## STITES\&HARBISON ${ }_{\text {pul }}$

## ATTORNEYS

October 16, 2009

## HAND DELIVERED

## Jeff R. Derouen

Executive Director
Public Service Commission
211 Sower Boulevard
P.O. Box 615

Frankfort, Kentucky 40602-0615
OCT 162009
PUBLIC SERVICE
COMMISSION
Re: Case No. 2009-00316
Dear Mr. Derouen:
Enclosed please find and accept for filing the original and ten copies of Kentucky Power Company's Responses to Commission Staff's Informal Conference Data Requests in this matter.

By copy of this letter, the Responses are also being served on counsel for Kentucky Industrial Utility Customers, Inc. and the Office of the Attorney General .

Please do not hesitate to contact me if you have any questions.
Very truly yours,
STITES \& HARBISON, PLLC
Braw J. Claut
Bruce F. Clark
BFC:pjt
cc: Michael L. Kurtz
Dennis G. Howard, II

## COMMONWEALTH OF KENTUCKY

## BEFORE THE

## PUBLIC SERVICE COMMISSION OF KENTUCKY

\author{


#### Abstract

AN EXAMINATION BY THE PUBLIC SERIVCE ) COMMISSION OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF KENTUCKY <br> ) CASE NO. 2009-00316 POWER COMPANY FOR THE TWO YEAR BILLING PERIOD ENDING JUNE 30, 2009 <br> ) <br> )


}

## VERIFICATION

## COMMONWEALTH OF KENTUCKY ) <br> ) CASE NO. 2009-00316 COUNTY OF FRANKLIN <br> )

The undersigned, Errol Wagner, being duly sworn, states he is the Director of Regulatory Services for Kentucky Power Company, that he has personal knowledge of the matters set forth in the Data Responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.


ERROL K. WAGNER

Subscribed and sworn to before me, a Notary Public in and before said County and State, this $16^{\text {th }}$ day of Petober 2009.

My Commission Expires:


Granary. 23,2013

## Kentucky Power Company

## REQUEST

Please refer to the Company's response to the Commission Staff-1st Set of Data Requests dated August 18, 2009. On Item No. 4, why does the monthly Notes Payable Outstanding balance on page 4 of 22 agree with the monthly Notes Payable Outstanding balances on pages 5 through 12 of 22 ?

## RESPONSE

The monthly Notes Payable Outstanding balances listed on Item No. 4, page 4 of 22, for the months of May 2008 through December 2008 were the balances as of the last business day of the month. By contrast, the monthly Notes Payable Outstanding balances for those same months shown on pages 5 through 10 of 22 reports the amounts owed for each calendar day of the month. When the last business day is not the last calendar day the balance reported on Page 4 of 22 is the last business day of the month. For example, in May, 2008, the last calendar day was Saturday, May 31st, however, the balance reported on Page 4 of 22 was the last business day, i.e., Friday, May 30th.

The Short Term Daily Borrowed Balances for months January 30, 2009 through April 30, 2009 (Item No. 4, pages 10 through 12 of 22) as originally filed on September 10, 2009 were in error. The Company has revised the original Item No. 4 to reflect the correct amounts. Please see the attached pages filed herein.

WITNESS: Errol K Wagner

KPSC Case No. 2009-00316 Commission Staff 1st Set Data Requests Order Dated August 18, 2009

Item No. 4
Page 2 of 22
Revised - October 16, 2009

## Kentucky Power Company Cost of Capital As of April 30, 2009


a Book balance as of 4/30/2009
b Average borrowing costs for the 12 Months Ended April 30, 2009
$91 \varepsilon 00-600 Z^{\circ}$ on oseo OSd $X$
Informal Conference - Dated October 07, 2009




| $8 \pm 099$ | L99 $00 \downarrow^{\prime} 9$ ¢ |
| :---: | :---: |
|  | p- |
|  | 198 ${ }^{2} 09 \varepsilon^{\prime}+2$ |
|  | 巾IS'EEO'0Z |
|  | $\angle \varepsilon \varepsilon^{\prime} \angle 1 \varepsilon^{\prime} \dagger$ |
|  | $9188^{\prime} 670^{\prime} 1$ |
|  | $918650^{\prime} 1$ |


| SERIES | $\begin{aligned} & \text { ISSUE } \\ & \text { DATE } \end{aligned}$ | DUE DATE | AVERAGE TERM IN YEARS | PRINCIPAL AMOUNT ISSUED | PREMIUM OR (DISCOUNT) AT ISSUANCE | COMPANY ISSUANCE EXPENSE | $\begin{gathered} \text { NET } \\ \text { PROCEEDS } \\ \hline \end{gathered}$ | $\begin{gathered} \text { NET } \\ \text { PROCEEDS } \\ \text { RATIO } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { EFFECTIVE } \\ & \text { COST RATE } \end{aligned}$ | CURRENT AMOUNT OUTSTANDING |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | \$ | - | S | \$ | \% | \% | \$ |
| Global Note |  |  |  |  |  |  |  |  |  |  |
| 5.25\% | 2/5/2004 | 6/1/2015 | 11.3 | 20,000,000 | - |  | 20,000,000 | 100.00 | 5.249 | 20,000,000 |
| Subtotal |  |  |  | 20,000,000 |  |  |  |  |  | 20,000,000 |
| Senior Notes |  |  |  |  |  |  |  |  |  |  |
| 5.625\% | 6/13/2003 | 12/1/2032 | 29.45 | 75,000,000 | $(656,250)$ | 736,575 | 73,607,175 | 98.14 | 5.756 | 75,000,000 |
| 6.000\% | 9/11/2007 | 9/15/2017 | 10.01 | 325,000,000 | $(1,667,250)$ | 2,277,883 | 321,054,867 | 98.79 | 6.164 | 325,000,000 |
| Subtotal |  |  |  | 400,000,000 |  |  |  |  |  | 400,000,000 |
| Total |  |  |  | 420,000,000 |  |  |  |  |  |  |
| FMV of mark to market 133 hedge |  |  |  |  |  |  |  |  |  |  |
| TOTAL LONG-TERM DEBT |  |  |  |  |  |  |  |  |  | 420,000,000 |

KPSC Case No. 2009-00316 Commission Staff 1st Set Data Requests Order Dated August 18, 2009 Item No. 4 Page 4 of 22
Revised - October 16, 2009

## Line

 No. (1)7 November 2008
8 December 2008
9 January 2009
Month Year
(2)

