

The electric industry restructuring law passed in 1997 by the Illinois General Assembly provides many benefits for all customers. In compliance with this law, electric utilities and suppliers provide an Environmental Disclosure Statement for the 12 months ending every quarter.

The information in this statement shows the breakdown of the different sources that generated electricity for ComEd customers and the average amounts of emissions and nuclear waste produced, between January 1, 2009 and December 31, 2009.

In addition to the electricity sources shown on the table and pie chart, ComEd also purchased renewable energy certificates (RECs) in the spring of 2008 and 2009 to fulfill its obligation under the Illinois Renewable Portfolio Standard. RECs represent the beneficial environmental attributes associated with renewable generation resources such as wind, hydroelectric, biomass, and solar. One REC is created for each megawatt hour of energy produced by a renewable generator. In 2008, ComEd procured a total of 796,040 RECs, of which approximately 72 percent were from wind generators located in Illinois and in nearby states. In 2009, ComEd procured a total of 1,564,360 RECs, 75 percent of which were from wind generators located in Illinois.



## ComEd Workshop Helps Students Gain Real-World Experience in Energy Efficiency

Students from six Chicago-area high schools received real-world experience in helping their municipalities reduce energy costs through an innovative, new state-initiated learning program sponsored by ComEd.

ComEd's "Approach to Energy Auditing" workshop is part of a public-private partnership between the Illinois Department of Commerce and Economic Opportunity and the Illinois State Board of Education. The program, which focuses on science, technology, engineering and math (STEM), provides students with opportunities to gain real-life skills through hands-on research. The goal is to boost academic achievement and improve transition rates to post-secondary education and employment.

With help from ComEd's Energy Efficiency Services department, students conducted energy audits of schools, community buildings and wastewater treatment plants depending on the interests of the schools and municipalities. Students then prepared reports for school and community boards with recommendations that would save energy and improve the environment.

In the Village of Manteno, students discovered operational changes that could reduce energy costs by 27 percent across four village buildings. Genoa-Kingston High School students recommended changes within school buildings that would reduce the lighting energy costs by up to 50 percent.

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## Environmental Disclosure Information

Twelve Months Ending December 31, 2009



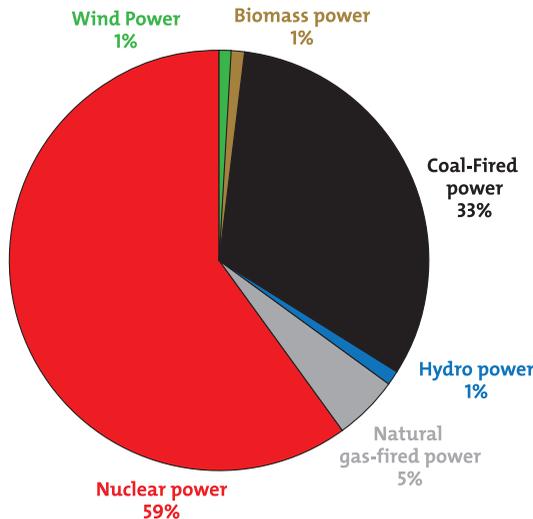
*The information contained in the Environmental Disclosure Statement is required by the Electric Service Customer Choice and Rate Relief Law of 1997 and the rules of the Illinois Commerce Commission.*

# ComEd's Environmental Disclosure Statement

The disclosure of this information is required under Section 16-127 of the Electric Service Customer Choice and Rate Relief Law of 1997 and the rules of the Illinois Commerce Commission, 83 Ill Admn. Code 421.

Sources <sup>1</sup> of Electricity Supplied for the 12 months ending December 31, 2009	Percentage of Total
Biomass power	1%
Coal-fired power	33%
Hydro power	1%
Natural gas-fired power	5%
Nuclear power	59%
Oil-fired power	0%
Solar power	0%
Wind power	1%
Other resources	0%
Unknown resources purchased from other companies	0%
TOTAL	100%

## Sources of Electricity Supplied for the 12 months ending December 31, 2009



### AVERAGE AMOUNTS OF EMISSIONS<sup>2</sup> and AMOUNT OF NUCLEAR WASTE<sup>3</sup> per 1000 kilowatt-hours (kWh) PRODUCED FROM KNOWN SOURCES for the 12 months ending December 31, 2009

Carbon dioxide	743.46 lbs.
Nitrogen oxides	1.06 lbs.
Sulfur dioxide	3.54 lbs.
High level nuclear waste	0.006 lbs
Low level nuclear waste	0.0003 cubic feet

<sup>1</sup> These figures constitute the aggregation of information provided by ComEd's wholesale energy suppliers, many of whom have indicated that their source is the "PJM system mix." The PJM system mix is the collective generation produced within the PJM interconnection, which is the regional transmission organization that maintains the safety, reliability, and security of the transmission system and operates an efficient and effective wholesale electric market in 13 states and the District of Columbia. ComEd's electric service territory is within the PJM footprint.

<sup>2</sup> The source for the baseline emissions data for the portion of the emissions that are associated with PJM system mix is PJM Environmental Information Services, Inc., (www.pjm-eis.com) For energy that is sourced from the PJM system mix, emissions rates are calculated using the most current emissions data from the Quarterly PJM System Mix by Fuel Reports. These reports exclude the effects of energy imports, exports, external generation and behind-the-meter generation. Those quarterly reports also exclude the effects of any claims on any specific component(s) of the mix.

<sup>3</sup> Nuclear Waste rates were calculated based on Generation Net for Sale.