## **BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI**

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In the Matter of Union Electric Company d/b/a AmerenUE for Authority to File Tariffs Increasing Rates for Electric Service Provided to Customers in the Company's Missouri Service Area.

Case No. ER-2010-0036

## PUBLIC COUNSEL'S APPLICATION FOR REHEARING

COMES NOW the Office of the Public Counsel ("Public Counsel") and for its Application for Rehearing states as follows:

1. On May 28, 2010, the Commission issued its Report and Order with an effective date of June 7, 2010. That Report and Order is unlawful, unjust, and unreasonable in that it is not based upon competent and substantial evidence of record and is contrary to the weight of the evidence. The Commission's Report and Order is unjust and unreasonable and not based on competent and substantial evidence in that it fails to make findings of the basic facts that support its conclusions. The Report and Order is unjust, unreasonable, arbitrary and capricious, and unlawful for the following reasons.

2. The Commission was wrong in stating "Public Counsel's time of use method is also unreliable because it considers every hour in the year to be a demand peak. As a result, the actual peaks in usage are given no additional weight."

3. The Time of Use (TOU) method as employed by Public Counsel in this case assigns production investment to each hour of the year that the specific production occurs. The method then sums each class's share of hourly investments based on those hours when the class actually uses the system. This method involves examining the production cost and load demand

for each hour of the year so it reflects both peak period use and the average of use throughout the year. (Ex. 307, pg. 4) Of all the production allocation methods proposed in this case, the Time of Use allocator is the only method that assigns production costs on such a granular basis. (Ex. 309 pg. 5)

4. Public Counsel relied on the RealTime model to simulate generation dispatch needed to satisfy customer load requirements for each hour of the year. (Ex. 307, pg 8) Generation investment costs for each plant were proportionally assigned to the hours that the respective plant produced and then assigned to customer classes based on each class's share of load demand during the respective hour. (Ex. 307, pg 9) In other words, the costs associated with relatively higher cost production plants used to meet peak demand were assigned to customer classes in proportion to each class's demand during the peak hours.

5. The Time of Use Allocator assigns costs based on generation plant use during each hour of the year. It is superior to methods that allocate the total production cost based in large part on class demand in only a single or only a few peak hours of the year. Allocators that overly focus on use in only a few peak hours unfairly over-allocate costs to the residential and small general service class because the capacity costs actually vary by hour depending on the plants in use. (Ex. 307 pg. 10) For example, the Average and Excess method assigns over 55% of production investment costs based on only .05% of yearly hours. (Ex. 311 pg. 8-9)

6. The TOU allocator does not unfairly assign cost to large customers. Instead, for each hour, the TOU allocator appropriately assigns the same capacity cost per hour to each class taking service during the hour based on the configuration of plants needed to serve the hour's total load. As a result, all customer classes pay the same higher level of costs when peaking plants are operating and the same lower level of cost when they are not running. Large high load

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factor customers use the system at the same time as smaller lower load factor customers and benefit from the economies of scale and off-system sales opportunities created by sharing production facilities with smaller lower load factor customers. It is reasonable and appropriate that large high load factor customers pay the same cost in each hour that they use the system as the cost paid in the same hour by smaller lower load factor customers. (Ex. 311, pg. 4)

7. The Time of Use Allocator is consistent with the Probability of Dispatch Method listed in the NARUC Electric Cost Allocation Manual as a method for developing an allocator for production costs. (Ex. 307 pg. 7-8)

8. The Commission was wrong in stating:

The Peak and Average method, in contrast, initially allocates average costs to each class, but then, instead of allocating just the excess of the peak usage period to the various classes to the cost causing classes, the method reallocates the entire peak usage to the classes that contribute to the peak. Thus, the classes that contribute a large amount to the average usage of the system but add little to the peak, have their average usage allocated to them a second time. Thus, the Peak and Average method double counts the average system usage, and for that reason is unreliable.

9. The Average and Peak method is intentionally designed to give weight to both the class share of average demand and the class share of the system peak. This does not constitute double counting but simply a different theoretical basis for the allocator than is used in the Average and Excess method. The Average and Peak components of the allocator represent two distinctly different considerations. The Average component reflects that a portion of demand is not sensitive to factors that change throughout the year while the Peak component represents the allocation associated with factors that do change throughout the year such as weather. Considering the characteristics of four "like" periods, each of which is a potential peak period, recognizes that the characteristics of demand may vary by class depending on exactly when the peak demand occurs. (Exhibit 311, pg. 5)

10. The TOU allocator, the Staff's capacity utilization allocator and the Staff and OPC A&P allocators all attempt to mirror on- and off-peak use that actually occurs on the system. However, the Average and Excess method allocates the Excess Demand portion of the allocator based on fictional non-coincident peaks that may exceed the actual maximum demand ever experienced on the system in the test year. (Exhibit 311, pg. 5-6)

WHEREFORE Public Counsel respectfully requests that the Commission grant rehearing of its May 28, 2010 Report and Order.

