

Media: Tom Robinson
(816) 556-2902

Investor: Todd Allen
(816) 556-2083

FOR IMMEDIATE RELEASE

Kansas City Power & Light Selects Developer and Contractor for Construction of Wind-Powered Generation Project

*enXco Chosen to Develop Spearville, KS Site for Wind Facility
that will Provide Environmental and Economic Benefits*

Kansas City, Mo. — (December 13, 2005) — Kansas City Power & Light (KCP&L), a subsidiary of Great Plains Energy (NYSE: GXP), announced today that enXco, Inc., has been selected to develop and construct KCP&L's first wind-powered generation project. The 100.5-megawatt Spearville Wind Energy Facility will be constructed near Spearville, KS, approximately 17 miles northeast of Dodge City, and is scheduled to be in service by October 1, 2006.

“Renewable energy is an important component of our comprehensive plan to meet the growing energy needs of the Kansas City area,” said Mike Chesser, Chairman and CEO of Great Plains Energy. “Along with our new power plant near Weston, Mo. demand response and energy efficiency programs, the wind facility is part of our balanced approach to power generation that will provide significant environmental and economic benefits.”

The wind farm project supports Kansas Governor Kathleen Sebelius' challenge to the Kansas Energy Council to “develop low-cost, reliable and renewable energy sources” while balancing conservation and environmental needs.

“I applaud KCP&L for responding to my challenge to move Kansas into a new era of energy production in an environmentally responsible manner,” said Governor Sebelius. “Kansas is one of the top wind-producing states in the country, and KCP&L's investment in this project is a giant step toward Kansas harnessing our considerable renewable energy resources, while safeguarding the environment.”

KCP&L considered multiple locations and environmental issues, wind resources and access to transmission lines before selecting the Spearville site.

“As part of our diverse energy generation portfolio, the Spearville Wind Energy Facility will help provide a clean, affordable source of energy for years to come,” said

Bill Downey, president and CEO of KCP&L. “Spearville is an ideal location for this facility because it offers strong wind resources, meets our environmental guidelines and has the support of landowners and the community.”

“enXco is delighted to have been awarded with this milestone project for KCP&L. It certainly reflects on enXco's superb track record as a top tier developer in the Wind Power industry as well as our ability to work with utilities across the country,” said David Corchia, enXco's Chief Executive Officer. “We have worked with the Spearville community for the last couple years in developing this project; and enXco looks forward, with the community's continued help and support, to capitalize further on this vast wind resource with a premier utility like KCP&L.”

“KCP&L has strived to be sensitive to natural resources of special concern in Kansas with this selection process and is providing the type of corporate leadership that everyone should applaud,” said Ron Klataske, executive director, Audubon of Kansas. “This appears to be a win-win selection for KCP&L, appropriate wind power development, the community of Spearville and the state.”

“The site does not include irreplaceable native prairie landscapes, wetlands or other critical wildlife habitats,” continued Klataske. “It does not appear to be located in a major migratory bird concentration or “thoroughfare” area, will not substantially degrade important grassland bird nesting areas, and will not adversely impact any of the state’s most acclaimed scenic resources.”

Headquartered in Kansas City, MO., KCP&L (www.kcpl.com) is a leading regulated provider of electricity in the Midwest. KCP&L is a wholly owned subsidiary of Great Plains Energy Incorporated (NYSE: GXP), the holding company for KCP&L and Strategic Energy LLC, a competitive electricity supplier.

enXco (www.enxco.com) develops, constructs, operates and manages wind energy projects throughout the United States. Since 1987, enXco has grown to be a significant owner of wind-energy installations in the United States (298 MW) and one of the leading and largest O & M 3rd party providers for wind farms, currently servicing more than 4,000 turbines and more than 1,000 MW. Since 2002 enXco has been an affiliate of EdF Energies Nouvelles.

CERTAIN FORWARD-LOOKING INFORMATION— Statements made in this release that are not based on historical facts are forward-looking, may involve risks and uncertainties, and are intended to be as of the date when made. In connection with the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, the Company is providing a number of important factors that could cause actual results to differ materially from the provided forward-looking information. These important factors include: future economic conditions in the regional, national and international markets, including but not limited to regional and national wholesale electricity markets; market perception of the energy industry and the Company; changes in business strategy, operations or development plans; effects of current or proposed state and federal legislative and regulatory actions or developments, including, but not limited to, deregulation, re-regulation and restructuring of the electric utility industry and constraints placed on the Company's

actions by the Public Utility Holding Company Act of 1935; adverse changes in applicable laws, regulations, rules, principles or practices governing tax, accounting and environmental matters including, but not limited to, air quality; financial market conditions and performance including, but not limited to, changes in interest rates and in availability and cost of capital and the effects on the Company's pension plan assets and costs; ability to maintain current credit ratings; inflation rates; effectiveness of risk management policies and procedures and the ability of counterparties to satisfy their contractual commitments; impact of terrorist acts; increased competition including, but not limited to, retail choice in the electric utility industry and the entry of new competitors; ability to carry out marketing and sales plans; weather conditions including weather-related damage; cost, availability, quality and deliverability of fuel; ability to achieve generation planning goals and the occurrence and duration of unplanned generation outages; delays in the anticipated in-service dates of additional generating capacity; nuclear operations; ability to enter new markets successfully and capitalize on growth opportunities in non-regulated businesses; performance of projects undertaken by the Company's non-regulated businesses and the success of efforts to invest in and develop new opportunities; and other risks and uncertainties. This list of factors is not all-inclusive because it is not possible to predict all factors.

###