127.7	0.000	462.4	0.111	9	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$85.00
Business	Retrofit	Lighting - Warehouse Wholesale	PLUG-IN CFL (4-PIN) LED REPLACEMENT LAMP VERTICALLY / HORIZONTALLY MOUNTED	≤ 675 Lumens	18W G24q or GX24q Base	3759	0.016	60.1	0.0117	44.0	0.004	16.2	0.004	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-General	\$7.65
Business	Retrofit	Lighting - Warehouse Wholesale	T5 MEDIUM AND HIGH BAY FIXTURES	4-lamp HO T-5 fixtures (54W)	400W Probe Start Metal Halide	3759	0.450	1,691.6	0.224	842.0	0.226	849.5	0.204	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-High_Bay	\$35.00
Business	Retrofit	Lighting - Warehouse Wholesale	T5 MEDIUM AND HIGH BAY FIXTURES	6-lamp HO T-5 fixtures (54W)	2 x 250W Probe Start Metal Halide	3759	0.590	2,217.8	0.351	1,319.4	0.239	898.4	0.216	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-High_Bay	\$10.00
Business	Retrofit	Lighting - Warehouse Wholesale	T5 MEDIUM AND HIGH BAY FIXTURES	8-lamp HO T-5 fixtures (54W)	3 x 250 W Probe Start Metal Halide	3759	0.885	3,326.7	0.448	1,684.0	0.437	1,642.7	0.395	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-High_Bay	\$50.00
Business	Retrofit	Lighting - Warehouse Wholesale	T5 MEDIUM AND HIGH BAY FIXTURES	10-lamp HO T-5 fixtures (54W)	1000W Metal Halide with Probe Start Ballast	3759	1.075	4,040.9	0.560	2,105.0	0.515	1,935.9	0.465	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-High_Bay	\$50.00
Business	Retrofit	Lighting - Warehouse Wholesale	T5 MEDIUM AND HIGH BAY FIXTURES	12-lamp HO T-5 fixtures (54W)	3 x 400W Probe Start Metal Halide	3759	1.350	5,074.7	0.672	2,526.0	0.678	2,548.6	0.612	13	PSP-Business-Warehouse_Wholesale-Lighting_Interior-High_Bay	\$200.00
Business	Retrofit	Multi-Residential In Suite Appliance	ENERGY STAR® REFRIGERATOR	-	Standard Refrigerator	-	-	443.3	-	334.9	-	111.0	0.016	13	PSP-Consumer-Residential-Refrigerators	\$245.00
Business	Retrofit	Multi-Residential In Suite Appliance	IN-SUITE TEMPERATURE CONTROLS FOR ELECTRIC SPACE HEATING & COOLING	-	No in-suite temperature controls for electric space heating & cooling	-	-	-	-	-	0.076	973.1	0.598	15	PSP-Business-Commercial-Space_Cooling_&_Heating	\$40.00
Business	Retrofit	Refrigeration	ECM MOTORS FOR EVAPORATOR FANS (FREEZER WALK-IN)	Motor Size ≥ 1/20 hp to < 1/10 hp	Shaded Pole Motor (SP) and/or Permanent Split Capacitor (PSC)	8273	0.141	1,166.5	0.062	513.6	0.079	652.9	0.083	15	PSP-Business-Commercial-Refrigeration	\$145.00
Business	Retrofit	Refrigeration	ECM MOTORS FOR EVAPORATOR FANS (REFRIGERATOR WALK-IN)	Motor Size ≥ 1/20 hp to < 1/10 hp	Shaded Pole Motor (SP) and/or Permanent Split Capacitor (PSC)	8760	0.111	971.5	0.049	429.2	0.062	542.2	0.069	15	PSP-Business-Commercial-Refrigeration	\$135.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Glass Door (≥ 15 cu.ft. to < 30 cu.ft.)	Standard Freezer	8760	0.865	7,573.8	0.410	3,591.6	0.455	3,982.2	0.504	12	PSP-Business-Commercial-Refrigeration	\$166.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Glass Door (≥ 30 cu.ft. to < 50 cu.ft.)	Standard Freezer	8760	1.486	13,021.4	0.784	6,871.3	0.702	6,150.0	0.779	12	PSP-Business-Commercial-Refrigeration	\$166.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Glass Door (≥ 50 cu.ft.)	Standard Freezer	8760	2.027	17,757.3	1.084	9,495.8	0.943	8,261.4	1.046	12	PSP-Business-Commercial-Refrigeration	\$407.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Solid Door (< 15 cu.ft.)	Standard Freezer	8760	0.211	1,846.9	0.118	1,033.7	0.093	813.2	0.103	12	PSP-Business-Commercial-Refrigeration	\$142.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Solid Door (≥ 15 cu.ft. to < 30 cu.ft.)	Standard Freezer	8760	0.428	3,744.9	0.220	1,927.2	0.208	1,817.7	0.230	12	PSP-Business-Commercial-Refrigeration	\$166.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Solid Door (≥ 30 cu.ft. to < 50 cu.ft.)	Standard Freezer	8760	0.759	6,650.3	0.434	3,801.8	0.325	2,848.5	0.361	12	PSP-Business-Commercial-Refrigeration	\$166.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Solid Door (≥ 50 cu.ft.)	Standard Freezer	8760	1.048	9,176.1	0.545	4,774.2	0.503	4,401.9	0.557	12	PSP-Business-Commercial-Refrigeration	\$407.00
