



KCP&L GREATER MISSOURI OPERATIONS FILES REQUEST TO IMPLEMENT DEMAND SIDE MANAGEMENT PROGRAMS WITH MISSOURI PUBLIC SERVICE COMMISSION

***Company files request in response to the
Missouri Energy Efficiency Investment Act.***

Kansas City, Mo. (December 7, 2011) – KCP&L Greater Missouri Operations (formerly Aquila), subsidiary of Great Plains Energy Incorporated (NYSE: GXP), today filed a request to implement a portfolio of demand side management programs with the Missouri Public Service Commission (MPSC). The request, which is subject to regulatory approval, would implement a number of energy efficiency and demand response programs that would become available to customers in June 2012. This request continues KCP&L Greater Missouri Operations (KCP&L-GMO) efforts to actively develop and promote programs that help Missouri residents save energy.

If approved, the request also includes a Demand Side Program Investment Mechanism (DSIM) rider that will be added to monthly KCP&L-GMO bills in June 2012. This charge reimburses KCP&L-GMO for costs spent developing the programs on behalf of Missouri customers and establishes an incentive sharing mechanism where the Company and the Customer may both benefit from program savings. By helping customers save energy, KCP&L-GMO is able to better manage regional energy demand and keep costs affordable, proactively support environmental initiatives and defer the costs of constructing new power plants and generation units. The DSIM charge will appear as a new line item in the Billing Details section of your bill and is based on the number of kilowatt-hours you use each month. The DSIM rate will be adjusted and reviewed by the Commission annually to account for any changes in the portfolio. Under the rider a typical Missouri residential customer's rates would increase by an average of about 2% or about \$2.50 per month.

Customers may learn more about the DSIM rider at www.kcpl.com/about/moRateSched.html.

About The Companies:

Headquartered in Kansas City, Mo., Great Plains Energy Incorporated (NYSE: GXP) is the holding company of Kansas City Power & Light Company and KCP&L Greater Missouri Operations Company, two of the leading regulated providers of electricity in the Midwest. Kansas City Power & Light and KCP&L Greater Missouri Operations use KCP&L as a brand name. More information about the companies is available at: <http://www.greatplainsenergy.com> or www.kcpl.com.

###

Forward-Looking Statements:

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, 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 registrants are 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 regional, national and international markets and their effects on sales, prices and costs, including, but not limited to, possible further deterioration in economic conditions and the timing and extent of any economic recovery; prices and availability of electricity in regional and national wholesale markets; market perception of the energy industry, Great Plains Energy, KCP&L and GMO; 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 and GMO 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 credit spreads and in availability and cost of capital and the effects on nuclear decommissioning trust and pension plan assets and costs; impairments of long-lived assets or goodwill; 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, but not limited to, weather-related damage and their effects on sales, prices and costs; cost, availability, quality and deliverability of fuel; ability to achieve generation planning goals and the occurrence and duration of planned and unplanned generation outages; delays in the anticipated in-service dates and cost increases of additional generating capacity and environmental projects; nuclear operations; workforce risks, including, but not limited to, retirement compensation and benefits costs; the ability to successfully integrate KCP&L and GMO operations and the timing and amount of resulting synergy savings; and other risks and uncertainties.

KCP&L Media Contact:

Katie McDonald, Director of Corporate Communications, 816-556-2365,
katie.mcdonald@kcpl.com

Great Plains Energy Investor Contact:

Ellen Fairchild, Senior Director of Investor Relations and Assistant Secretary,
816-556-2083, ellen.fairchild@kcpl.com