

Meet your sustainability goals with **smart hot water usage.**

If everything living contains carbon, can it be all that bad? In reality, the only carbon to be concerned about is carbon dioxide. Carbon dioxide is the gas that humans and animals breathe out, plants use during photosynthesis to produce oxygen and combustion processes emit. It is a natural part of our lives, but it is also described as the most significant global warming gas emitted by human activities.

The concept of a carbon footprint has created awareness about becoming more energy efficient. Consuming 100 cubic feet (ccf) of natural gas emits 12 pounds of CO₂. If your facility consumes 6,000 ccf of natural gas for water heating, you are contributing 32 metric tons of CO₂ annually.

Consider this: the EPA states that pine forests can absorb almost 367 metric tons of carbon dioxide per acre after 90 years. That's roughly four metric tons of carbon dioxide per acre per year.

With the National Grid Direct Install program, you could reduce natural gas consumption for water heating by up to 30 percent. That would be equivalent to nine metric tons of CO₂. That's equal to adding two acres of trees to offset the emissions.

It would take one acre of pine trees three years to absorb the CO₂ emissions from the amount of natural gas consumed per year for water heating by a 60,000 sq. ft. multi-family apartment building in NYC.

Find out how you can take advantage of energy saving programs like Direct Install. Contact your account manager, call 1-877-343-0023, or email efficiency@nationalgrid.com.