

No. : Ameren Missouri -Staff-022

Data Information Request
From Union Electric Company d/b/a Ameren Missouri
MPSC Case No. ER-2011-0028

Requested From: Missouri Public Service Commission Staff
Requested By: James B. Lowery
Date of Request: April 26, 2011

Information Requested:

1. Reference the two page document bearing an Exhibit sticker and labeled "Exhibit Mantle 10" attached to this data request.
 - a. Please confirm that the first page, bearing a handwritten number "1" in a circle in the bottom right hand corner, is a printout of a worksheet received by the Staff from the Company in connection with the calculation of the NBFC rates in Case No. ER-2008-0318. Please state which Staff member received it.

Staff response: Staff cannot confirm that this worksheet was received by Staff from the Company

- b. Please confirm that the second page, bearing a handwritten number "2" in a circle in the bottom right hand corner, was a worksheet prepared by the Staff (and/or a modification by the Staff of the worksheet referenced in subpart a above) that the Staff sent to the Company in connection with the calculation of the NBFC rates in Case No. ER-2008-0318. Please state which Staff member(s) prepared (and or modified) this worksheet, and which Staff member sent it to the Company. Please provide the Microsoft Outlook email by which it was transmitted to the Company, and the Microsoft Excel file containing the worksheet transmitted to the Company.

Staff response: Staff cannot confirm that this worksheet was prepared by Staff. However, included in this response is a Microsoft Outlook email with an attached Microsoft Excel file consistent with the second page that shows that this Microsoft Excel file was supplied to Jeremy Hagemeyer of the Staff by Gary S. Weiss of Ameren Services on January 28, 2009.

Response provided by Lena Mantle

2. Please confirm that the hourly loads used in the Staff's production cost modeling in Case No. ER-2007-0002 did not include transmission losses?

Ameren Exhibit No. 169
Date 5-10-11 Reporter SLM
File No. ER-2011-0028

Response provided by Erin Maloney

- b. If Staff's answer to subpart a of this part 4 is anything other than an unequivocal "yes," please explain in detail.

Staff response: Staff has not been provided with enough information to make that determination. The physical MWs presented in the column titled "MISO losses" appear for the first time in this filing with no accompanying documentation. The physical MWs contained in columns E through L appear with the following information contained in the "Notes" tab of the submitted file:

"Preliminary Data Notes Includes some estimates for wholesale customers that did not have hourly meter readings available yet, all data potentially subject to revision
Taub Sauk pump load was included in control area load totals from Feb. 27, 2010 through May 5, 2010
California load switched from transmission only service to full requirements Jan. 1, 2010
Load reported in Central Prevailing Time. Daylight savings changes have been normalized so that every day has 24 hours."

Response provided by Erin Maloney

- c. If Staff's answer to subpart a of this part 4 is "yes," would Staff agree that the difference described in subpart a of this part 4 is Net System Input, as that term was described by Staff witness Lena Mantle during her deposition on April 25, 2011?

Staff response: N/A

- d. Please confirm that the data in this file was provided to the Staff as part of the Company's 4 CSR 240-3.190(1)(C) reporting for the month of May 2010.

Staff response: The data on the "Final Data" tab of the file provided with the data request was contained in the 4 CSR 240-3.190 (1) (C) filing received in the month of May 2010.

Response provided by Erin Maloney

- 5. Reference the attached file "MPSC Data Description 0310.xls."
 - a. Please confirm that the data in this file was provided to the Staff as part of the Company's 4 CSR 240-3.190(1)(C) reporting for the month of May 2010.

Staff response: The referenced file was not a part of the Company's 4 CSR 240-3.390 (1)(C) reporting for the month of May 2010. But rather, it was received as a part of the

February 2010 and March 2010 submittals which at that time did not contain any of the additional columns. Those file formats were significantly different then the file format received in May 2010.

Response provided by Erin Maloney

Provided May 2, 2011

From: Wells, Curt
Sent: Thursday, January 29, 2009 7:38 AM
To: Mantle, Lena
Subject: FW: Net base fuel cost
Attachments: AmerenUE NBFC Per OSS & FAC Stip. Case ER-2008-0318.xls

Good morning Lena,

Who should this go to?

From: Rackers, Steve
Sent: Wednesday, January 28, 2009 4:00 PM
To: Wells, Curt
Subject: FW: Net base fuel cost

Is this something you need to put into the tariffs for Net Base Fuel Cost?

From: Hagemeyer, Jeremy
Sent: Wednesday, January 28, 2009 2:05 PM
To: Rackers, Steve; Cassidy, John
Subject: FW: Net base fuel cost

From: Weiss, Gary S [<mailto:GWeiss@ameren.com>]
Sent: Wednesday, January 28, 2009 2:02 PM
To: Hagemeyer, Jeremy
Subject: RE: Net base fuel cost

Jeremy:

Use the second worksheet Settlement True-Up Staff. This uses the kwh Steve and John provided me.

Gary S. Weiss
Ameren Services
Manager Regulatory Accounting
(314)554-3878
gweiss@ameren.com

From: Hagemeyer, Jeremy [<mailto:jeremy.hagemeyer@psc.mo.gov>]
Sent: Wednesday, January 28, 2009 12:34 PM
To: Weiss, Gary S
Subject: Net base fuel cost

Gary, would it be possible to get your net base fuel cost?

