

Energy Statistics

In 2009, North Carolina residents recycled

- 613,504 tons of material.

By recycling this amount, the total energy saved was

- 8,662,637 million BTUs.

This energy savings means that

- 231,619 metric tons of carbon and
- 848,670 metric tons of carbon dioxide

were prevented from being released into the atmosphere.

This energy savings equals the emissions savings of

- 155,434 vehicles (annual GHG emissions),
- 1,973,651 barrels of oil,
- 96,330,278 gallons of gasoline (based on CO2 emissions per gallon),
- 35,361,240 home barbeque propane cylinders (based on CO2 emissions per pound of propane), and
- the annual emissions from the energy consumption of 77,222 households.

This energy savings equals the resource savings of

- 5,919 acres of standing forest (based on CO2 sequestration per tree) and
- 292,645 tons of waste recycled instead of being sent to landfills (based on CO2 emissions per ton of waste sent to landfills).

Source: My Ecoville Environmental Recycling Benefits and Equivalency Information Report at <http://nc.myecoville.com/recycling-reports-pages/state>