

# ENERGY MATTERS

## Coming Clean On Clean Coal Technologies

(NAPSA)—In virtually all fields, products that were innovative in the past have been refined over time, and are now considered commonplace by today's standards.

For example, the first computers cost hundreds of thousands of dollars and filled an entire room. Now, laptop computers are so small that they fit into a backpack and are virtually as common in the American home as a television.

The same evolution of technology can be seen in clean coal technology. Decades ago, scientists and engineers designed innovative systems to boost the environmental performance of power plants that use coal.

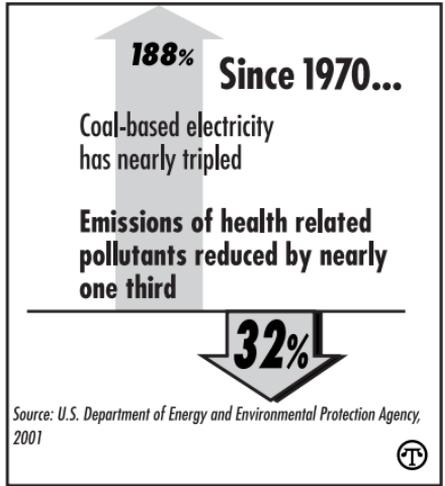
Most advances in clean coal technologies have occurred in two main areas:

- advanced pollution control systems to reduce sulfur dioxide and nitrogen oxide emissions; and
- super-clean, more efficient advanced power generation systems for new coal-based power plants that will power America in the decades to come.

Many of these technologies have now been commercialized for use throughout the existing electricity generation fleet.

These innovative devices make it possible for existing coal-based power plants, as well as newly constructed facilities, to meet more stringent environmental performance standards.

They have also made it possible to make use of America's vast reserves of coal to produce affordable, environmentally-friendly



### The use of technology reduces emissions and improves air quality.

electricity for American homes and businesses—making a contribution to both the environment and the economy.

While other technologies (like hydrogen fuel cells and solar panels) may some day play a greater role in meeting America's energy demand, traditional energy resources (like coal) will be indispensable.

Using clean coal technologies can reduce emissions and improve air quality in our communities. This is true for existing and new power plants equipped with advanced pollution control devices. Experts contend the same will be true for new power plants built to meet the growing demand for electricity and help further refine advanced generating technologies.

To learn more, visit the Web site at [www.ceednet.org](http://www.ceednet.org).