

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

In the Matter of the Tariff Filings of Union                    )  
Electric Company, d/b/a Ameren Missouri, to                )     File No. ER-2011-0028  
Increase Its Revenues for Retail Electric Service.        )

**AFFIDAVIT OF  
MARK C. BIRK**

I, Mark C. Birk being first duly sworn upon my oath, state as follows:

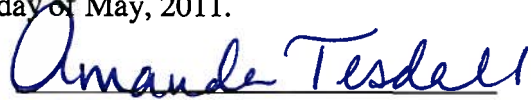
1. I am employed as Vice President, Power Operations Services, for Union Electric Company d/b/a Ameren Missouri (“Company”).
2. On May 6, 2011, the Company filed Exhibit 155, which reflects an analysis relating to the savings associated with installing Stebbins tile in the Wet Flue Gas Desulfurization (“WFGD”) units (the “scrubbers”) at the Sioux Plant requested by Commissioner Kenney during the evidentiary hearing on the scrubbers issue in this case.
3. Exhibit 155 consists of two pages, the first of which summarized the results of a revenue requirements analysis and the second of which summarized the results of an engineering analysis.
4. The engineering analysis was done at my direction and under my supervision and control, and it is true and correct to the best of my knowledge, information and belief.
5. True and correct copies of the workpapers underlying the engineering analysis, in Excel format with formulas intact, were provided to the other parties to this case concurrently with the submission of Exhibit 155.

Further affiant sayeth not.



Mark C. Birk

Subscribed and sworn to before me this 9<sup>th</sup> day of May, 2011.



Notary Public