May
2008
June 2008
July 2008
August 2008

Kentucky Power Company
Schedule of Short Term Debt
Twelve Months Ended April 30, 2009

| Line <br> No. <br> $(1)$ | Month <br> $(2)$ | Year <br> $(3)$ | Notes Payable <br> Outstanding <br> at the |
| :--- | ---: | :---: | :---: |
| 1 | May | 2008 | End of the Month <br> $(4)$ |
| 2 | June | 2008 | $41,666,308$ |
| 3 | July | 2008 | $48,435,053$ |
| 4 | August | 2008 | $47,609,710$ |
| 5 | September | 2008 | $45,262,701$ |
| 6 | October | 2008 | $65,092,480$ |
| 7 | November | 2008 | $68,207,639$ |
| 8 | December | 2008 | $115,827,728$ |
| 9 | January | 2009 | $131,398,655$ |
| 10 | February | 2009 | $151,601,832$ |
| 11 | March | 2009 | $146,762,000$ |
| 12 | April | 2009 | $157,289,699$ |

## Kentucky Power Company

Short Term Debt Balance and Cost Calculation
Twelve Months Ended April 30, 2009
Day
of
Week $c$
S-T
Borrowed
Balance
Borrowed
Interest
Rate
(\$37,719,817.39)
$(37,501,613.37)$
$(37,504,857.72)$
$(37,508,102.34)$
(42,777,228.99)
$(42,754,181.13)$
$(42,318,103.37)$
(45,899,900.39)
(46,771,044.63)
(46,774,969.06)
(46,778,893.82)
(47,306,161.30)
$(42,101,387.42)$
(41,172,841.50)
(43,572,657.53)
(43,073,628.76)
(43,077,207.39)
(43,080,786.32)
(41,964,200.50)
$(41,891,222.59)$
(35,564,983.96)
$(37,409,428.55)$
$(39,208,723.43)$
$(39,211,896.98)$
$(39,218,244.86)$
(38,640,391.70)
$(37,974,014.67)$
$(41,233,291.58)$
$(41,666,308.18)$
(41,669,681.77)
$(41,673,055.63)$
$(44,664,363.63)$
(42,763,889.99)
(48,949,194.19)
$(42,190,402.98)$
(43,605,066.42)
(43,608,593.15)
$(43,612,120.17)$
$(51,301,355.92)$
$(49,893,742.93)$
$(49,415,527.34)$
$(48,072,025.47)$
$(47,210,143.09)$
$(47,213,961.15)$
(47,217,779.52)
(46, 102,082.80)
(40,004,029.73)

Weighted Average Borrowed Interest Rate

| $3.11 \%$ | $0.003375 \%$ |
| :--- | ---: |
| $3.11 \%$ | $0.003356 \%$ |
| $3.11 \%$ | $0.003356 \%$ |
| $3.11 \%$ | $0.003356 \%$ |
| $3.06 \%$ | $0.003757 \%$ |
| $3.05 \%$ | $0.003746 \%$ |
| $3.05 \%$ | $0.003709 \%$ |
| $3.05 \%$ | $0.004022 \%$ |
| $3.02 \%$ | $0.004059 \%$ |
| $3.02 \%$ | $0.004060 \%$ |
| $3.02 \%$ | $0.004060 \%$ |
| $3.00 \%$ | $0.004084 \%$ |
| $3.01 \%$ | $0.003637 \%$ |
| $3.01 \%$ | $0.003556 \%$ |
| $2.94 \%$ | $0.003686 \%$ |
| $2.99 \%$ | $0.003702 \%$ |
| $2.99 \%$ | $0.003702 \%$ |
| $2.99 \%$ | $0.003702 \%$ |
| $2.97 \%$ | $0.003575 \%$ |
| $2.93 \%$ | $0.003526 \%$ |
| $2.95 \%$ | $0.003010 \%$ |
| $2.92 \%$ | $0.003143 \%$ |
| $2.91 \%$ | $0.003283 \%$ |
| $2.91 \%$ | $0.003283 \%$ |
| $2.91 \%$ | $0.003283 \%$ |
| $2.91 \%$ | $0.003283 \%$ |
| $2.91 \%$ | $0.003225 \%$ |
| $2.92 \%$ | $0.003182 \%$ |
| $2.92 \%$ | $0.003455 \%$ |
| $2.91 \%$ | $0.003490 \%$ |
| $2.91 \%$ | $0.003490 \%$ |
| $2.91 \%$ | $0.003490 \%$ |
| $2.92 \%$ | $0.003753 \%$ |
| $2.92 \%$ | $0.003583 \%$ |
| $2.91 \%$ | $0.004091 \%$ |
| $2.91 \%$ | $0.003528 \%$ |
| $2.91 \%$ | $0.003648 \%$ |
| $2.91 \%$ | $0.003648 \%$ |
| $2.91 \%$ | $0.003649 \%$ |
| $2.91 \%$ | $0.004293 \%$ |
| $2.91 \%$ | $0.004176 \%$ |
| $2.91 \%$ | $0.004135 \%$ |
| $2.91 \%$ | $0.004017 \%$ |
| $2.91 \%$ | $0.003949 \%$ |
| $2.91 \%$ | $0.003950 \%$ |
| $2.91 \%$ | $0.003950 \%$ |
| $2.91 \%$ | $0.003361 \%$ |
| $2.92 \%$ |  |

