

Site versus source — What's the real story



Benefits beyond the costs of energy

Today, energy efficiency and environmental impacts are on everyone's mind. Understanding the real costs of the energy we consume in our buildings is also very important.

Statements about electricity being 100% efficient are misleading. That analysis simply focuses on the efficiency at the end use device — an energy-using piece of equipment — and doesn't take into account the entire energy delivery process from generation to end use. A significant amount of energy is wasted just to produce the electrical power that is ultimately delivered to your equipment.

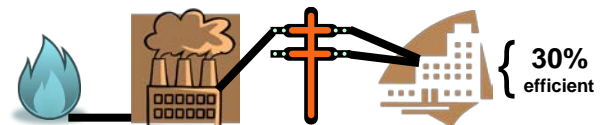
Natural gas goes directly from the well to your facility. More natural gas energy potential is delivered to your equipment on site, making natural gas a far more efficient energy choice overall.

Industry analysis shows that the production, transmission and delivery of electricity to the market has an overall efficiency of just 30%. This compares to natural gas at 90%.

These numbers reflect the total energy expended during the production-through-delivery process compared to the net energy delivered for use.

It is important to understand the true costs and environmental impacts your energy decisions make. To determine which energy choice is right for your next project, contact us for an analysis of energy and equipment options. You'll be glad you did — well into the future.

ELECTRIC



about 70% lost in generation and delivery

NATURAL GAS



about 10% lost in extraction and delivery



For more information, please contact the Energy Services Department at 302.736.7894.