

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

In the Matter of the Consideration of Adoption	)	
of the PURPA §111(d)(13) Fossil Fuel	)	
Generation Efficiency Standard as Required by	)	Case No. EO-2006-0495
§1251 of the Energy Policy Act of 2005.	)	

**STAFF’S EXPERT WITNESS IDENTIFICATION**

COMES NOW the Staff (“Staff”) of the Missouri Public Service Commission (“Commission”) and respectfully states as follows:

1. On March 15, 2007, the Commission issued its Order Establishing A Procedural Schedule For On-The-Record Presentations (“Order”) in the instant case, as well as in the other four cases addressing the new standards established by the Energy Policy Act of 2005 (*i.e.*, case Nos. EO-2006-0493, EO-2006-0494, EO-2006-0496 and EO-2006-0497). Among other things, the Order directed each of the parties to file by April 6, 2007, a pleading identifying any witnesses (including biographical information) that the parties intend to tender during the scheduled on-the-record presentation for each of these proceedings.

2. The Staff intends to tender Daniel I. Beck for the Fossil Fuel Generation Efficiency Standard, which is the subject of the instant case. Attached hereto as Appendix A is Mr. Beck’s biographical statement, along with his supporting affidavit.

Respectfully submitted,

/s/ Dennis L. Frey

Dennis L. Frey  
Senior Counsel  
Missouri Bar No. 44697

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Missouri Public Service Commission  
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**Certificate of Service**

I hereby certify that copies of the foregoing have been mailed, hand-delivered, or transmitted by facsimile or electronic mail to all counsel of record this 6th day of April 2007.

/s/ Dennis L. Frey

### **Biographical Statement of Daniel I. Beck**

I am employed by the Commission as the Supervisor of the Engineering Analysis Section, Energy Department, Utility Operations Division. I am a Registered Professional Engineer in the State of Missouri. My registration number is E-26953.

In December 1983, I graduated with a Bachelor of Science Degree in Industrial Engineering from the University of Missouri at Columbia. Upon graduation, I was employed by the Navy Plant Representative Office in St. Louis, Missouri as an Industrial Engineer. I began my employment at the Commission in November 1987, in the Research and Planning Department of the Utility Division (later renamed the Economic Analysis Department of the Policy and Planning Division), where my duties consisted of weather normalization, load forecasting, integrated resource planning, cost-of-service and rate design. In December 1997, I was transferred to the Tariffs/Rate Design Section of the Commission's Gas Department, where my duties included weather normalization, annualization, tariff review, cost-of-service and rate design. Since June 2001, I have been in the Engineering Analysis Section of the Energy Department, which was created by combining the Gas and Electric Departments. My current position is Supervisor of the Engineering Analysis Section, Energy Department, Utility Operations Division.

In the course of my employment with the Commission, I have testified in a number of utility cases brought before the Commission, including the following: Union Electric Company, Case No. EO-87-175; The Empire District Electric Company, Case No. EO-91-74; Missouri Public Service, Case No. ER-93-37; St. Joseph Light & Power Company, Case No. ER-93-41; The Empire District Electric Company, Case No. ER-94-174; Union Electric Company, Case No. EM-96-149; Laclede Gas Company, Case No.

GR-96-193; Missouri Gas Energy, Case No. GR-96-285; Kansas City Power & Light Company, Case No. ET-97-113; Associated Natural Gas Company, Case No. GR-97-272; Union Electric Company, Case No. GR-97-393; Missouri Gas Energy, Case No. GR-98-140; Missouri Gas Energy, Case No. GT-98-237; Ozark Natural Gas Company, Inc. , Case No. GA-98-227; Laclede Gas Company, Case No. GR-98-374; St. Joseph Light & Power Company, Case No. GR-99-246; Laclede Gas Company, Case No. GR-99-315; Utilicorp United Inc. & St. Joseph Light & Power Co. , Case No. EM-2000-292; Union Electric Company d/b/a AmerenUE, Case No. GR-2000-512; Missouri Gas Energy, Case No. GR-2001-292; Laclede Gas Company, Case No. GR-2001-629; Union Electric Company d/b/a AmerenUE, Case No. GT-2002-70; Missouri Gas Energy, Case No. GR-2004-0209; Atmos Energy Corporation, Case No. GR-2006-0387; Missouri Gas Energy, Case No. GR-2006-0422; Union Electric Company d/b/a AmerenUE, Case No. GR-2007-0003; and The Empire District Electric Company , Case Nos. EO-2007-0029/EE-2007-0030.

In addition to overseeing the day-to-day activities of the Engineering Analysis Section in my current position as Supervisor of Engineering Analysis, I regularly participate in presentations to stakeholder groups, “roundtable” discussions and rulemaking workshops. I participated in drafting the Commission’s Chapter 22, Electric Resource Planning rules and reviewing the first round of filings made by the utilities. In addition, I have participated in various resource planning meetings that took place during the recent period of approximately five years in which electric utilities in the state were exempted from complying with the rules, but instead provided updates every six months. I also participated in the review of the latest round of Electric Resource Planning filings,

which began with AmerenUE's filing in December 2005. My involvement with the Electric Resource Planning process has focused on the areas of supply-side resource analysis, integrated resource analysis, risk analysis and strategy selection. Issues related to fuel sources are important considerations for each of these areas. Dependency on fuel source, and the associated generation that is related to the fuel, are critical factors that need to be considered throughout the planning process. Fossil fuel generation efficiency is also an important consideration in the resource planning process, which requires a minimum planning horizon of 20 years. The Supply-side Resource Analysis rule, 4 CSR 240-22.040, requires the evaluation of both new plants and refurbishments of existing plants.

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In the Matter of the Consideration of )  
Adoption of the PURPA Section )  
111(d)(13) Fossil Fuel Generation )  
Efficiency Standard as Required by )  
Section 1251 of the Energy Policy Act of )  
2005.

Case No. EO-2006-0495

**AFFIDAVIT OF DANIEL I. BECK**

**STATE OF MISSOURI**     )  
                                      ) ss  
**COUNTY OF COLE**     )

Daniel I. Beck, of lawful age, on his oath states: that he has participated in the preparation of the attached biography to be presented in the above case, that the information was given by him; and that the information contained therein is true and accurate to the best of his knowledge, information and belief.

  
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Daniel I. Beck

Subscribed and sworn to before me this 6<sup>th</sup> day of April, 2007.



SUSAN L. SUNDERMEYER  
My Commission Expires  
September 21, 2010  
Callaway County  
Commission #06942086

  
\_\_\_\_\_  
Notary Public

My commission expires 9-21-10