## Kentucky Power Company

 Short Term Debt Balance and Cost Calculation Twelve Months Ended April 30, 2009| $\begin{gathered} \text { Day } \\ \text { of } \\ \text { Week } \end{gathered}$ | Date | S-T <br> Borrowed Balance | Borrowed Interest Rate | Weighted Average Borrowed Interest Rate |
| :---: | :---: | :---: | :---: | :---: |
|  | 6/18/2008 | (39,209,020.93) | 2.92\% | 0.003285\% |
|  | 6/19/2008 | (44,065,960.22) | 2.91\% | 0.003681\% |
|  | 6/20/2008 | (45,085,996.67) | 2.92\% | 0.003781\% |
|  | 6/21/2008 | (45,089,652.49) | 2.92\% | 0.003782\% |
|  | 6/22/2008 | (45,093,308.61) | 2.92\% | 0.003782\% |
|  | 6/23/2008 | ( $51,170,579.22$ ) | 2.92\% | 0.004296\% |
|  | 6/24/2008 | ( $50,887,384.15$ ) | 2.92\% | 0.004273\% |
|  | 6/25/2008 | (51,070,930.79) | 2.94\% | 0.004309\% |
|  | 6/26/2008 | $(50,507,537.17)$ | 2.95\% | 0.004286\% |
|  | 6/27/2008 | ( $51,495,312.15$ ) | 2.96\% | 0.004375\% |
|  | 6/28/2008 | (51,499,541.61) | 2.96\% | 0.004375\% |
|  | 6/29/2008 | (51,503,771.42) | 2.96\% | 0.004376\% |
| Tuesday | 6/30/2008 | $(48,435,053.41)$ | 2.96\% | 0.004115\% |
|  | 7/1/2008 | (48,046,475.00) | 2.96\% | 0.004082\% |
|  | 7/2/2008 | (48,375,583.32) | 2.95\% | 0.004104\% |
|  | 7/3/2008 | ( $51,134,199.50$ ) | 2.94\% | 0.004314\% |
|  | 7/4/2008 | ( $51,138,370.14$ ) | 2.94\% | 0.004314\% |
|  | 7/5/2008 | $(51,142,541.12)$ | 2.94\% | 0.004315\% |
|  | 7/6/2008 | $(51,146,712.44)$ | 2.94\% | 0.004315\% |
|  | 717/2008 | (56,228,584.95) | 2.93\% | 0.004739\% |
|  | 7/8/2008 | (61,740,352.53) | 2.93\% | 0.005206\% |
|  | 71/2008 | (61,538,357.79) | 2.93\% | 0.005173\% |
|  | 7110/2008 | $(56,646,077.32)$ | 2.91\% | 0.004741\% |
|  | 7/11/2008 | ( $56,162,752.12)$ | 2.93\% | 0.004726\% |
|  | 7/12/2008 | $(56,167,321.17)$ | 2.93\% | 0.004727\% |
|  | 7/13/2008 | ( $56,171,890.60$ ) | 2.93\% | 0.004727\% |
|  | 7/14/2008 | (59,215,401.94) | 2.92\% | 0.004975\% |
|  | 7/15/2008 | $(60,193,969.67)$ | 2.91\% | 0.005030\% |
|  | 7/16/2008 | (59,868,837.79) | 2.92\% | 0.005027\% |
|  | 7/17/2008 | (61,048,536.80) | 2.93\% | 0.005139\% |
|  | 7/18/2008 | (61,524,948.63) | 2.91\% | 0.005146\% |
|  | 7/19/2008 | (61,529,923.65) | 2.91\% | 0.005146\% |
|  | 7120/2008 | (61,534,899.07) | 2.91\% | 0.005147\% |
|  | 7/21/2008 | (43,214,936.71) | 2.93\% | 0.003637\% |
|  | 712212008 | $(42,521,373.06)$ | 2.93\% | 0.003579\% |
|  | 7/23/2008 | $(41,381,026.41)$ | 2.93\% | 0.003483\% |
|  | 7124/2008 | $(46,452,134.23)$ | 2.93\% | 0.003906\% |
|  | 7/25/2008 | $(46,693,921.52)$ | 2.92\% | 0.003912\% |
|  | 7/26/2008 | $(46,697,703.14)$ | 2.92\% | 0.003912\% |
|  | 7/27/2008 | $(46,701,485.07)$ | 2.92\% | 0.003912\% |
|  | 7128/2008 | $(46,520,851.57)$ | 2.92\% | 0.003903\% |
|  | 7/29/2008 | (45, 121,612.01) | 2.93\% | 0.003799\% |
|  | 7/30/2008 | (45,377,681.46) | 2.93\% | 0.003826\% |
| Thursday | 7/31/2008 | (47,609,710.32) | 2.95\% | 0.004042\% |
|  | 8/1/2008 | (51,108,732.31) | 2.96\% | 0.004346\% |
|  | 8/2/2008 | (51,112,933.76) | 2.96\% | 0.004346\% |
|  | 8/3/2008 | (51,117,135.55) | 2.96\% | 0.004347\% |
|  | 8/4/2008 | (54,000,164.06) | 2.96\% | 0.004596\% |

