

Energy Efficiency for Business

Roof Insulation Upgrade

Upgrade your roof insulation and save up to 15 percent in HVAC costs per year.

Upgrading your roof insulation now not only means you could receive substantial incentives from Duke Energy, but you'll decrease your energy use – and increase your savings – for years to come. You can lower your heating and cooling costs, save energy and get valuable incentives.

Earn an installation incentive of **7 cents per square foot** – up to \$50,000 per building.

A well-insulated roof keeps you cool during the summer and warm in the winter using less energy and saving you more money. Insulating material will deteriorate over time and the R-value will begin to decrease. Upgrading roof insulation to R-19 or higher will reduce heat transfer through the envelope of your building and lower energy consumption by decreasing the runtime of your HVAC equipment.

The benefits of upgrading your roof insulation:

- Save money by reducing the need for HVAC
- Enhance workplace comfort
- Ease environmental strain

For example, a 10,000-square-foot facility could earn a \$700 incentive and save approximately \$440 per year.*

**Based on HVAC SEER 9 at 76 F and 10 cents per kilowatt-hour.*

Contact your Duke Energy Advisor for further details.

877.372.8477 or 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 insulation is installed per the manufacturer's recommendations and specifications.
3. Ensure the insulation is installed in the roof deck assembly.
4. The insulation should also be installed uniformly, resulting in a minimum of R-19 for retrofit projects and greater than R-38 for new construction.
5. The weighted average R-value of existing insulation under the total roof square footage (above the conditioned space) must be less than R-12.
6. Eligible facilities must have whole-facility electric air conditioning and whole-facility electric heating (nonportable).

Note

All required documentation must be submitted to your Energy Advisor within six months of project completion or within six months from 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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