

# Commercial & Industrial Energy Efficiency Retrofits - Building Shell Worksheet (Idaho)



## Steps to Submit Project

1. Fill out this worksheet to reflect the proposed equipment to be installed
2. Fill out the Non-Lighting Application - Idaho
3. Obtain manufacturer specifications for the proposed new equipment
4. Submit the above to Retrofit@IdahoPower.com

## Notes

- Projects must meet the applicable specifications stated on the pages of this worksheet
- Projects with estimated incentive \$1,500 or greater should receive pre-approval from Idaho Power prior to project start

**Project Name:** \_\_\_\_\_

**What type of cooling does this building use:**      Mechanical      Other (evaporative, window unit, portable, etc.)  
**What type of heating does this building use:**      Electric      Other

Replacing	Installing	Quantity (Units)	Incentive (Per Unit)	Total Incentive
<b>Premium Windows</b>				
B1 Standard windows	U-factor of .30 or less <i>Note: windows must be installed in building with electric heat.</i>	_____ ft <sup>2</sup> window area	\$2.50	\$ _____
<b>Reflective Roofing</b>				
B2 Non-reflective low pitch roof	Adding reflective roof treatment	_____ ft <sup>2</sup> roof area	\$0.05	\$ _____
<b>Wall Insulation</b>				
B3 Insulation level, R2.5 or less	Increase to R11 min insulation	_____ ft <sup>2</sup> wall area	\$0.40	\$ _____
B4 Insulation level, R2.5 or less	Increase to R19 min insulation <i>Note: insulation must be installed in building with electric heat.</i>	_____ ft <sup>2</sup> wall area	\$0.55	\$ _____
<b>Ceiling Insulation</b>				
B5 Insulation level, R11 or less	Increase to R38 min insulation <i>Note: insulation must be installed in building with electric heat.</i>	_____ ft <sup>2</sup> roof/ceiling area	\$0.20	\$ _____
<b>Building Shell Total</b>				<b>\$ _____</b>

## Specifications for Building Shell Measures

### Premium Windows

New windows must be certified by the National Fenestration Rating Council (NFRC) or any NFRC-licensed independent certification and inspection agency (e.g., American Architectural Manufacturers Association (AAMA)) and meet U-factor of 0.30 or less. Windows are only eligible when they are installed in spaces that have electric heat. NFRC specification sheets must be submitted with the application.

### Reflective Roof Treatment

Reflective roof treatments qualify when applied to the roof above a space with central mechanical air conditioning or PTAC/PTHP systems. The roof treatment must be ENERGY STAR® rated or tested through a Cool Roof Rating Council (CRRC) accredited laboratory and have a total solar reflectivity of at least 0.70 and a minimum thermal emittance of 0.75. Reflective roof treatments only qualify when installed on non-reflective roofs with a low-slope (pitch of 2:12 or less) and when installed on buildings that have central mechanical air conditioning systems.

### Wall Insulation

Eligible wall area is limited to buildings or portions of buildings with electric heat. Qualifying wall insulation type must meet any applicable code requirement for the specific building in which it is installed and must meet the required R-value.

This incentive applies only to the treated area of exterior walls (gross wall area, less window and door area) where the insulation has been installed to the proposed R-value. Radiant barriers will not be allowed as a substitute for insulation in this program. Insulation must be professionally installed by an insulation contractor. DIY installations are not eligible.

### Ceiling Insulation

Eligible roof/ceiling area is limited to buildings or portions of buildings with electric heat. Qualifying ceiling insulation can be rigid foam, fiberglass bat, or blown-in cellulose and must meet any applicable code requirement for the specific building in which it is installed and must meet the required minimum R-value.

## Checklists for Submission

### Pre-Approval Checklist

- Signed/Dated Non-Lighting Application (Idaho)
- Building Shell Worksheet (Idaho)
- Manufacturer Specification Sheets

### Payment Checklist

- Signed/Dated Non-Lighting Application (Idaho)
- Building Shell Worksheet (Idaho)
- Invoices for Material & Labor

**Note:** Invoices must include area-affected square footage, the U-factor, R-value, etc., that existed previously and as installed with the new equipment, and the quantity and type of what was installed. Manufacturer's specification sheets for the purchased equipment must accompany the application.