Advancing Clean Generation in New York

- Over the past seven years, independent power producers have built 22 wind farms across New York state totaling almost 560 megawatts and have proposed more than 7,600 additional megawatts of wind power projects.
- New York produces more hydroelectric power than any other state east of the Rocky Mountains.
- Nuclear power plants provide thousands of megawatts of reliable, emission-free baseload power.
- Coal-fired, cycle natural gas plants are extremely efficient, generating more power with less fuel.
- Advances made in clean coal technology will allow for the capture and sequestration of CO2.

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And Inside...

Flat screen televisions, computers and Internet-driven applications now deliver a wealth of information directly to our living space while taking up little more room than a hanging painting.

Electricity-driven climate control systems create a comfortable environment indoors no matter what the weather outside.

Wide spectrum, low-energy-use lighting brings ambiance and energy savings to any living space.

How electricity is improving modern life indoors

High speed cooking, ice and filtered water on demand and automated controls make home meal preparation more convenient and time-saving than ever.

New York Electricity Generators Are Producing Significantly More Reliable Electricity While Reducing Total Greenhouse Gas Emissions

Independent Power Producers - The Source of Your Power

A diverse fuel mix ensures generators can meet New York’s growing energy needs

GREETINGS:

Over the past two decades, New Yorkers have increasingly turned to electricity as the primary energy source to power our lives. Electricity is clean, convenient and delivered on-demand. The New York State Energy Research Development Authority (NYSERDA) reports that 41 percent of all the energy consumed in the state is through electricity. With the continued development of electric vehicles and other advanced applications, the percentage of energy powering our lives that comes from electricity is expected to continue to increase in the years to come.

While the total amount of electricity production has significantly increased over the past two decades, independent power producers have been working hard to lessen our impact on the environment. By employing cleaner fuels, advanced environmental controls and design, and a growing diet of renewable energy resources, independent power producers have actually been decreasing overall greenhouse gas and other emissions while providing significantly more power for the electricity-driven conveniences and necessities people depend on every day.

2008 Capacity by Fuel Type - Statewide

From air conditioners to flat screen televisions, convection ovens to computers, specialty lighting to satellite radios and mobile phones, electric power generated by independent producers is helping improve lives and environments for people across New York State, both outdoors and indoors.

*NYSCHAM Patterns and Trends - New York State Energy Projections (2006-2016)

Gas
36/15 MW
8%
Oil
156/12 MW
30%
Hydro
5000 MW
14%
Nuclear
5795 MW
13%
Other Renewable
848 MW
2%
Coal
3717 MW
8%
Wind
395 MW
1%

Source: 2008 NYS Energy Trends