## Kentucky Power Company

Short Term Debt Balance and Cost Calculation Twelve Months Ended April 30, 2009

| $\begin{gathered} \text { Day } \\ \text { of } \\ \text { Week } \end{gathered}$ | Date | S-T <br> Borrowed <br> Balance | Borrowed Interest Rate | Weighted Average Borrowed Interest Rate |
| :---: | :---: | :---: | :---: | :---: |
|  | 8/5/2008 | $(52,300,180.88)$ | 2.96\% | 0.004454\% |
|  | 8/6/2008 | $(52,190,813.44)$ | 2.95\% | 0.004431\% |
|  | 8/7/2008 | $(47,623,115.28)$ | 2.97\% | 0.004061\% |
|  | 8/8/2008 | (54,367,864.04) | 2.97\% | 0.004646\% |
|  | 8/9/2008 | (54,372,355.99) | 2.97\% | 0.004647\% |
|  | 8/10/2008 | (54,376,848.31) | 2.97\% | 0.004647\% |
|  | 8/11/2008 | (51,867,319.22) | 2.98\% | 0.004438\% |
|  | 8/12/2008 | $(49,819,431.54)$ | 2.98\% | 0.004264\% |
|  | 8/13/2008 | (49,964,501.88) | 2.98\% | 0.004277\% |
|  | 8/14/2008 | (50,755,162.34) | 2.98\% | 0.004339\% |
|  | 8/15/2008 | (52,359,746.62) | 2.97\% | 0.004462\% |
|  | 8/16/2008 | (52,364,059.95) | 2.97\% | 0.004462\% |
|  | 8/17/2008 | ( $52,368,373.63$ ) | 2.97\% | 0.004462\% |
|  | 8/18/2008 | $(50,458,684.74)$ | 2.97\% | 0.004299\% |
|  | 8/19/2008 | $(42,757,547.80)$ | 2.96\% | 0.003633\% |
|  | 8/20/2008 | $(45,175,513.54)$ | 2.97\% | 0.003851\% |
|  | 8/21/2008 | $(38,607,548.61)$ | 2.97\% | 0.003291\% |
|  | 8/22/2008 | (38,260,759,12) | 2.97\% | 0.003268\% |
|  | 8/23/2008 | $(38,263,918.47)$ | 2.97\% | 0.003268\% |
|  | 8/24/2008 | $(38,267,078.07)$ | 2.97\% | 0.003268\% |
|  | 8/25/2008 | $(38,386,429.48)$ | 2.98\% | 0.003282\% |
|  | 8/26/2008 | (37,304,231.26) | 2.98\% | 0.003190\% |
|  | 8/27/2008 | $(39,994,595.76)$ | 2.97\% | 0.003417\% |
|  | 8/28/2008 | (39,746,717.44) | 2.98\% | 0.003403\% |
| Friday | 8/29/2008 | $(45,262,700.90)$ | 2.97\% | 0.003869\% |
| Saturday | 8/30/2008 | $(45,266,441.07)$ | 2.97\% | 0.003869\% |
| Sunday | 8/31/2008 | $(45,270,181.54)$ | 2.97\% | 0.003869\% |
|  | 9/1/2008 | (45,273,922,32) | 2.97\% | 0.003870\% |
|  | 9/2/2008 | $(48,159,397.58)$ | 2.97\% | 0.004116\% |
|  | 9/3/2008 | (50,666,959.33) | 2.97\% | 0.004325\% |
|  | 9/4/2008 | (53,982,261.99) | 2.96\% | 0.004593\% |
|  | 9/5/2008 | (54,871,402.19) | 2.96\% | 0.004665\% |
|  | 9/6/2008 | $(54,875,911.77)$ | 2.96\% | 0.004665\% |
|  | 9/7/2008 | $(54,880,421.72)$ | 2.96\% | 0.004665\% |
|  | 9/8/2008 | (54,200,771.09) | 2.95\% | 0.004593\% |
|  | 9/9/2008 | $(60,637,522.94)$ | 2.96\% | 0.005163\% |
|  | 9/10/2008 | (59,938,919.30) | 2.96\% | 0.005094\% |
|  | 9/11/2008 | $(56,228,446.04)$ | 2.96\% | 0.004778\% |
|  | 9/12/2008 | $(60,713,030.03)$ | 2.95\% | 0.005142\% |
|  | 9/13/2008 | $(60,718,001.23)$ | 2.95\% | 0.005143\% |
|  | 9/14/2008 | (60,722,972.83) | 2.95\% | 0.005143\% |
|  | 9/15/2008 | $(69,225,635.42)$ | 2.96\% | 0.005884\% |
|  | 9/16/2008 | $(70,213,252.77)$ | 3.25\% | 0.006561\% |
|  | 9/17/2008 | $(69,736,789.91)$ | 3.30\% | 0.006616\% |
|  | 9/18/2008 | $(69,260,680.14)$ | 3.34\% | 0.006638\% |
|  | 9/19/2008 | (65,817,418.05) | 3.37\% | 0.006380\% |
|  | 9/20/2008 | $(65,823,585.89)$ | 3.37\% | 0.006380\% |
|  | 9/21/2008 | $(65,829,754.32)$ | 3.37\% | 0.006381\% |

## Kentucky Power Company

## Short Term Debt Balance and Cost Calculation

Twelve Months Ended April 30, 2009
\(\left.$$
\begin{array}{ccccc}\begin{array}{c}\text { Day } \\
\text { of } \\
\text { Week }\end{array}
$$ \& \& S-T \& Borrowed \& Weighted Average <br>
Borrowed <br>
Interest <br>

Borrowed\end{array}\right]\)| Rate |
| :---: |
| Interest Rate |

Kentucky Power Company
Short Term Debt Balance and Cost Calculation
Twelve Months Ended April 30, 2009

| $\begin{gathered} \text { Day } \\ \text { of } \\ \text { Week } \end{gathered}$ | Date | S-T <br> Borrowed <br> Balance | Borrowed Interest Rate | Weighted Average Borrowed Interest Rate |
| :---: | :---: | :---: | :---: | :---: |
|  | 11/9/2008 | (73,763,792.66) | 3.99\% | 0.008457\% |
|  | 11/10/2008 | $(113,828,556.76)$ | 3.99\% | 0.013050\% |
|  | 11/11/2008 | $(113,841,173.54)$ | 3.99\% | 0.013052\% |
|  | 11/12/2008 | $(110,239,725.51)$ | 3.99\% | 0.012651\% |
|  | 11/13/2008 | $(114,226,590.62)$ | 3.99\% | 0.013109\% |
|  | 11/14/2008 | $(114,822,626.76)$ | 3.99\% | 0.013179\% |
|  | 11/15/2008 | (114,835,367.36) | 3.99\% | 0.013180\% |
|  | 11/16/2008 | (114,848,109.37) | 3.99\% | 0.013181\% |
|  | 11/17/2008 | $(113,563,076.28)$ | 4.05\% | 0.013215\% |
|  | 11/18/2008 | $(110,479,572.14)$ | 4.05\% | 0.012856\% |
|  | 11/19/2008 | (103,715,909.94) | 3.99\% | 0.011904\% |
|  | 11/20/2008 | (124,696,932.45) | 3.99\% | 0.014312\% |
|  | 11/21/2008 | $(121,316,882.68)$ | 3.99\% | 0.013924\% |
|  | 11/22/2008 | (121,330,343.87) | 3.99\% | 0.013925\% |
|  | 11/23/2008 | (121,343,806.56) | 3.99\% | 0.013927\% |
|  | 11/24/2008 | (120,187,957.60) | 3.99\% | 0.013794\% |
|  | 11/25/2008 | (120,323,070.31) | 3.99\% | 0.013810\% |
|  | 11/26/2008 | $(115,747,032.69)$ | 3.99\% | 0.013285\% |
|  | 11/27/2008 | (115,759,875.86) | 3.99\% | 0.013286\% |
| Friday | 11/28/2008 | $(115,827,727.83)$ | 3.99\% | 0.013294\% |
| Saturday | 11/29/2008 | (115,840,579.95) | 3.99\% | 0.013295\% |
| Sunday | 11/30/2008 | $(115,853,433.49)$ | 3.99\% | 0.013297\% |
|  | 12/1/2008 | (117,410,761.40) | 3.99\% | 0.013476\% |
|  | 12/2/2008 | (119,580,645.19) | 3.99\% | 0.013725\% |
|  | 12/3/2008 | (126,692,906.99) | 3.99\% | 0.014541\% |
|  | 12/4/2008 | $(125,067,126.79)$ | 3.99\% | 0.014354\% |
|  | 12/5/2008 | (129,960,651.08) | 3.99\% | 0.014916\% |
|  | 12/6/2008 | (129,975,071.37) | 3.99\% | 0.014918\% |
|  | 12/7/2008 | $(129,989,493.27)$ | 3.99\% | 0.014919\% |
|  | 12/8/2008 | (142,416,210.64) | 3.83\% | 0.015683\% |
|  | 12/9/2008 | $(140,166,680.68)$ | 3.83\% | 0.015435\% |
|  | 12/10/2008 | $(136,064,364.07)$ | 3.83\% | 0.014983\% |
|  | 12/11/2008 | $(131,720,953.14)$ | 3.83\% | 0.014505\% |
|  | 12/12/2008 | $(131,450,937.05)$ | 2.28\% | 0.008594\% |
|  | 12/13/2008 | (131,459,245.45) | 2.28\% | 0.008595\% |
|  | 12/14/2008 | $(131,467,554.38)$ | 2.28\% | 0.008595\% |
|  | 12/15/2008 | $(132,496,338.12)$ | 2.28\% | 0.008662\% |
|  | 12/16/2008 | $(134,031,827.69)$ | 2.28\% | 0.008763\% |
|  | 12/17/2008 | $(133,530,208.78)$ | 2.28\% | 0.008730\% |
|  | 12/18/2008 | $(128,626,454.08)$ | 2.28\% | 0.008409\% |
|  | 12/19/2008 | (122,841,777.08) | 2.28\% | 0.008031\% |
|  | 12/20/2008 | (122,849,541.34) | 2.28\% | 0.008032\% |
|  | 12/21/2008 | (122,857,306.09) | 2.28\% | 0.008032\% |
|  | 12/22/2008 | (129,402,596.99) | 2.28\% | 0.008460\% |
|  | 12/23/2008 | (129,822,424,90) | 2.28\% | 0.008488\% |
|  | 12/24/2008 | (134,134,349.98) | 2.28\% | 0.008769\% |
|  | 12/25/2008 | $(134,142,827.99)$ | 2.28\% | 0.008770\% |
|  | 12/26/2008 | $(137,472,488.73)$ | 2.28\% | 0.008988\% |