Business	Retrofit	Refrigeration	ENERGY STAR® FREEZER	Horizontal Closed Door	Standard Freezer	8760	0.656	5,742.5	0.608	5,329.1	0.047	413.3	0.052	12	PSP-Business-Commercial-Refrigeration	\$407.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Glass Door (< 15 cu.ft.)	Standard Refrigerator	8760	0.181	1,585.6	0.065	566.8	0.116	1,018.8	0.129	12	PSP-Business-Commercial-Refrigeration	\$164.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Glass Door (≥ 15 cu.ft. to < 30 cu.ft.)	Standard Refrigerator	8760	0.245	2,147.7	0.130	1,138.8	0.115	1,008.9	0.128	12	PSP-Business-Commercial-Refrigeration	\$164.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Glass Door (≥ 30 cu.ft. to < 50 cu.ft.)	Standard Refrigerator	8760	0.349	3,058.7	0.198	1,730.1	0.152	1,328.6	0.168	12	PSP-Business-Commercial-Refrigeration	\$164.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Glass Door (≥ 50 cu.ft.)	Standard Refrigerator	8760	0.474	4,153.7	0.260	2,277.6	0.214	1,876.1	0.238	12	PSP-Business-Commercial-Refrigeration	\$249.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Solid Door (< 15 cu.ft.)	Standard Refrigerator	8760	0.120	1,047.6	0.056	488.8	0.064	558.7	0.071	12	PSP-Business-Commercial-Refrigeration	\$143.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Solid Door (≥ 15 cu.ft. to < 30 cu.ft.)	Standard Refrigerator	8760	0.173	1,518.4	0.084	733.2	0.090	785.2	0.099	12	PSP-Business-Commercial-Refrigeration	\$164.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Solid Door (≥ 30 cu.ft. to < 50 cu.ft.)	Standard Refrigerator	8760	0.260	2,277.6	0.123	1,077.5	0.137	1,200.1	0.152	12	PSP-Business-Commercial-Refrigeration	\$164.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Solid Door (≥ 50 cu.ft.)	Standard Refrigerator	8760	0.364	3,190.1	0.150	1,314.0	0.214	1,876.1	0.238	12	PSP-Business-Commercial-Refrigeration	\$249.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Horizontal Closed Door	Standard Refrigerator	8760	0.052	456.4	0.035	304.8	0.017	151.7	0.019	12	PSP-Business-Commercial-Refrigeration	\$249.00
Business	Retrofit	Refrigeration	ENERGY STAR® REFRIGERATOR	Horizontal Solid Closed Door	Minimum Code Efficiency Refrigerator	8760	0.073	638.1	0.047	408.2	0.026	230.0	0.029	12	PSP-Business-Commercial-Refrigeration	\$200.00
Business	Retrofit	Space Cooling	ECM MOTORS FOR HVAC APPLICATION (FAN MOTOR REPLACEMENT)	Motor < 1 hp (per hp)	VAV Box with PSC motors	3000	-	-	-	-	0.155kW/HP	465kWh/HP	-	15	PSP-Business-Commercial-Cooling_DX	\$145.00
Business	Retrofit	Space Cooling	ECM MOTORS FOR HVAC APPLICATION (FAN-POWERED VAV BOX)	VAV Units < 1000 CFM (per CFM)	VAV Box with PSC motors	3000	-	-	-	-	0.32kW/CFM	0.5kWh/CFM	-	15	PSP-Business-Commercial-Cooling_DX	\$160.00
Business	Retrofit	Space Cooling	ECM MOTORS FOR HVAC APPLICATION (FAN-POWERED VAV BOX)	VAV Units > 1000 CFM (per CFM)	VAV Box with PSC motors	3000	-	-	-	-	0.21kW/CFM	0.35kWh/CFM	-	15	PSP-Business-Commercial-Cooling_DX	\$550.00
Business	Retrofit	Space Cooling	HOTEL OCCUPANCY CONTROLS (HVAC + LIGHTING)	Electrically heated facility	No controls installed	-	-	-	-	-	-	667.0	0.630	10	PSP-Business-Commercial-Cooling_DX	\$321.00
Business	Retrofit	Space Cooling	HOTEL OCCUPANCY CONTROLS (HVAC + LIGHTING)	Gas heated facility	No controls installed	-	-	-	-	-	-	414.0	0.391	10	PSP-Business-Commercial-Cooling_DX	\$321.00
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System ≥ 3.0 to < 5.4 tons, All Heating Type, 12.5 EER (per ton)	Split System ≥ 3.0 to < 5.4 tons, All Heating Type, 13.0 SEER (Approximately 11.14 EER) (per ton)	600	1.077	646.3	0.960	576.0	0.117	70.3	0.066	15	PSP-Business-Commercial-Cooling_DX	\$187.50/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Single Package With Economizer ≥ 3.0 to < 5.4 tons, All Heating Type, 12.0 EER	Single Package With Economizer ≥ 3.0 to < 5.4 tons, All Heating Type, 13.0 SEER (Approximately 11.14 EER) (per ton)	600	1.077	646.3	0.960	541.4	0.117	104.9	0.099	15	PSP-Business-Commercial-Cooling_DX	\$187.50/ton

