Appalachian Power C&I Program – Lighting Worksheet

APPALACHIAN POWER
An AEP Company

TAKE CHARGE

Before you start

Instructions: Complete the section below when retrofitting lighting systems with LED bulbs, high bay and low bay T5 fluorescent lamps and fixtures, LED high bay, low bay, canopy and parking garage fixtures. Other eligible measures included fixture retrofits w/LEDs, 4-ft. linear LED replacements, high-performance T8s, LED exit signs, refrigerated case lighting, daylight dimming and electronic dimming ballasts and occupancy sensors. Rebates are paid per unit and capped at 30 percent of total cost. Project pre-approval by program staff prior to purchase or installation of materials is required.

Submit your application

The following documents must accompany the Lighting Rebate Worksheet in a complete application:

- Rebate application
- Equipment spec sheet
- Itemized invoice showing model number
- W9 for payee
- Copy of latest electric bill

Questions? Call 888-261-4567

1 Project Information

OPERATING HOURS	
Monday:	Friday:
Tuesday:	Saturday:
Wednesday:	Sunday:
Thursday:	**Total Project Cost:**

BUILDING HEATING TYPE

Electric Furnace Heat Pump	Non-Electric	Electric Resistance

BUILDING COOLING SYSTEM TYPE

Central Air Conditioner Heat Pump	Chiller None

2 Building Type

Custom Education Grocery Health	Industrial Office Retail Warehouse	Exterior Other

INSTALLATION LOCATION

Auto Repair Workshop Auto Repair Workshop Classroom / Lecture Comm / Ind Work (General High Bay) Comm / Ind Work (General Low Bay) Conference Room Corridor / Hallway Dining Area	Exercise Centers / Gymnasium Kitchen / Break Room & Food Prep Library Loading Dock Lobby (Main Entry and Assembly) Lobby (Office Reception / Waiting) Mechanical / Electrical Room Office (Executive / Private) Office (General) Office (Open Plan)	Other Restrooms Retail Sales / Showroom Storage (Conditioned & Walk-In Refrigerator / Freezer) Storage (Unconditioned) General Parking Garage Canopy

3 Lighting Retrofit Project Details

TABLE A. EXISTING LINEAR FLUORESCENT FIXTURE RETROFITTED TO LED BULBS, HIGH AND LOW BAY T5 FLUORESCENT LAMPS AND FIXTURES, FIXTURE RETROFITS W/LEDS, 4-FOOT LINEAR LED REPLACEMENTS, HIGH-PERFORMANCE T8S, DAYLIGHT DIMMING, ELECTRONIC DIMMING BALLAST AND OCCUPANCY SENSORS.

For each linear fluorescent fixture type, enter project information below. Information will be used to calculate estimated annual energy savings.
Incentives are paid at $0.05 per estimated annual kWh savings.

When a group of fixtures is controlled by an occupancy sensor or other energy-saving device, place that group of fixtures on a separate line from uncontrolled fixtures.

EXISTING LINEAR FLUORESCENT FIXTURE								RETROFIT LINEAR FLUORESCENT OR LED SPECIFICATIONS							LOCATION INFORMATION			
Fixture Qty	Lamp Length (ft)	# Lamps per Fixture	Lamp Type (T12, T8, T5)	Bare Lamp Wattage	Lamp Shape (linear, U-bend)	Ballast Type (mag, high eff mag, electronic, unknown)	Ballast Factor	Fixture Qty	Lamp Length (ft)	# Lamps per Fixture	Lamp Type (T5, LED)	Bare Lamp Wattage	Ballast Model # (T5, high-performance T8s)	Control Type (occupancy, dimmer, daylight dimming, electronic dimming ballasts)	Exterior	Interior	Installation Location (see list in Appendix)	Type of Cooling at Location (A/C, fridge, freezer, unconditioned space)
							☐ Very High Light Output ☐ High Light Output ☐ Normal Light Output ☐ Reduced Light Output								☐	☐		
							☐ Very High Light Output ☐ High Light Output ☐ Normal Light Output ☐ Reduced Light Output								☐	☐		
							☐ Very High Light Output ☐ High Light Output ☐ Normal Light Output ☐ Reduced Light Output								☐	☐		