## Kentucky Power Company

Short Term Debt Balance and Cost Calculation
Twelve Months Ended April 30, 2009

| Day <br> of <br> Week |  | S-T | Borrowed <br> Interest <br> Borrowed | Weighted Average <br> Borrowed |
| :---: | :---: | :---: | :---: | :---: |
| Balance |  |  | Interest Rate |  |

## Kentucky Power Company

Short Term Debt Balance and Cost Calculation
Twelve Months Ended April 30, 2009

| $\begin{gathered} \text { Day } \\ \text { of } \\ \text { Week } \end{gathered}$ | Date | S-T <br> Borrowed <br> Balance | Borrowed Interest Rate | Weighted Average Borrowed Interest Rate |
| :---: | :---: | :---: | :---: | :---: |
|  | 2/13/2009 | (146,832,341.69) | 1.81\% | 0.007641\% |
|  | 2/14/2009 | (146,839,729.08) | 1.81\% | 0.007642\% |
|  | 2/15/2009 | $(146,847,116.85)$ | 1.81\% | 0.007642\% |
|  | 2/16/2009 | (146,854,504.99) | 1.81\% | 0.007642\% |
|  | 2/17/2009 | $(137,904,424.36)$ | 1.80\% | 0.007124\% |
|  | 2/18/2009 | $(135,978,652.59)$ | 1.79\% | 0.007008\% |
|  | 2/19/2009 | $(142,157,047.88)$ | 1.79\% | 0.007326\% |
|  | 2/20/2009 | $(143,676,146.23)$ | 1.79\% | 0.007404\% |
|  | 2/21/2009 | (143,683,304.60) | 1.79\% | 0.007405\% |
|  | 2/22/2009 | (143,690,463.32) | 1.79\% | 0.007405\% |
|  | 2/23/2009 | $(143,551,525.77)$ | 1.79\% | 0.007395\% |
|  | 2/24/2009 | $(141,402,899.52)$ | 1.79\% | 0.007284\% |
|  | 2/25/2009 | (140,949,548.19) | 1.79\% | 0.007260\% |
|  | 2/26/2009 | (149,860,995.06) | 1.74\% | 0.007501\% |
| Friday | 2/27/2009 | $(146,761,999.69)$ | 1.74\% | 0.007346\% |
| Saturday | 2/28/2009 | $(146,769,101.27)$ | 1.74\% | 0.007346\% |
|  | 3/1/2009 | (146,776,203.20) | 1.74\% | 0.007346\% |
|  | 3/2/2009 | $(148,121,620,13)$ | 1.74\% | 0.007414\% |
|  | 3/3/2009 | $(145,948,308.91)$ | 1.74\% | 0.007305\% |
|  | 3/4/2009 | $(146,756,869.38)$ | 1.74\% | 0.007345\% |
|  | 3/5/2009 | (139,428,005.40) | 1.74\% | 0.006979\% |
|  | 3/6/2009 | (144,865,798.53) | 1.74\% | 0.007251\% |
|  | 3/7/2009 | (144,872,808.36) | 1.74\% | 0.007251\% |
|  | 3/8/2009 | (144,879,818,53) | 1.74\% | 0.007252\% |
|  | 3/9/2009 | $(152,066,241.52)$ | 1.56\% | 0.006817\% |
|  | 3/10/2009 | (150,088,899.22) | 1.56\% | 0.006728\% |
|  | 3/11/2009 | (147,210,884.34) | 1.57\% | 0.006649\% |
|  | 3/12/2009 | (148,225,347.16) | 1.22\% | 0.005215\% |
|  | 3/13/2009 | $(144,017,608.36)$ | 1.22\% | 0.005067\% |
|  | 3/14/2009 | (144,022,506.92) | 1.22\% | 0.005067\% |
|  | 3/15/2009 | $(144,027,405,65)$ | 1.22\% | 0.005067\% |
|  | 3/16/2009 | (152,380,086.75) | 1.22\% | 0.005346\% |
|  | 3/17/2009 | (150,998,815.12) | 1.22\% | 0.005293\% |
|  | 3/18/2009 | $(150,899,116.37)$ | 1.22\% | 0.005289\% |
|  | 3/19/2009 | $(155,598,006.06)$ | 1.22\% | 0.005448\% |
|  | 3/20/2009 | $(161,451,788.47)$ | 1.22\% | 0.005654\% |
|  | 3/21/2009 | (161,457,254.28) | 1.22\% | 0.005654\% |
|  | 3/22/2009 | $(161,462,720.27)$ | 1.22\% | 0.005654\% |
|  | 3/23/2009 | $(161,838,246.04)$ | 1.22\% | 0.005667\% |
|  | 3/24/2009 | (159,869,014.50) | 1.22\% | 0.005589\% |
|  | 3/25/2009 | (160,035,218.80) | 1.22\% | 0.005595\% |
|  | 3/26/2009 | (161,307,621.43) | 1.22\% | 0.005669\% |
|  | 3/27/2009 | $(161,153,385.81)$ | 1.22\% | 0.005664\% |
|  | 3/28/2009 | $(161,158,861.63)$ | 1.22\% | 0.005664\% |
|  | 3/29/2009 | (161,164,337.63) | 1.22\% | 0.005664\% |
|  | 3/30/2009 | (159,705,369.22) | 1.22\% | 0.005613\% |
| Tuesday | 3/31/2009 | (157,289,698.89) | 1.22\% | 0.005528\% |
|  | 4/1/2009 | (156,909,006.71) | 1.22\% | 0.005515\% |

