PUBLIC SERVICE COMPANY OF OKLAHOMA

An AEP Company

BOUNDLESS ENERGY℠

PSO Business Rebates
Building Envelope Technical Requirements

Door Weather Stripping

- This upgrade applies to the installation of weather stripping on entrance/exit doors for a contained, pressurized space.
- Door sweeps and weather stripping are designed to be installed along the bottom and jams of exterior doors to prevent air infiltration to conditioned space.
- The baseline standard for this upgrade is a commercial building with exterior doors that are not sealed from unconditioned space. Doors must have visible gaps of at least 1/8 – 3/4 inches. Interior vestibule doors are not eligible.
- The efficiency standard for this upgrade is a commercial building with exterior doors that have been sealed from unconditioned space.
- Clear photos of before and after installation of door sweeps are required.

Door Weather Stripping Rebates		
HVAC System	**Gap Width**	**Rebate/Foot**
Electric Cooling-Gas Heating	1/8	$0.50
Electric Cooling-Gas Heating	1/4	$1.00
Electric Cooling-Gas Heating	1/2	$1.50
Electric Cooling-Gas Heating	3/4	$2.00
Electric Cooling-Electric heating	1/8	$5.00
Electric Cooling-Electric heating	1/4	$7.00
Electric Cooling-Electric heating	1/2	$15.00
Electric Cooling-Electric heating	3/4	$20.00
Electric Heat Pump	1/8	$5.00
Electric Heat Pump	1/4	$7.00
Electric Heat Pump	1/2	$15.00
Electric Heat Pump	3/4	$20.00

Duct Insulation

- Duct insulation deemed savings are estimated per square foot of duct insulation installed.
- The baseline is uninsulated metal ducts in an unconditioned space inside a small commercial building.
- Uninsulated condition includes insulation which has non-repairable tears to the vapor barrier, exhibits gaps exposing metal, or insulation which has failed due to excess moisture.
- Flex ducts and fiber board ducts are not eligible for this upgrade.
- In a multi-story building, the baseline applies only to the top floor; ceiling space between floors is considered conditioned space.

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- Duct insulation incentives require that insulation levels be brought up to R-6. Please let us know if you need help determining if the ductwork location is in conditioned or unconditioned space.
- Clear photos of before and after installation of duct insulation are required.

Duct Insulation Rebates	
HVAC System	**Rebate/Square Foot**
Electric Cooling-Gas Heating	$0.04
Electric Heat Pump	$0.06
Electric Cooling-Electric Resistance Heating	$0.08

Ceiling Insulation

- R-value of ceiling insulation must be raised to R-30 in a building in which the pre-retrofit ceiling insulation is judged to have an R-value no greater than R-22.
- The R-value of the pre-retrofit roof deck insulation can be no greater than R-20, the R-value of the pre-retrofit ceiling insulation can be no greater than R-22, and the combined R-value of ceiling and roof deck insulation cannot exceed R-30.
- The pre-existing insulation level of each building must be determined and documented by the insulation installer.
- All typical ceiling insulation materials are eligible for this upgrade and these rebates are designed to bring building attic insulation up to R-30 levels.
- Clear photos of before and after installation of ceiling insulation are required.

Ceiling Insulation Rebates	
HVAC System	**Rebate/Square Foot**
Electric Cooling-Gas Heating	$0.04
Electric Heat Pump	$0.06
Electric Cooling-Electric Resistance Heating	$0.08

Zero Energy Door

- The baseline standard for this upgrade is a standard vertical reach-in refrigerated cooler or freezer with anti-sweat heaters on the glass surface of the doors.
- The efficiency standard for this upgrade is a reach-in refrigerated cooler or freezer with special doors installed to eliminate the need for anti-sweat heaters. Doors must have either heat reflective treated glass, be gas-filled or both.

Zero Energy Door Rebates	
Space Temperature	**Rebate/Door**
Low temperature (<25F)	$150
Medium temperature (25F-40F)	$150
High temperature (41F - 65F)	$50

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Window Film

- This upgrade consists of the addition of solar film to the inside of glazing on the east and west windows (any direction except within 45 degrees of true north).
- The rebate amount is based on square footage of qualifying windows.
- The building must use one of the following HVAC system types: DX Coils with Furnace, Electric Resistance or Heat Pump.
- This upgrade is applicable to existing commercial buildings with clear single- or double-pane glazing with a solar heat gain coefficient (SHGC) greater than 0.66.
- Existing Low-E windows and windows with existing solar films or solar screens are not eligible for this upgrade.
- The SHGC of the films must be less than 0.50.
- The windows must not be shaded by existing awnings, exterior curtains or blinds or any other shading device. They must be installed in a space conditioned by refrigerated air conditioning (central, window or wall unit).
- The windows must meet all applicable codes and standards, including:
    - **ASTM-408 –** Standard method for Total Normal Emittance by inspection meter
    - **ATSM-308 –** Standard recommended practice for Spectro-Photometry and Description of Color in CIE1931
        - This is an indicator of luminous reflection and visibility.
    - **ATSM-E903 –** Standard methods of test of Solar Absorbance, Reflectance and Transmittance using an integrated sphere
    - **ASTM G-90 –** Standard practice for Performing Accelerated Outdoor Weatherizing for Non-Metallic Materials Using Concentrated Natural Light
    - **ATSM G-26 –** Xenon arc weathering to accelerate natural aging
    - **ATSM E-84 –** Flammability for commercial and residential structures
- Clear photos of before and after installation of window film are required.

Window Film Rebates	
HVAC Systems Type	**Rebate/Square Foot**
DX Coils with Furnace	$0.75
Heat Pump	$0.75
Electrical Resistance	$0.75

Ready to submit an application? Click here to begin.