

# COOL ROOF



**Install a cool roof and earn 10 cents per square foot, up to \$15,000 per building, and save up to 15 percent of your air conditioning costs.**

**Lower the temperature of your roof up to 60° during summer weather, save energy and get valuable incentives when you install a cool roof on your existing or new buildings.**

Every building needs a roof, and installing an ENERGY STAR® cool roof is a convenient way to save money and energy for years to come. A cool roof reflects solar heat away from your roof's surface and prevents heat absorption into your building.

Most cool roof installations have a smooth, bright white surface that reflects solar radiation, cuts heat transfer to the interior and reduces energy consumption from air conditioning.

#### To install a cool roof on your building:

- Determine whether your business would benefit from a cool roof
- Call Progress Energy Florida, Inc. (PEF) for a free Business Energy Check

#### If your business is approved for a cool roof, select roof material with:

- High solar reflectance
- Durability, with high reflectance over time
- High thermal emittance

Installing a cool roof now not only means you could receive substantial incentives from PEF, but you can save up to 15 percent of your air conditioning costs.

### Incentive requirements:

1. Earn 10 cents per square foot of roof, with a maximum incentive of \$15,000 per building.
2. Initial solar reflectance greater than 0.70, which means the cool roof is reflecting 70 percent of the solar radiation.
3. ENERGY STAR® labeled roof product based on ASTM E-903 or ASTM C-1549 testing.
4. Applied by a licensed contractor.

ENERGY STAR cool roofs:  
[energystar.gov/ia/products/prod\\_lists/roof\\_prods\\_prod\\_list.xls](http://energystar.gov/ia/products/prod_lists/roof_prods_prod_list.xls)  
 Cool Roof Rating Council:  
[ccrc.com](http://ccrc.com)

Other requirements do apply.  
 Visit [savethewatts.com](http://savethewatts.com) for more details.

Incentive and savings example:  
 A 10,000 SF facility would earn \$1,000 rebate and save over \$675 per year. HVAC is SEER 9 at 76° F, cool roof of 0.70 compared to dark gray roof.

### Progress Energy Florida energy-efficiency programs

Progress Energy Florida (PEF) has a dedicated team of energy-efficiency experts ready to help businesses integrate energy-saving systems into both existing and new construction. A comprehensive list of our energy-saving programs is below. Please contact your PEF auditor to see if you qualify for these money- and energy-saving programs.

#### Building envelope improvements

- Cool roof
- Ceiling insulation upgrade
- Green roof
- Roof insulation upgrade
- Window film or screen

#### HVAC-system-related improvements

- Demand control ventilation (DCV)
- Duct test
- Duct repair
- Energy recovery ventilation (ERV)
- PTAC steam cleaning
- Rooftop unit recommissioning

#### Indoor lighting improvements

- Efficient indoor lighting
- Occupancy sensors

#### Industrial energy improvements

- Efficient compressed air system
- Efficient motors

#### HVAC equipment improvement

- Air-cooled and water-cooled electric chillers
- Heat pumps
- Packaged terminal heat pumps
- Unitary AC and heat pumps
- Thermal energy storage