## Kentucky Power Company

## Short Term Debt Balance and Cost Calculation

Twelve Months Ended April 30, 2009

| $\begin{gathered} \text { Day } \\ \text { of } \\ \text { Week } \end{gathered}$ | Date | S-T <br> Borrowed Balance | Borrowed Interest Rate | Weighted Average <br> Borrowed <br> Interest Rate |
| :---: | :---: | :---: | :---: | :---: |
|  | 4/2/2009 | (158,842,299.25) | 1.22\% | 0.005547\% |
|  | 4/3/2009 | $(166,061,611.08)$ | 1.22\% | 0.005799\% |
|  | 4/4/2009 | $(166,067,217.07)$ | 1.22\% | 0.005799\% |
|  | 4/5/2009 | $(166,072,823.25)$ | 1.22\% | 0.005799\% |
|  | 4/6/2009 | $(164,405,166.23)$ | 1.22\% | 0.005741\% |
|  | 4/7/2009 | $(170,236,158.20)$ | 1.22\% | 0.005944\% |
|  | 4/8/2009 | (169,341,851.07) | 1.22\% | 0.005913\% |
|  | 4/9/2009 | (166,870,361.70) | 1.22\% | 0.005827\% |
|  | 4/10/2009 | $(167,537,844.39)$ | 1.22\% | 0.005850\% |
|  | 4/11/2009 | $(167,543,500.21)$ | 1.22\% | 0.005850\% |
|  | 4/12/2009 | $(167,549,156.23)$ | 1.22\% | 0.005851\% |
|  | 4/13/2009 | $(165,965,115.40)$ | 1.22\% | 0.005795\% |
|  | 4/14/2009 | $(158,037,505.72)$ | 1.16\% | 0.005278\% |
|  | 4/15/2009 | $(156,048,649.93)$ | 1.16\% | 0.005211\% |
|  | 4/16/2009 | $(160,909,910.84)$ | 1.16\% | 0.005373\% |
|  | 4/17/2009 | (159,042,781.53) | 1.16\% | 0.005311\% |
|  | 4/18/2009 | (159,047,916.11) | 1.16\% | 0.005311\% |
|  | 4/19/2009 | $(159,053,050.86)$ | 1.16\% | 0.005311\% |
|  | 4/20/2009 | $(158,027,601.36)$ | 1.16\% | 0.005277\% |
|  | 4/21/2009 | $(152,470,302.01)$ | 1.16\% | 0.005092\% |
|  | 4/22/2009 | (158,770,853.26) | 1.16\% | 0.005302\% |
|  | 4/23/2009 | $(160,199,961.09)$ | 1.16\% | 0.005350\% |
|  | 4/24/2009 | $(160,685,612.57)$ | 1.16\% | 0.005366\% |
|  | 4/25/2009 | (160,690,800.20) | 1.16\% | 0.005366\% |
|  | 4/26/2009 | (160,695,987.99) | 1.16\% | 0.005366\% |
|  | 4/27/2009 | $(161,170,349.63)$ | 1.21\% | 0.005593\% |
|  | 4/28/2009 | $(159,695,292.31)$ | 1.21\% | 0.005542\% |
|  | 4/29/2009 | (158,870,576.82) | 1.21\% | 0.005513\% |
| Thursday | 4/30/2009 | (156,177,864.54) | 1.21\% | 0.005420\% |

## Sum Total

All Daily
Balances
(\$34,803,612,298.49)
Sum Total
Weighted Average Borrowed Interest Rate

## Divided By

Number of
Days in Year

## Average

Daily
Balance
(\$95,352,362.46)