SECTOR	PROGRAM	END USE	CONSERVATION MEASURE	MEASURE DESCRIPTION	BASE MEASURE	ASSUMED ANNUAL OPERATING HOURS	BASE CASE KW	BASE CASE KWH	CONSERVATION CASE KW	CONSERVATION CASE KWH	FIRST YEAR DEMAND SAVINGS (KW)	FIRST YEAR ENERGY SAVINGS (KWH)	SUMMER PEAK DEMAND SAVINGS (KW)	EFFECTIVE USEFUL LIFE (YEAR)	END USE LOAD PROFILE	INCREMENTAL LIFE CYCLE COST (\$)
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System ≥ 5.4 to ≤ 7.5 tons, Electric Resistance, 12.2 EER (per ton)	Split System ≥ 5.4 to ≤ 7.5 tons, Electric Resistance, 11.2 EER (per ton)	600	1.071	642.9	0.984	590.2	0.088	52.7	0.050	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System ≥ 5.4 to ≤ 7.5 tons, All Other Heating, 12.0 EER (per ton)	Split System ≥ 5.4 to ≤ 7.5 tons, All Other Heating, 11 EER (per ton)	600	1.091	654.5	1.000	600.0	0.091	54.5	0.051	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Single Package With Economizer ≥ 5.4 to ≤ 7.5 tons, Electric Resistance, 12.2 EER (per ton)	Single Package With Economizer ≥ 5.4 to ≤ 7.5 tons, Electric Resistance, 11.2 EER (per ton)	600	1.071	642.9	0.984	554.8	0.088	88.1	0.083	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Single Package With Economizer ≥ 5.4 to ≤ 7.5 tons, All Other Heating, 12.0 EER (per ton)	Single Package With Economizer ≥ 5.4 to ≤ 7.5 tons, All Other Heating, 11 EER (per ton)	600	1.091	654.5	1.000	564.0	0.091	90.5	0.085	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package ≥ 7.5 to < 11.25 tons, Electric Resistance, 12.2 EER (per ton)	Split System/Single Package ≥ 7.5 to < 11.25 tons, Electric Resistance, 11.2 EER (per ton)	600	1.071	642.9	0.984	590.2	0.088	52.7	0.050	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package ≥ 7.5 to < 11.25 tons, All Other, 12.0 EER (per ton)	Split System/Single Package ≥ 7.5 to < 11.25 tons, All Other, 11 EER (per ton)	600	1.091	654.5	1.000	600.0	0.091	54.5	0.051	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package ≥ 11.25 to < 20 tons, Electric Resistance, 12.2 EER (per ton)	Split System/Single Package ≥ 11.25 to < 20 tons, Electric Resistance, 11 EER (per ton)	600	1.091	654.5	0.984	590.2	0.107	64.4	0.061	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package ≥ 11.25 to < 20 tons, All Other, 12.0 EER (per ton)	Split System/Single Package ≥ 11.25 to < 20 tons, All Other, 10.8 EER (per ton)	600	1.111	666.7	1.000	600.0	0.111	66.7	0.063	15	PSP-Business-Commercial-Cooling_DX	\$225/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package ≥ 20 to < 63 tons, Electric Resistance, 10.8 EER (per ton)	Split System/Single Package ≥ 20 to < 63 tons, Electric Resistance, 10 EER (per ton)	600	1.200	720.0	1.111	666.7	0.089	53.3	0.050	15	PSP-Business-Commercial-Cooling_DX	\$262.50/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package ≥ 20 to < 63 tons, All Other, 10.6 EER (per ton)	Split System/Single Package ≥ 20 to < 63 tons, All Other, 9.8 EER (per ton)	600	1.224	734.7	1.132	679.2	0.092	55.4	0.052	15	PSP-Business-Commercial-Cooling_DX	\$262.50/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package > 63 tons, Electric Resistance, 10.4 EER (per ton)	Split System/Single Package > 63 tons, Electric Resistance, 9.7 EER (per ton)	600	1.237	742.3	1.154	692.3	0.083	50.0	0.047	15	PSP-Business-Commercial-Cooling_DX	\$262.50/ton
Business	Retrofit	Space Cooling	UNITARY AIR-CONDITIONING UNIT	Split System/Single Package > 63 tons, All Other, 10.2 EER (per ton)	Split System/Single Package > 63 tons, All Other, 9.5 EER (per ton)	600	1.263	757.9	1.176	705.9	0.087	52.0	0.049	15	PSP-Business-Commercial-Cooling_DX	\$262.50/ton