Respectfully submitted,

OFFICE OF THE Public Counsel

## /s/ Lewis R. Mills, Jr.

By:\_\_

Lewis R. Mills, Jr. (#35275) Public Counsel P O Box 2230 Jefferson City, MO 65102 (573) 751-1304 (573) 751-5562 FAX <u>lewis.mills@ded.mo.gov</u>

## **CERTIFICATE OF SERVICE**

I hereby certify that copies of the foregoing have been mailed, emailed or hand-delivered to the following this 4th day of June 2010:

General Counsel Office Missouri Public Service Commission Office of the Public Counsel 200 Madison Street, Suite 800 P.O. Box 360 Jefferson City, MO 65102 GenCounsel@psc.mo.gov

Coffman B John AARP 871 Tuxedo Blvd. St. Louis, MO 63119-2044 john@johncoffman.net

Comley W Mark Charter Communications (Charter) 601 Monroe Street., Suite 301 P.O. Box 537 Jefferson City, MO 65102-0537 comleym@ncrpc.com

OKeefe M Kevin City of O'Fallon, Missouri 130 S. Bemiston, Ste. 200 Clayton, MO 63105 kokeefe@lawfirmemail.com

OKeefe M Kevin City of Rock Hill, Missouri 130 S. Bemiston, Ste. 200 Clayton, MO 63105 kokeefe@lawfirmemail.com

OKeefe M Kevin City of University City, Missouri 130 S. Bemiston, Ste. 200 Clayton, MO 63105 kokeefe@lawfirmemail.com

Evans A Michael **IBEW Local Union 1439** 7730 Carondelet, Suite 200 St. Louis, MO 63105 mevans@hammondshinners.com Mills Lewis 200 Madison Street, Suite 650 P.O. Box 2230 Jefferson City, MO 65102 opcservice@ded.mo.gov

Glick G Thomas Association of Community Organizations for Reform Now 7701 Forsyth Blvd, Ste 800 St. Louis, MO 63105 tglick@dmfirm.com

Lumley J Carl City of O'Fallon, Missouri 130 S. Bemiston, Ste 200 St. Louis, MO 63105 clumley@lawfirmemail.com

Lumley J Carl City of Rock Hill, Missouri 130 S. Bemiston. Ste 200 St. Louis, MO 63105 clumley@lawfirmemail.com

Lumley J Carl City of University City, Missouri 130 S. Bemiston, Ste 200 St. Louis, MO 63105 clumley@lawfirmemail.com

Coffman B John Consumers Council of Missouri 871 Tuxedo Blvd. St. Louis, MO 63119-2044 john@johncoffman.net

Schroder A Sherrie **IBEW Local Union 1455** 7730 Carondelet Ave., Ste 200 St. Louis, MO 63105 saschroder@hammondshinners.com Williams Nathan Missouri Public Service Commission 200 Madison Street, Suite 800 P.O. Box 360 Jefferson City, MO 65102 Nathan.Williams@psc.mo.gov

Dodge C John Charter Communications (Charter) 1919 Pennsylvania Ave. NW, Suite 200 Washington, DC 20006 johndodge@dwt.com

Curtis Leland City of O'Fallon, Missouri 130 S. Bemiston, Suite 200 St. Louis, MO 63105 lcurtis@lawfirmemail.com

Curtis Leland City of Rock Hill, Missouri 130 S. Bemiston, Suite 200 St. Louis, MO 63105 lcurtis@lawfirmemail.com

Curtis Leland City of University City, Missouri 130 S. Bemiston, Suite 200 St. Louis, MO 63105 lcurtis@lawfirmemail.com

Schroder A Sherrie **IBEW Local Union 1439** 7730 Carondelet Ave., Ste 200 St. Louis, MO 63105 saschroder@hammondshinners.com

Evans A Michael **IBEW Local Union 1455** 7730 Carondelet, Suite 200 St. Louis, MO 63105 mevans@hammondshinners.com Schroder A Sherrie **IBEW** Local Union 2 7730 Carondelet Ave., Ste 200 St. Louis, MO 63105 saschroder@hammondshinners.com

Evans A Michael **IBEW Local Union 309** 7730 Carondelet, Suite 200 St. Louis, MO 63105 mevans@hammondshinners.com

Schroder A Sherrie **IBEW Local Union 702** 7730 Carondelet Ave., Ste 200 St. Louis, MO 63105 saschroder@hammondshinners.com

Evans A Michael International Union of Operating Engineers-Local No 148 7730 Carondelet, Suite 200 St. Louis, MO 63105 mevans@hammondshinners.com

Steiner W Roger Kansas City Power & Light Company Laclede Gas Company 4520 Main Street, Suite 1100 Kansas City, MO 64111 rsteiner@sonnenschein.com

