

In the Matter of the Application of)
 Kansas City Power & Light Company for)
 Permission and Approval and a Certificate)
 of Public Convenience and Necessity)
 Authorizing It to Acquire, Construct, Install,)
 Own, Operate, Maintain, and Otherwise)
 Control and Manage Electrical Production)
 and Related Facilities in the Smart Grid)
 Project Area of Jackson County, Missouri)

² All statutory references are to the Missouri Revised Statutes (2000), as amended to date.

2. Applicant has no pending actions against it from any state or federal agency or court that involves customer service or rates, which has occurred within three years of the date of this Application. No annual report or assessment fees are overdue.

3. Pleadings, notices, orders and other correspondence and communications concerning this Application should be addressed to the undersigned counsel and:

Tim Rush
Director, Regulatory Affairs
Kansas City Power & Light Company
1200 Main Street
Kansas City, Missouri 64105
Phone: (816) 654-1763
Fax: (816) 556-2110
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4. This application is in request of a certificate of public convenience and necessity (CCN) for a group of new distributed electrical production facilities to be built in KCP&L's SmartGrid Project area in Kansas City, Missouri and which will be fueled with a renewable source energy, specifically, solar energy (the "Project"). The Project is part of the Company's SmartGrid Demonstration project.

The proposed electrical production facilities will be located primarily on roof-tops of schools, commercial facilities and residences. These facilities will all be located in the SmartGrid Demonstration Area that roughly stretches from Main Street (W) to Benton Boulevard/Swope Parkway (E), and 35th Street (N) to 52nd Street (S).

The exact locations of the Project installations are yet to be determined. Through research and outreach the locations will be selected based upon various criteria utilized to identify the best suited locations. The Project will be comprised of installations similar in size to the following:

- Schools - 100 kw
- Tier 1 Customer(s) - 30 kw

- Neighborhood Association Facility - 20 kw
- Community Center - 10 kw
- Customer Residence(s) - 15 kw
- KCP&L Substation - 5 kw

The proposed electrical production facilities will consist of distributed solar generation with an additive nameplate capacity of approximately 180 kW. Each facility will be connected to the distribution line in proximity to the installation.

5. The total estimated cost for the Project is approximately \$1,340,000. This cost includes a lease amount, which will be paid to the property owner, as part of the agreement for KCP&L's use of the rooftop for up to 20 years. The Project's plans have not yet been finalized. Pursuant to 4 CSR 240-3.105(2), KCP&L will submit such plans at a later date.

6. KCP&L does not believe that local zoning laws will be impacted by the Project. Building permits for the Project will be obtained by the contractors installing the Project on behalf of KCP&L. KCP&L will submit such permits as soon as they are available.

7. The Project will be financed using general KCP&L funds. The United States Department of Energy (DOE) will reimburse the Company one-half of the costs for the Project

8. In the alternative, should the Commission believe that no CCN is necessary due to the small size of the Project (approximately 180kW), the Company requests that the Commission issue an order disclaiming jurisdiction over the Project.

Public Convenience and Necessity

9. The certificate sought by KCP&L must be granted if the proposed construction is "necessary or convenient for the public service." Section 393.170.3, RSMo. As used in the Public Service Commission Law, necessity means the improvement is "highly important to the public convenience and desirable for the public welfare. ..." State ex rel. Missouri Kansas and

Oklahoma Coach Lines, Inc., et al. v. Public Service Commission, 179 S.W.2d 132, 136 (Mo. App. 1944). Necessity does not require that the improvement be “essential or absolutely indispensable.” Id. Moreover, if the granting of the authorization serves a genuine and reasonable public interest in promptness and economy of service, then the public “convenience and necessity” or “pubic need” is served. In the Matter of Applications of: Churchill Truck Lines, Inc., et al., 27 Mo.P.S.C. (N.S.) 430 (June 20, 1985), (citing State ex rel. Beaufort Transfer Co. v. Clark, 504 S.W.2d 216, 219 (Mo. App. 1973).

10. Construction of the Project is consistent with the Company’s commitment to develop renewable sources of power where reasonable and desirable for the public, including its customers.

11. The location of the Project is desirable because it will provide environmental benefits as well as providing a diversified energy resource to serve the community. The Project will be an eligible renewable energy resource and each renewable energy credit generated from the Project will be eligible for 1.25 renewable energy credits under Section 393.1030 of the Missouri Renewable Energy Standard. Additionally, this project will become part of the renewable energy portfolio that will go towards meeting the requirements under Missouri Proposition C and 4 CSR 240-20.100 Electric Utility Renewable Energy Standard Requirements.

12. KCP&L requests approval of this Application by June 15, 2011 so that certain Project installations can be part of an anticipated public event, to be held sometime this summer, highlighting American Recovery and Reinvestment Act (ARRA) funded projects in and around the Green Impact Zone. KCP&L’s SmartGrid project is an ARRA funded project.

Waiver of 4 CSR 240-4.020

13. KCP&L requests a waiver for good cause of 4 CSR 240-4.020 (Ex Parte and Extra Record Communications Rule). Section 2 of the rule requires a notice to be filed with the Commission 60 days prior to filing a contested case. KCP&L requests a waiver of the 60-day notice requirement as it needs Commission approval by June 15, 2011 the Project can be a part of an anticipated ARRA-related public event to be held in early summer. Waiting 60 days to file the CCN application would mean that the Project could not be part of this event. In addition, KCP&L does not believe Staff or Public Counsel will be prejudiced by the granting of this waiver.

Requested Action from the Commission

WHEREFORE, KCP&L respectfully requests that the Commission issue its order:

- a. Granting the Company a waiver from the requirements of 4 CSR 240-4.020(2).
- b. Either disclaiming jurisdiction over the Project or, in the alternative, granting the Company permission and approval and a certificate of public convenience and necessity to construct, install, own, operate, maintain, and otherwise control and manage electrical power production and related facilities associated with the Project as well as all facilities, structures, fixtures, transformers, breakers, installations, and equipment related thereto now existing or to be constructed for the production and transmission of electrical power and energy related to the Project;
- c. Finding that the granting of the authority requested by this application is required by the public convenience and necessity; and

- d. Making such other orders and findings as are appropriate in the circumstances.

Respectfully submitted,

/s/ Roger W. Steiner
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Attorneys for KCP&L

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the above and foregoing document was delivered by first class mail, electronic mail or hand delivery, on this 6th day of May, 2011 to the following:

General Counsel
Missouri Public Service Commission
200 Madison Street, Suite 800
P.O. Box 360
Jefferson City, MO 65102-0360

Office of the Public Counsel
Governor Office Building
200 Madison Street, Suite 650
P.O. Box 2230
Jefferson City, MO 65102-2230

/s/ Roger W. Steiner

AFFIDAVIT

State of Missouri)
) ss
County of Jackson)

I, Tim Rush, having been duly sworn upon my oath, state that I am the Director of Regulatory Affairs of Kansas City Power & Light Company ("KCPL"), that I am duly authorized to make this affidavit on behalf of the Applicant, and that the matters and things stated in the foregoing pleading are true and correct to the best of my information, knowledge and belief.


Tim Rush

Subscribed and sworn before me this 6th day of May, 2011.