

# Environmental Disclosure Information

Twelve Months Ending December 2008



*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 Receives Recognition for its Environmental Management System

ComEd recently received ISO 14001 certification of its Environmental Management System (EMS), an important validation of ComEd's commitment to the environment and its key role in helping Illinois become a national leader in environmental stewardship.



The crucial role of ComEd's EMS is to manage environmental risk and minimize the company's impact on the environment. The ISO 14001 EMS certification confirmed that ComEd's EMS has achieved certain elements demonstrating its commitment to full environmental policy compliance, pollution prevention, constantly improving, and using natural resources more efficiently.

ComEd is one of the largest electric utilities in the United States to receive ISO 14001 certification. Recognizing the need to take action on the growing threat of climate change, ComEd's comprehensive environmental strategy emphasizes greenhouse gas reductions through its green fleet, internal energy efficiency improvements, prairie restoration and recycling, as well as a host of energy efficiency programs for its customers.

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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 on 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, 2008 and December 31, 2008.

At least 61 percent of the electricity that ComEd delivers is nuclear power, 4 percent is natural gas-fired power, and hydroelectric power is nearly 1 percent. All of these sources have lower emissions of carbon dioxide, nitrogen oxides and sulfur dioxide than coal-fired generation.

For comparison purposes, the following shows the PJM Interconnection<sup>1</sup> system mix averages for sources of electricity generation and emissions for the 12 months ending December 2008.<sup>2</sup>

### PJM System Mix Sources (Rounded to the nearest whole percent)

Coal-fired power	56%
Hydro power	1%
Natural gas-fired power	7%
Nuclear power	35%
All others	1%

### PJM System Mix Emissions (Pounds per 1000 kilowatt-hours)

Carbon dioxide	1,219.54 lbs.
Nitrogen oxides	1.99 lbs.
Sulfur dioxide	7.02 lbs.

In addition to the electricity sources shown on the table and pie chart inside, ComEd also purchased 589,932 wind Renewable Energy Certificates (RECs)<sup>3</sup> and 206,108 RECs from other renewables such as hydroelectric and biomass to fulfill its 2008-2009 obligation with the Illinois Renewable Portfolio Standard.

<sup>1</sup> PJM Interconnection (www.pjm.com) is a regional transmission organization. It 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. The PJM Interconnection system is the primary source of supply for ComEd.

<sup>2</sup> The data source for the PJM System Mix, generation fuel mix and the emissions is PJM Environmental Information Services, Inc. (www.pjm-eis.com)

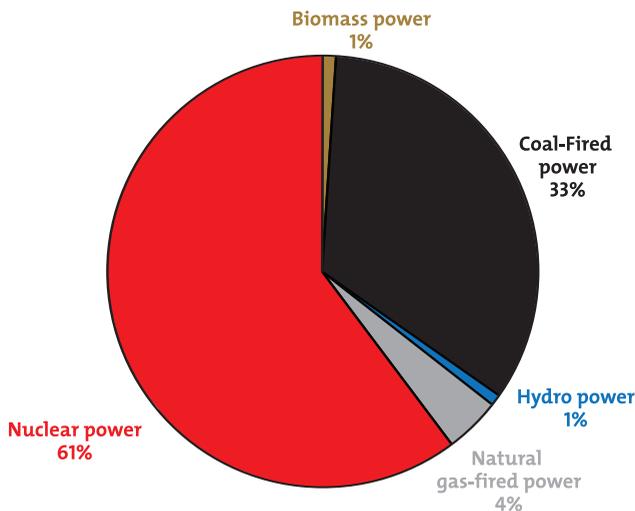
<sup>3</sup> Purchases of renewable energy credits are not shown on the chart, but are discussed separately in the text.

## 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 of Electricity Supplied for the 12 months ending December 31, 2008	Percentage of Total
Biomass power	1%
Coal-fired power	33%
Hydro power	1%
Natural gas-fired power	4%
Nuclear power	61%
Oil-fired power	0%
Solar power	0%
Wind power	0%
Other resources	0%
Unknown resources purchased from other companies	0%
TOTAL	100%

### Sources of Electricity Supplied for the 12 months ending December 31, 2008



**AVERAGE AMOUNTS OF EMISSIONS<sup>4</sup> and  
AMOUNT OF NUCLEAR WASTE<sup>5</sup>  
per 1000 kilowatt-hours (kWh)  
PRODUCED FROM KNOWN SOURCES  
for the 12 months ending December 31, 2008**

Carbon dioxide	738.29 lbs.
Nitrogen oxides	1.26 lbs.
Sulfur dioxide	3.93 lbs.
High level nuclear waste	0.006 lbs
Low level nuclear waste	0.0004 cubic feet

<sup>4</sup> For supplies 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>5</sup> Nuclear Waste rates were calculated based on Generation Net for Sale.