

FOR IMMEDIATE RELEASE

KCP&L Appoints Vice President of Energy Solutions

Kevin Bryant to oversee programs and services for residential, commercial and industrial customers

KANSAS CITY, MO, August 16, 2006 - Kansas City Power & Light (KCP&L) announced the promotion of Kevin Bryant to vice president of Energy Solutions. Bryant comes to this position from KCP&L's service company, where he was Manager of Corporate Finance.

Bryant brings experience in a wide range of financial areas including analysis, cash management, financial models and mergers and acquisitions. He will report to John Marshall, senior vice president, Delivery for KCP&L who remarked, "Partnerships and collaboration with customers on innovative energy solutions has helped us aggressively pursue demand side and energy efficiency initiatives. As we refine current programs and implement additional initiatives, Kevin's strategic insight and experience in finance and marketing will provide a tremendous benefit to customers."

Prior to joining the service company in 2003, Bryant was manager of strategic planning for THQ Inc., a worldwide developer and publisher of interactive entertainment software. As a corporate financial analyst for what is now known as UBS Paine Webber, Bryant handled mergers and acquisitions for medium and large-sized companies. At Hallmark Cards, he was a financial analyst.

Bryant holds a bachelor's degree from the University of Missouri - Columbia with a dual major in Finance and Real Estate, and received his MBA from The Stanford University Graduate School of Business with an emphasis in finance and marketing.

The Energy Solutions department at KCP&L manages a diverse portfolio of programs and services for residential, commercial and industrial customers. The department maintains and creates corporate revenue; diversifies the revenue stream; builds customer satisfaction; and identifies, develops and implements new strategic initiatives to establish the company as an energy industry leader.

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, L.L.C., a competitive electricity supplier.

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. Forward-looking statements include, but are not limited to, statements regarding projected delivered volumes and margins, the outcome of regulatory proceedings, cost estimates of the comprehensive energy plan and other matters affecting future operations. 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 Great Plains Energy; 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; decisions of regulators regarding rates KCP&L can charge for electricity; adverse changes in applicable laws, regulations, rules, principles or practices governing tax, accounting and environmental matters including, but not limited to, air and water 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 pension plan assets and costs; 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 and cost increases of additional generating capacity; nuclear operations; ability to enter new markets successfully and capitalize on growth opportunities in non-regulated businesses and the effects of competition; application of critical accounting policies, including, but not limited to, those related to derivatives and pension liabilities; workforce risks including compensation and benefits costs; performance of projects undertaken by non-regulated businesses and the success of efforts to invest in and develop new opportunities and other risks and uncertainties. Other risk factors are detailed from time to time in the Company's most recent quarterly report on Form 10-Q or annual report on Form 10-K filed with the Securities and Exchange Commission. This list of factors is not all-inclusive because it is not possible to predict all factors.