

# 2024 IECC

*NBI has submitted public comments into the ICC process to advance the 2024 IECC. The proposed public comments cover a wide range of measures and improve the code by adding additional efficiency, clarifying requirements, and creating greater flexibility for code users and local jurisdictions. Learn more at [newbuildings.org/code\\_policy/2024-iecc-national-model-energy-code-base-codes](https://newbuildings.org/code_policy/2024-iecc-national-model-energy-code-base-codes).*

## **Add new definition as follows:**

**BIOMASS WASTE.** Organic non-fossil material of biological origin that is a byproduct or a discarded product. Biomass waste includes municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural crop byproducts, straw, and other biomass solids, liquids, and biogases; but excludes wood and wood-derived fuels (including black liquor), biofuel, feedstock, biodiesel, and fuel ethanol.

## **Revise text as follows:**

**RENEWABLE ENERGY RESOURCES.** Energy derived from solar radiation, wind, waves, tides, ~~landfill gas, biogas,~~ *biomass waste* or extracted from hot fluid or steam heated within the earth.

## **Reason:**

There is currently no definition for biomass in the residential IECC even though biomass was recently listed as a potential renewable energy resource. Because there are many flavors of biomass, it is important for the IECC to clarify which forms of biomass energy count towards reducing a residential buildings' ERI score. The revision limits the biomass sources that count as renewable energy resources to those that are specified as waste products and ensures that virgin material of unknown origin does not count as a steady source of renewable energy. Without an available standard to cite in the IECC for sustainable biomass, it is critical to ensure that biomass used in compliance with the IECC is derived from waste products or byproducts. The definition of *biomass waste* is taken from the glossary of the Energy Information Administration. A similar amendment has been approved by the commercial IECC and is included in the draft code.