Comparison of retail Natural Gas versus Electric Rates for Food Service Operations

Average U.S. Price for1,000,000 BTUs (output) of
Commercial CookingPrice of
Natural Gas
for CookingPrice of
Electric for
Cooking\$ 17.37\$ 35.20

Assumptions:

- •US Electric and Natural Gas retail commercial prices from EIA data for the year 2009.
- •Statistics Canada 2005 for Ontario •1 MCF of Natural Gas = 1000 CF =
- 1.032,000 BTU
- •1KWH electric = 3412 BTU
- •Average foodservice equipment efficiency:

•55% Gas •85% Electric

•For comparison purposes, average annual electric and gas prices were converted to equivalent \$/MMBTU and then divided by average efficiency to derive a price of the energy delivered to the food being cooked.

