

NEW BUILDINGS (25,000 SQ. FT. AND UP) & ADDITIONS (50,000 SQ. FT. AND UP)

Include a cool roof and one of options described below.

Choose an option:

Choose how much to install:

Green space or green roofs



- 10% of the building or addition's GFA,
- 60% of the total roof area, or
- All *available* roof area.

Payment to Green Building Fund



- \$50 per square foot of green space required but not provided

On-site solar panels*



- 70% of the total roof area, or
- Generate 100% of the building or addition's estimated average annual electricity use.

Purchase off-site solar energy



- 100% of the estimated average annual electricity use, or
- The same amount of electricity that would have been provided with on-site solar panels AND the building/addition achieves an estimated energy cost savings of at least 6% above building code requirements.

Energy conservation



- An estimated energy cost savings of at least 12% above building code requirements

Green building certification



- LEED v4 BD+C Gold, Enterprise Green Communities, National Green Building Standard (NGBS) ICC/ASHRAE 700 Gold, or equivalent

Combination approaches:

Green space or green roofs



- 3% of the building or addition's GFA,
- 18% of the total roof area, or
- All *available* roof area.

And one of the following:

On-site solar panels*

- 7% of the building or addition's GFA,
- 42% of the total roof area, or
- All *available* roof area.

Purchase off-site solar energy

- The same amount of electricity that would have been provided with on-site solar AND the structure has an estimated energy cost savings of at least 2.5% above building codes.

Energy conservation

- An estimated energy cost savings of at least 5% above building codes.

Some new buildings/additions may meet the ordinance as part of a campus.

* Or other renewable energy devices that provide similar generation capacity. A net-zero-energy building also meets the ordinance.

ADDITIONS (25,000 – 49,999 SQ. FT.) & ROOF PERMITS FOR EXISTING BUILDINGS (25,000 SQ. FT. AND UP)

Include a cool roof and one of options described below.

Choose an option:

Choose how much to install:

Green space or green roofs



Total roof replacement / Additions

- 2% of the building or addition's GFA
- 18% of the total roof area, or
- All available roof area.

Replacing roof section(s)

- $\frac{(2\% \text{ of the building GFA} \times \text{roof section area})}{\text{total roof area of the building}}$
- 18% of the roof section(s), or
- All *available* area on the roof section(s).

Payment to Green Building Fund



- \$50 per square foot of green space required but not provided

On-site solar panels*



Total roof replacement / Additions

- 5% of the building or addition's GFA
- 42% of the total roof area, or
- Generate 100% of the building's average annual electricity use.

Replacing roof section(s)

- $\frac{(5\% \text{ of the building GFA} \times \text{roof section area})}{\text{total roof area of the building}}$
- 42% of the roof section(s), or
- Generate 100% of the building's average annual electricity use.

Energy conservation
(Additions only)



- An estimated energy cost savings of at least 4% above building code requirements

Green building certification



- LEED BD+C or O&M Silver, Enterprise Green Communities, NGBS ICC/ASHRAE 700 Silver, or equivalent

Energy Program
(Roof replacements only)



- Includes option to purchase off-site solar energy
- Enroll now and complete program requirements within 5 years. See denvergov.org/EnergizeDenver > Energy Program for details.

The following project types only need to do a cool roof and are exempt from choosing a compliance option above: residential buildings 5 stories or less or under 62.5 feet in height; roof recovers only; emergency roof replacements; hail-damaged roofs with insufficient insurance coverage to meet this ordinance (exemption only valid through November 2, 2019); and buildings that have already met the ordinance as a new building or campus.

Other rules and exemptions are detailed at denvergov.org/greenroofs.