Pendergast C Michael 720 Olive Street. Suite 1520 St. Louis, MO 63101

mpendergast@lacledegas.com

Kansas City, MO 64141-9679

Victoria.Schatz@kcpl.com

Evans A Michael

**IBEW** Local Union 2

St. Louis, MO 63105

Schroder A Sherrie

**IBEW Local Union 649** 

St. Louis, MO 63105

Evans A Michael

Schatz Victoria

P.O. Box 418679

**IBEW Local Union 702** 

St. Louis, MO 63105

7730 Carondelet, Suite 200

mevans@hammondshinners.com

7730 Carondelet Ave., Ste 200

saschroder@hammondshinners.com

7730 Carondelet, Suite 200

mevans@hammondshinners.com

IBEW Local Union 309 7730 Carondelet Ave., Ste 200 St. Louis, MO 63105 saschroder@hammondshinners.com

Schroder A Sherrie

Evans A Michael **IBEW Local Union 649** 7730 Carondelet, Suite 200 St. Louis, MO 63105 mevans@hammondshinners.com

Schroder A Sherrie International Union of Operating Engineers-Local No 148 7730 Carondelet Ave., Ste 200 St. Louis, MO 63105 saschroder@hammondshinners.com

Zobrist Karl Kansas City Power & Light Company Kansas City Power & Light Company 4520 Main Street, Suite 1100 Kansas City, MO 64111 kzobrist@sonnenschein.com

> Zucker E Rick Laclede Gas Company 720 Olive Street St. Louis, MO 63101 rzucker@lacledegas.com

Woodsmall David Midwest Energy Users' Association 428 E. Capitol Ave., Suite 300 Jefferson City, MO 65101 dwoodsmall@fcplaw.com

Woods A Shelley Missouri Department of Natural Resources P.O. Box 899 Jefferson City, MO 65102-0899 shelley.woods@ago.mo.gov

Mangelsdorf B Sarah Missouri Department of Natural Resources 207 West High St. P.O. Box 899 Jefferson City, MO 65102 sarah.mangelsdorf@ago.mo.gov

Young Mary Ann Missouri Department of Natural Resources 1101 Riverside Drive, 4th Floor East, 515 North Sixth Street Rm. 456 P.O. Box 176 Jefferson City, MO 65102-0176 maryann.young@dnr.mo.gov

Langeneckert C Lisa Missouri Energy Group One City Centre, 15th Floor St. Louis, MO 63101 llangeneckert@sandbergphoenix.com efdowney@bryancave.com

Downey F Edward Missouri Industrial Energy Consumers 221 Bolivar Street, Suite 101 Jefferson City, MO 65101

Leadlove B Mark Missouri Industrial Energy Consumers 211 N. Broadway, Suite 3600 St. Louis, MO 63102 mbleadlove@bryancave.com

Healy Douglas Missouri Joint Municipal Electric Utility Commission 939 Boonville Suite A Springfield, MO 65802 doug@healylawoffices.com

Schwarz R Thomas Missouri Retailers Association 308 E High Street, Ste. 301 Jefferson City, MO 65101 tschwarz@blitzbardgett.com

Curtis Leland St. Louis County Municpal League 130 S. Bemiston, Suite 200 St. Louis, MO 63105 lcurtis@lawfirmemail.com

Lowery B James Union Electric Company 111 South Ninth St., Suite 200 P.O. Box 918 Columbia, MO 65205-0918 lowery@smithlewis.com

Tatro Wendy Union Electric Company 1901 Chouteau Avenue St. Louis, MO 63166-6149 AmerenUEService@ameren.com Roam Brent Missouri Industrial Energy Consumers 211 N. Broadway, Suite 3600 St. Louis, MO 63102-2750 brent.roam@bryancave.com

Deutsch B James Missouri Retailers Association 308 E High St., Ste. 301 Jefferson City, MO 65101 jdeutsch@blitzbardgett.com

Robertson B Henry Natural Resources Defense Council 705 Olive Street, Suite 614 St. Louis, MO 63101 hrobertson@greatriverslaw.org

OKeefe M Kevin St. Louis County Municpal League 130 S. Bemiston, Ste. 200 Clayton, MO 63105 kokeefe@lawfirmemail.com

Sullivan R Steven Union Electric Company 1901 Chouteau Avenue P.O. Box 66149 (MC 1300) St. Louis, MO 63166-6149 AmerenUEService@ameren.com Vuylsteke M Diana Missouri Industrial Energy Consumers 211 N. Broadway, Suite 3600 St. Louis, MO 63102 dmvuylsteke@bryancave.com

Overfelt Sam Missouri Retailers Association 618 E. Captiol Ave PO Box 1336 Jefferson City, MO 65102 moretailers@aol.com

Lumley J Carl St. Louis County Municpal League 130 S. Bemiston, Ste 200 St. Louis, MO 63105 clumley@lawfirmemail.com

Fischer M James Union Electric Company 101 Madison Street, Suite 400 Jefferson City, MO 65101 jfischerpc@aol.com

Byrne M Thomas Union Electric Company 1901 Chouteau Avenue P.O. Box 66149 (MC 1310) St. Louis, MO 63166-6149 AmerenUEService@ameren.com

/s/ Lewis R. Mills, Jr.