



The Direct Use Of Natural Gas



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My Premise

Maximizing the Direct Use Of Natural Gas:

- More effectively uses the natural resource
- Reduces harmful emissions
- Reduces energy costs for end user
- Reduces energy losses
- Reduces the need for additional electric generation



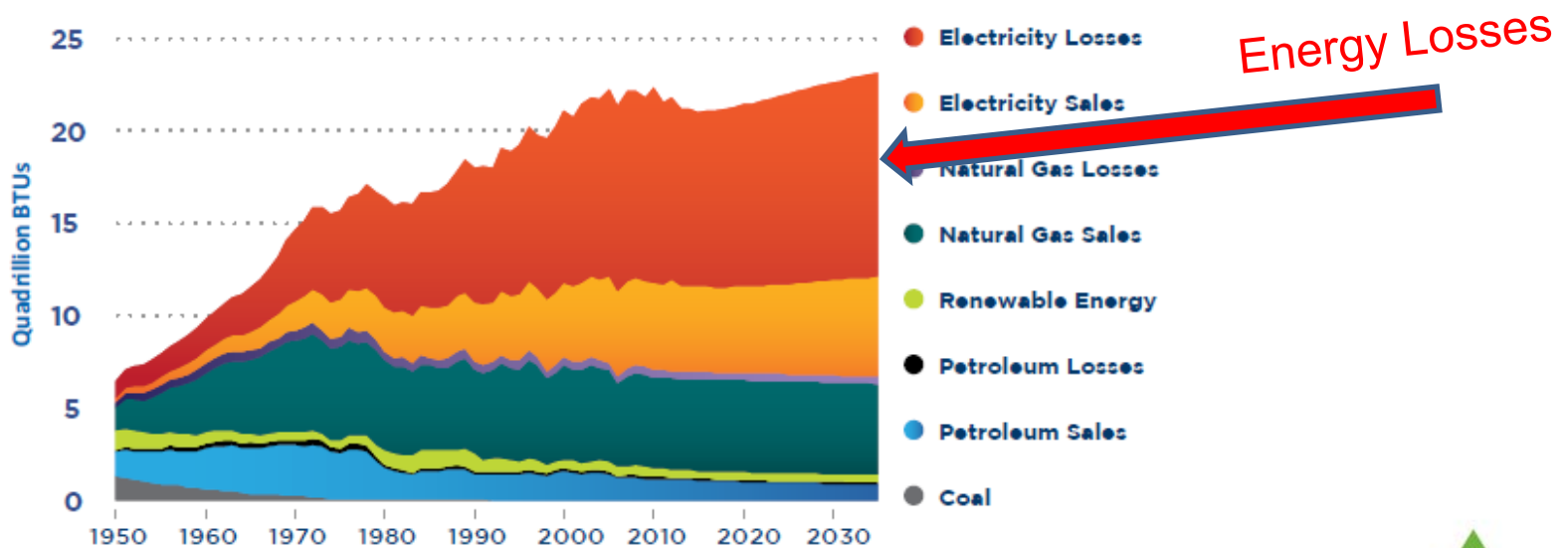


Energy Consumption Disconcerting Reality

Efficient Energy Use

Residential Energy Consumption

Expanding the direct use of natural gas in homes and businesses can reduce the energy lost in the generation and distribution of electricity.



Source: U.S. Department of Energy, Energy Information Administration

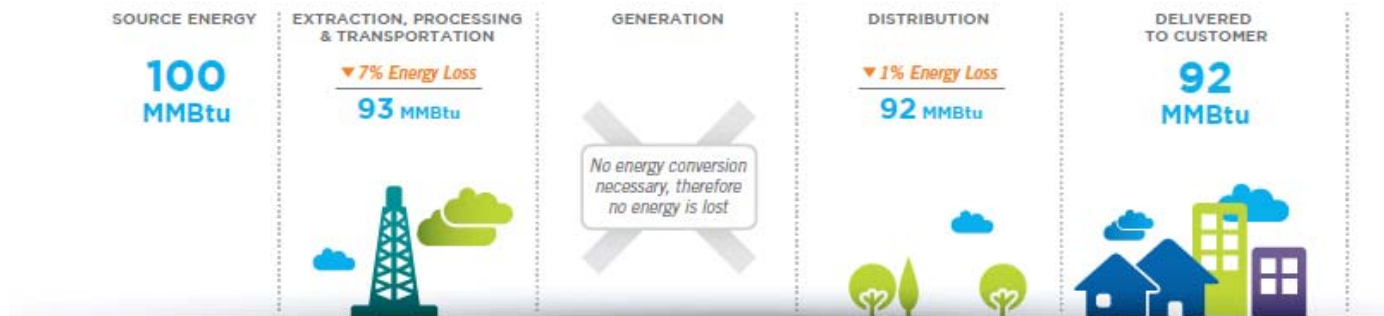
Source of Graphics: AGA Playbook 2014





Providing Energy To The End Use

Natural Gas



Electricity



*Based on 2007 actual generation mix of all energy sources

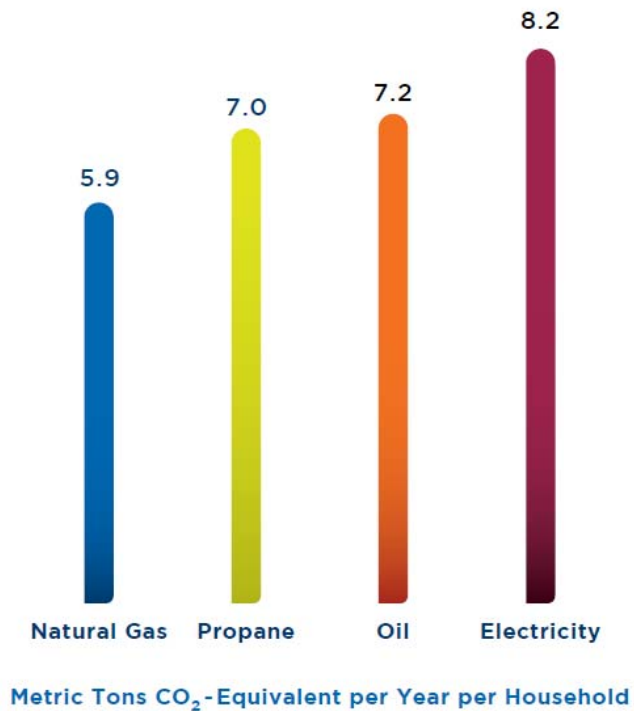
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Emissions

Full-Fuel Cycle Greenhouse Gas Emissions of a Typical Household

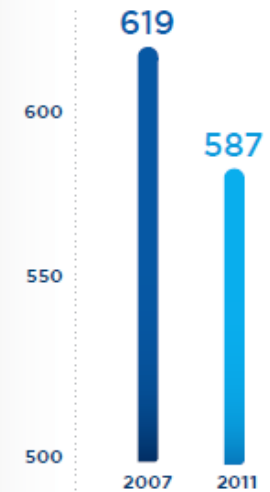


Using natural gas in homes **reduces greenhouse gas emissions.**



Natural gas systems accounted for 75% of decline in methane from 2007 to 2011.

U.S. Methane Emissions Decline (Million Metric Tons CO₂eq)



Source of Graphics: AGA Playbook 2014