Kentucky Power Company Accounts Receivable Financing Balance and Cost Calculation Thirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying Cost Charge | Carrying Cost Charge |
| :---: | :---: | :---: | :---: |
| 04/01/2008 | 39,725,661.13 | 0.000270 | 10,726.98 |
| 04/02/2008 | 45,602,085.27 | 0.000584 | 26,619.40 |
| 04/03/2008 | 45,972,545.97 | 0.000124 | 5,692.31 |
| 04/04/2008 | 46,393,940.03 | 0.000145 | 6,742.05 |
| 04/05/2008 | 46,393,940.03 | 0.000000 | 0.00 |
| 04/06/2008 | 46,393,940.03 | 0.000000 | 0.00 |
| 04/07/2008 | 45,833,983.32 | 0.000082 | 3,755.77 |
| 04/08/2008 | 45,085,383.44 | 0.000110 | 4,949.04 |
| 04/09/2008 | 44,485,351.23 | 0.000129 | 5,721,64 |
| 04/10/2008 | 44,923,076.87 | 0.000172 | 7,730.05 |
| 04/11/2008 | 44,184,714.13 | 0.000088 | 3,896.11 |
| 04/12/2008 | 44,184,714.13 | 0.000000 | 0.00 |
| 04/13/2008 | 44, 184,714.13 | 0.000000 | 0.00 |
| 04/14/2008 | 42,881,697.15 | 0.000137 | 5,866.67 |
| 04/15/2008 | 38,873,710.43 | 0.000196 | 7,633.12 |
| 04/16/2008 | 38,465,751.15 | 0.000158 | 6,083.42 |
| 04/17/2008 | 37,944, 154.97 | 0.000086 | 3,260.38 |
| 04/18/2008 | 37,726,020.75 | 0.000162 | 6,100.98 |
| 04/19/2008 | 37,726,020.75 | 0.000000 | 0.00 |
| 04/20/2008 | 37,726,020.75 | 0.000000 | 0.00 |
| 04/21/2008 | 36,613,658.34 | 0.000101 | 3,706.30 |
| 04/22/2008 | 34,897,271.93 | 0.000150 | 5,225.31 |
| 04/23/2008 | 34,437,265.87 | 0.000109 | 3,744.64 |
| 04/24/2008 | 33,991,756.30 | 0.000127 | 4,332.20 |
| 04/25/2008 | 33,781,855.08 | 0.000082 | 2,765.56 |
| 04/26/2008 | 33,781,855.08 | 0.000000 | 0.00 |
| 04/27/2008 | 33,781,855.08 | 0.000000 | 0.00 |
| 04/28/2008 | 34,530,892.16 | 0.000250 | 8,629.87 |
| 04/29/2008 | 35,696,979.27 | 0.000260 | 9,272.59 |
| 04/30/2008 | 37,190,048.60 | 0.000287 | 10,686.64 |
| 05/01/2008 | 36,825,216.96 | 0.000103 | 3,794.36 |
| 05/02/2008 | 41,192,223.26 | 0.000549 | 22,630.71 |
| 05/03/2008 | 41,192,223.25 | 0.000000 | 0.00 |
| 05/04/2008 | 41,192,223.25 | 0.000000 | 0.00 |
| 05/05/2008 | 41,396,996.63 | 0.000180 | 7,449.93 |
| 05/06/2008 | 40,090,202.28 | 0.000081 | 3,266.45 |
| 05/07/2008 | 39,781,474.98 | 0.000088 | 3,516.61 |
| 05/08/2008 | 39,032,222.52 | 0.000105 | 4,080.02 |
| 05/09/2008 | 39,739,465.97 | 0.000156 | 6,181.65 |
| 05/10/2008 | 39,739,465.97 | 0.000000 | 0.00 |
| 05/11/2008 | 39,739,465.97 | 0.000000 | 0.00 |
| 05/12/2008 | 38,973,906.62 | 0.000060 | 2,346.22 |
| 05/13/2008 | 34,991,269.52 | 0.000119 | 4,166.70 |
| 05/14/2008 | 35,164,543.02 | 0.000140 | 4,909.63 |
| 05/15/2008 | 34,736,163,64 | 0.000122 | 4,231.65 |
| 05/16/2008 | 34,615,483.21 | - 0.000104 | 3,610.13 |
| 05/17/2008 | 34,615,483.21 | -0.000000 | 0.00 |
| 05/18/2008 | 34,615,483.21 | 0.000000 | 0.00 |
| 05/19/2008 | 34,313,622.41 | - 0.000104 | 3,570.47 |
| 05/20/2008 | 33,252,325.04 | $4 \quad 0.000093$ | 3,085.05 |
| 05/21/2008 | 32,406,485.35 | - 0.000107 | 3,463.10 |
| 05/22/2008 | 31,888,543.56 | $\square 0.000091$ | 2,894.76 |

Kentucky Power Company
Accounts Receivable Financing Balance and Cost Calculation Thirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying Cost Charge | Carrying Cost Charge |
| :---: | :---: | :---: | :---: |
| 05/23/2008 | 31,810,946.91 | 0.000108 | 3,447.70 |
| 05/24/2008 | 31,810,946.91 | 0.000000 | 0.00 |
| 05/25/2008 | 31,810,946.91 | 0.000000 | 0.00 |
| 05/26/2008 | 31,810,946.91 | 0.000000 | 0.00 |
| 05/27/2008 | 31,630,000.90 | 0.000116 | 3,678.40 |
| 05/28/2008 | 32,425,360.01 | 0.000184 | 5,954.33 |
| 05/29/2008 | 32,311,647.01 | 0.000150 | 4,847.98 |
| 05/30/2008 | 34,043,193.07 | 0.000252 | 8,594.01 |
| 05/31/2008 | 34,043,193.07 | 0.000000 | 0.00 |
| 06/01/2008 | 34,043,193.07 | 0.000000 | 0.00 |
| 06/02/2008 | 35,314,324.65 | 0.000182 | 6,431.99 |
| 06/03/2008 | 38,969,958.44 | 0.000403 | 15,724.02 |
| 06/04/2008 | 39,995,013.08 | 0.000147 | 5,886.33 |
| 06/05/2008 | 39,772,870.86 | 0.000106 | 4,205.87 |
| 06/06/2008 | 40,351,397.40 | 0.000116 | 4,690.80 |
| 06/07/2008 | 40,351,397.4C | 0.000000 | 0.00 |
| 06/08/2008 | 40,351,397.4C | 0.000000 | 0.00 |
| 06/09/2008 | 39,858,785.10 | 0.000094 | 3,757.98 |
| 06/10/2008 | 40,816,452.00 | 0.000175 | 7,154.69 |
| 06/11/2008 | 40,851,337.4E | 0.000075 | 3,068.27 |
| 06/12/2008 | 40,885,384.2C | 0.000123 | 5,026.45 |
| 06/13/2008 | 40,804,358.72 | 0.000126 | 5,151.42 |
| 06/14/2008 | 40,804,358.72 | 0.000000 | 0.00 |
| 06/15/2008 | 40,804,358.72 | 0.000000 | 0.00 |
| 06/16/2008 | 40,673,040.78 | 0.000146 | 5,940.62 |
| 06/17/2008 | 36,424,644.83 | 0.000125 | 4,545.32 |
| 06/18/2008 | 36,177,829.85 | 0.000122 | 4,430.38 |
| 06/19/2008 | 36,238,005.6C | 0.000105 | 3,808.09 |
| 06/20/2008 | 34,984,044.32 | 0.000121 | 4,244.86 |
| 06/21/2008 | 34,984,044.32 | 0.000000 | 0.00 |
| 06/22/2008 | 34,984,044.32 | 0.000000 | 0.00 |
| 06/23/2008 | 34,560,961.91 | 0.000095 | 3,284.06 |
| 06/24/2008 | 34,797,268.97 | 0.000115 | 3,988.00 |
| 06/25/2008 | 35,283,367.67 | 0.000125 | 4,426.96 |
| 06/26/2008 | 36,243,173.31 | 0.000242 | 8,765.06 |
| 06/27/2008 | 37,875,373.87 | 0.000237 | 8,973.15 |
| 06/28/2008 | 37,875,373.87 | 0.000000 | 0.00 |
| 06/29/2008 | 37,875,373.87 | 0.000000 | 0.00 |
| 06/30/2008 | 40,160,721.97 | 0.000273 | 10,963.66 |
| 07/01/2008 | 40,479,726.22 | 0.000124 | 5,010.68 |
| 07/02/2008 | 41,694,757.4E | 0.000204 | 8,485.63 |
| 07/03/2008 | 46, 104, 104.8C | 0.000447 | 20,630.70 |
| 07/04/2008 | 46,104,104.8C | 0.000000 | 0.00 |
| 07/05/2008 | 46,104,104.8C | 0.000000 | 0.00 |
| 07/06/2008 | 46,104,104.8C | 0.000000 | 0.00 |
| 07/07/2008 | 46,278,402.35 | 0.000104 | 4,793.88 |
| 07/08/2008 | 45,217,185.26 | 0.000112 | 5,070.55 |
| 07/09/2008 | 45,576,159.22 | 0.000106 | 4,825.87 |
| 07/10/2008 | 45,902,321.57 | 0.000125 | 5,727.56 |
| 07/11/2008 | 46,185,762.00 | 0.000080 | 3,693.15 |
| 07/12/2008 | 46,185,762.0C | 0.000000 | 0.00 |
| 07/13/2008 | 46,185,762.00 | 0.000000 | 0.00 |

