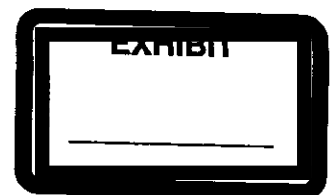


**Comparison Of Heat Rates & Fuel Type - Retired Plants and Plants-In-Service**

<u>Retired Plants</u>	<u>Heat Rate BTU/kWh</u>	<u>Fuel</u>	<u>Plants In Service</u>	<u>Units</u>	<u>Heat Rate BTU/kWh</u>	<u>Fuel</u>
Cahokia	22,655	Oil	Meramec	1	12,445	Coal
Mound	23,676	Gas/Oil		2	11,624	Coal
Venice I	36,482	Gas/Oil		3	10,788	Coal
Venice II	24,915			4	11,204	Coal
			Sioux	1	9,625	Coal
				2	9,106	Coal
			Labadie	1	9,096	Coal
				2	9,422	Coal
				3	9,682	Coal
				4	9,499	Coal
			Rush Island	1	9,721	Coal
				2	9,291	Coal

MIEC Exhibit No. 437  
 Date 3/16/10 Reporter DF  
 File No. ER-2010-0036



**AmerenUE**  
**Response to MIEC Data Request**  
**MPSC Case No. ER-2010-0036**  
**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**

Data Request No.: MIEC 4-17 Diana Vulysteke

On page 18 of Mr. Wiedmayer's testimony, he indicates that the Venus II steam plant was retired in 2002. Please provide the heat rate associated with Venus II steam plant.

**RESPONSE**

**Prepared By: Timothy D. Finnell**

**Title: Managing Supervisor**

**Date: November 25, 2009**

The 2001 heat rate was 24,915 btu / net kwh.  
(Data from the Ameren UE 2001 FERC Form 1.)

**AmerenUE**  
**Response to MIEC Data Request**  
**MPSC Case No. ER-2010-0036**  
**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**

Data Request No.: MIEC 16-1 Diana Vuylsteke

In the direct testimony of AmerenUE witness John Wiedmayer, he states that the depreciation analysis performed in Case No. ER-2007-0002 by the Staff was done incorrectly because it does not contain the final retirements of Mound, Cahokia and Venice I. Please provide the retirement date, fuel type used at each of those units at the time of retirement and the heat rate for each retired plant or unit.

**RESPONSE**

**Prepared By: Matthew Wallace**  
**Title: Manager, Technical Support**  
**Date: 1/5/10**

**Mound**

Retired in 1972

According to the December 1971 UE F&S Report (last report mentioning Mound):

Year-to-date gross generation was 10,733 MW-HR

Fuel was both natural gas and fuel oil, no coal

Net heat rate=23,676 btu/kw-hr

**Cahokia**

Retired in 1977

According to December 1977 UE F&S Report:

Year-to-date gross generation was 0.

Last year Year-to-date gross generation was 26,549 MW-HR

Last year fuel was oil only

Last year Net heat rate=22,655 btu/kw-hr

**Venice I**

Retired in 1972

According to the December 1972 UE F&S Report:

Year-to-date gross generation was 4,744MW-HR

Fuel was both natural gas and fuel oil, no coal

Net Heat Rate=36,482 btu/kw-hr

