

## Energy Efficiency for Business

# Cool Roof

**Save energy and get valuable incentives – install a cool roof on your existing or new buildings.**

Every building needs a roof, and installing an ENERGY STAR® cool roof is an efficient 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. During summer weather, you can lower the temperature of your roof by up to 60 F.

Install a cool roof and earn **15 cents per square foot**, up to \$50,000 per building, in incentives. Plus save up to 15 percent off air conditioning costs.

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.

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

- High solar reflectance
- Durability for high reflectance over time
- High thermal emittance

### **Incentive and savings example:**

A 10,000-square-foot facility can earn a \$1,500 incentive and save over \$1,486 per year.\*

*\*HVAC is SEER 8.2 at 76 F, cool roof of 0.70 compared to dark gray roof.*

**Contact your Duke Energy Advisor for further details.**

877.372.8477 or [fl.bec@duke-energy.com](mailto:fl.bec@duke-energy.com)  
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### **Want to get incentives? Here's how:**

1. Call Duke Energy for a FREE Business Energy Check.
2. Confirm your cool roof has an initial solar reflectance greater than or equal to 0.76 (it reflects 76 percent solar radiation or more).
3. Ensure it is an ENERGY STAR or Cool Roof Rating Council labeled roof product based on ASTM E-903 or ASTM C-1549 testing.
4. The cool roof needs to be applied by a licensed contractor.
5. Roof must be flat and over conditioned space.

### **Note**

All required documentation must be submitted to your Energy Advisor within six months of project completion or Certificate of Occupancy (New Construction).

Other requirements may apply.

## EEB Programs at a Glance

Duke Energy has a dedicated team of Energy Advisors 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 Duke Energy Advisor to see if you qualify for these money- and energy-saving programs.

### Preventive maintenance

- HVAC tuneup
- Rooftop HVAC recommissioning
- Chiller tuneup
- PTAC/PTHP coil cleaning

### Roofing measures

- Ceiling insulation upgrade
- Duct check program
- Roof insulation
- Cool roof

### Equipment installation

- High-efficiency chillers
- Small heat pumps (<65,000 Btu/h)
- High-efficiency energy recovery ventilation
- Unitary AC units and heat pumps (>65,000 Btu/h)
- Packaged terminal heat pumps and packaged terminal air conditioners
- Demand control ventilation

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