Thank you,
Jeremy Hagemeyer
Utility Regulatory Auditor
Missouri Public Service Commission
(314) 877-2778 ext. 230

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AmerenUE Missouri Case No. ER-2008-0318
 AmerenUE Net Base Fuel Cost (NBFC)
 12 Months Ended March 31, 2008 Trued-Up Through September 30, 2008 Reflecting Settlement

	Total	Missouri	Missouri Summer	Missouri Winter
A Fuel & Purchased Power Costs Per Staff's Model				
Fuel For Load	500,495,800	492,788,165	180,261,553	312,526,612
Fixed Gas Supply Costs for Load (1)	6,246,987	6,150,783	2,055,592	4,095,192
Purchased Power for Load	43,627,900	42,956,030	20,823,305	22,132,725
Total Fuel and Purchased Power for Load	550,370,687	541,894,978	203,140,450	338,754,529
Fuel For OSS	151,423,940	149,001,157	54,587,400	94,413,757
Fixed Gas Supply Costs for OSS (1)	1,890,013	1,859,773	621,536	1,238,237
Purchased Power for OSS	39,417,750	38,787,066	9,240,744	29,546,322
Total Fuel and Purchased Power for OSS	192,731,703	189,647,996	64,449,680	125,198,316
Total Fuel and Purchased Power	743,102,390	731,542,974	267,590,130	463,952,844
B Additional Fuel & PP Costs (from G. Weiss)				
Westinghouse Credits (1)	(1,816,000)	(1,786,944)	(597,197)	(1,189,747)
MISO Day 2 Revenues (Acct 447) (1)	64,142,750	63,154,952	21,106,385	42,048,567
Under-Forecasting Error (1)	3,800,000	3,741,480	1,250,403	2,491,077
Total Additional Fuel & PP Costs	66,126,750	65,109,488	21,759,591	43,349,897
C Sales				
Off-System Energy Sales Per Staff's Model	451,748,000	444,520,032	134,507,880	310,012,152
MISO Day 2 Revenues (Acct 447) (1)	12,257,104	12,060,990	4,030,783	8,030,207
Capacity Sales (1)	6,408,950	6,306,407	2,107,601	4,198,806
Taum Sauk Capacity Revenues (1)	4,900,000	4,821,600	1,611,379	3,210,221
Ancillary Services Capacity Revenue (1)	3,500,000	3,444,000	1,150,985	2,293,015
Black Box Settlement Amount (1)	3,000,000	2,952,000	986,558	1,965,442
Total Sales	481,814,054	474,105,029	144,395,186	329,709,843
A + B - C Net Base Fuel Costs	327,415,086	322,547,433	144,954,535	177,592,898
Load Forecast at Generation Level Per Staff's Model	40,871,586,000	40,242,163,576	14,498,369,890	25,743,793,685
Net Base Fuel Costs (\$ per MWH)	8.01	8.02	10.00	6.90
Net Base Fuel Costs (cents per KWH)	0.801	0.802	1.000	0.690

(1) Allocated between summer and winter based on number of days in summer (122/365) or 33.42%.

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Purchased Power for OSS	39,417,750	38,787,066	9,240,744	29,546,322
Total Fuel and Purchased Power for OSS	<u>192,731,703</u>	<u>189,647,996</u>	<u>64,449,680</u>	<u>125,198,316</u>
Total Fuel and Purchased Power	<u>743,102,390</u>	<u>731,542,974</u>	<u>267,590,130</u>	<u>463,952,844</u>
B Additional Fuel & PP Costs (from G. Weiss)				
Westinghouse Credits (1)	(1,816,000)	(1,786,944)	(597,197)	(1,189,747)
MISO Day 2 Excluding Admin (Acct 555) (1)	64,142,750	63,154,952	21,106,385	42,048,567
Under-Forecasting Error (1)	3,800,000	3,741,480	1,250,403	2,491,077
Total Additional Fuel & PP Costs	<u>66,126,750</u>	<u>65,109,488</u>	<u>21,759,591</u>	<u>43,349,897</u>
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Off-System Energy Sales Per Staff's Model	451,748,000	444,520,032	134,507,880	310,012,152
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Black Box Settlement Amount (1)	3,000,000	2,952,000	986,558	1,965,442
Total Sales	<u>481,814,054</u>	<u>474,105,029</u>	<u>144,395,186</u>	<u>329,709,843</u>
A + B - C Net Base Fuel Costs	<u>327,415,086</u>	<u>322,547,433</u>	<u>144,954,535</u>	<u>177,592,898</u>
Load Forecast at Generation Level Per Staff's Model	40,871,586,000	40,212,338,146	14,487,622,474	25,724,715,672
Net Base Fuel Costs (\$ per MWH)	8.01	8.02	10.01	6.90
Net Base Fuel Costs (cents per KWH)	0.801	0.802	1.001	0.690

(1) Allocated between summer and winter based on number of days in summer (122/365) or 33.42%.