Gas Enables Energy Efficiency

Direct Use of Natural Gas

From the place where it is extracted from the ground, to appliances in your home, natural gas achieves 91% energy efficiency.

SOURCE ENERGY

100 MMBtu EXTRACTION, PROCESSING & TRANSPORTATION

7% ENERGY LOSS

92 MMtu



GENERATION

No energy conversion necessary, therefore no energy is lost DISTRIBUTION

1% ENERGY LOSS
91 MMtu



DELIVERED TO CUSTOMER

91 MMBtu





Converting natural gas into electricity to power comparable electric end-use products only maintains 36% of usable energy. This is because of the significant amount of energy lost on the journey from production to customer.

SOURCE ENERGY

100 MMBtu EXTRACTION, PROCESSING & TRANSPORTATION

5% ENERGY LOSS

95 MMtu

GENERATION

64% ENERGY LOSS

34 MMtu



DISTRIBUTION

6% ENERGY LOSS

32 MMtu



DELIVERED TO CUSTOMER

36 MMBtu