TABLE B. LAMP REPLACEMENT

B1. LED HIGH BAY, LOW BAY, CANOPY AND PARKING GARAGE FIXTURES

For each hard-wired led fixture replacing a high intensity discharge lamp (e.g., metal halide, high pressure sodium, mercury vapor) enter the following information:

EXISTING FIXTURE					NEW FIXTURE SPECIFICATIONS					LOCATION INFORMATION			
Fixture Qty	# Lamps per Fixture	Lamp Type (MH, HPS, MV*)	Lamp Wattage	Lamp Mounting (e.g., high bay, wall pack, pole mounted)	Fixture Qty	Manufacturer	Model Number	Wattage	Control Type (e.g., occupancy sensor, dimmer)	Exterior	Interior	Area Type**	Type of Cooling at Location (A/C, refridg, freezer, unconditioned space)
										☐	☐		
										☐	☐		
										☐	☐		

Fixtures must be listed on the Design Lights Consortium® Qualified Products List (www.designlights.org/QPL) or have a Lighting Facts label (www.lightingfacts.com). LED fixtures that are wired to mains (i.e., bulbs with internal drivers) must follow all manufacturers' safety precautions.

*MH – Metal Halide, HPS – High Pressure Sodium, MV – Mercury Vapor

**Classroom/Lecture, Corridor/Hallway, Office (Executive/Private), Office (General), Office (Open Plan), Retail (Sales/Showroom), Storage (Conditioned & Walk-In Refrigerator/Freezer), Lobby (Main Entry and Assembly), Restrooms, Auto Repair Workshop, Comm/Ind Work (General High Bay), Comm/Ind Work (General Low Bay), Conference Room, Dining Area, Exercise Centers/Gymnasium, Kitchen/Break Room & Food Prep), Library, Loading Dock, Lobby (Office Reception/Waiting), Mechanical/Electrical Room, Storage (Unconditioned), Other

B2. EXISTING INCANDESCENT OR HALOGEN BULBS TO LED BULBS

EXISTING FIXTURE				NEW LAMP				
Fixture Qty	Lamp Type (Incandescent or Halogen)	Lamp Wattage	Lamp Mounting (e.g., high bay, wall pack, pole mounted)	Fixture Qty	Lamp Wattage	Lamp Type (LED)	Control Type (e.g., occupancy sensor, dimmer)	Type of Cooling at Location (A/C, fridge, freezer, unconditioned space)

B.3 REFRIGERATED CASE LIGHTING

EXISTING FIXTURE			RETROFIT LED						
Fixture Qty	Lamp Type (T8, T5)	Lamp Wattage	Make	Manufacturer	Model #	Cost	Efficient Quantity	Lamp Length	Refrigeration Type (Freezer, Cooler)

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*MH – Metal Halide, HPS – High Pressure Sodium, MV – Mercury Vapor

**Classroom/Lecture, Corridor/Hallway, Office (Executive/Private), Office (General), Office (Open Plan), Retail (Sales/Showroom), Storage (Conditioned & Walk-In Refrigerator/Freezer), Lobby (Main Entry and Assembly), Restrooms, Auto Repair Workshop, Comm/Ind Work (General High Bay), Comm/Ind Work (General Low Bay), Conference Room, Dining Area, Exercise Centers/Gymnasium, Kitchen/Break Room & Food Prep), Library, Loading Dock, Lobby (Office Reception/Waiting), Mechanical/Electrical Room, Storage (Unconditioned), Other

B.4 REFRIGERATED CASE LIGHTING CONTROLS

Make/Manufacturer	Model #	Cost	Efficient Fixture Technology (T8, LED)	Efficient Lamp Length (ft) (2, 3, 4, 5, 6, 8)	Refrigeration Type (Freezer, Cooler)