Kentucky Power Company Accounts Receivable Financing Balance and Cost Calculation Thirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying Cost Charge | Carrying Cost Charge |
| :---: | :---: | :---: | :---: |
| 07/14/2008 | 44,550,289.971 | 0.000098 | 4,360.57 |
| 07/15/2008 | 44,364,508.72 | 0.000144 | 6,383.17 |
| 07/16/2008 | 44,011,977,67 | 0.000082 | 3,608.48 |
| 07/17/2008 | 43,481,013.70 | 0.000096 | 4,179.36 |
| 07/18/2008 | 39,124,469,36 | 0.000091 | 3,564.14 |
| 07/19/2008 | 39,124,469,36 | 0.000000 | 0.00 |
| 07/20/2008 | 39,124,469,36 | 0.000000 | 0.00 |
| 07/21/2008 | 37,919,217.77 | 0.000089 | 3,380.35 |
| 07/22/2008 | 38,185,879.80 | 0.000095 | 3,622.36 |
| 07/23/2008 | 37,953,302.67 | 0.000088 | 3,341.41 |
| 07/24/2008 | 37,325,694.17 | 0.000092 | 3,431.26 |
| 07/25/2008 | 38,107,431.85 | 0.000151 | 5,739.21 |
| 07/26/2008 | 38,107,431,85 | 0.000000 | 0.00 |
| 07/27/2008 | 38,107,431.85 | 0.000000 | 0.00 |
| 07/28/2008 | 38,618,993.73 | 0.000145 | 5,591.70 |
| 07/29/2008 | 39,704,544,95 | 0.000162 | 6,441.91 |
| 07/30/2008 | 43,118,575,62 | 0.000295 | 12,737.96 |
| 07/31/2008 | 42,547,504.57 | 0.000085 | 3,598.64 |
| 08/01/2008 | 42,749, 139.12 | 0.000084 | 3,588.60 |
| 08/02/2008 | 42,749,139.12 | 0.000000 | 0.00 |
| 08/03/2008 | 42,749, 139.12 | 0.000000 | 0.00 |
| 08/04/2008 | 49,783,980.84 | 0.000463 | 23,042.70 |
| 08/05/2008 | 49,309,793.66 | 0.000080 | 3,925.81 |
| 08/06/2008 | 49,132,574.57 | 0.000092 | 4,532.75 |
| 08/07/2008 | 49,598,591.75 | 0.000102 | 5,046.91 |
| 08/08/2008 | 49,795,530.76 | 0.000103 | 5,151.86 |
| 08/09/2008 | 49,795,530.76 | 0.000000 | 0.00 |
| 08/10/2008 | 49,795,530.76 | 0.000000 | 0.00 |
| 08/11/2008 | 48,108,670.05 | 0.000052 | 2,525.65 |
| 08/12/2008 | 46,683,066.75 | 0.000090 | 4,216.38 |
| 08/13/2008 | 46,766,196.11 | 0.000113 | 5,289.67 |
| 08/14/2008 | 46,024,858.26 | 0.000085 | 3,891.55 |
| 08/15/2008 | 45,701,956.43 | 0.000071 | 3,263.50 |
| 08/16/2008 | 45,701,956.43 | 0.000000 | 0.00 |
| 08/17/2008 | 45,701,956.43 | 0.000000 | 0.00 |
| 08/18/2008 | 44,726,178.22 | 0.000073 | 3,272.85 |
| 08/19/2008 | 38,231,482.51 | 0.000116 | 4,442.56 |
| 08/20/2008 | 37,371,834.11 | 0.000077 | 2,871.51 |
| 08/21/2008 | 36,392,688.83 | 0.000068 | 2,490.26 |
| 08/22/2008 | 36,323,324.32 | 0.000071 | 2,562.77 |
| 08/23/2008 | 36,323,324,32 | 0.000000 | 0.00 |
| 08/24/2008 | 36,323,324.32 | 0.000000 | 0.00 |
| 08/25/2008 | 35,957,692.09 | 0.000074 | 2,660.37 |
| 08/26/2008 | 36,766,839.21 | 0.000174 | 6,409.37 |
| 08/2712008 | 37,236,227.36 | 0.000175 | 6,523.35 |
| 08/28/2008 | 39,051,228.25 | 0.000245 | 9,560.20 |
| 08/29/2008 | 39,094,279.64 | 0.000088 | 3,451.56 |
| 08/30/2008 | 39,094,279.64 | 0.000000 | 0.00 |
| 08/31/2008 | 39,094,279,64 | 0.000000 | 0.00 |
| 09/01/2008 | 39,094,279,64 | 0.000000 | 0.00 |
| 09/02/2008 | 38,462,442.61 | 0.000093 | 3,573.70 |
| 09/03/2008 | 39,510,301.89 | 0.000178 | 7,046.04 |

Kentucky Power Company Accounts Receivable Financing Balance and Cost Calculation Thirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying |
| :---: | :---: | :---: | ---: |
| Cost Charge |  |  | Carrying Cost | Charge |
| :---: |

Kentucky Power Company Accounts Receivable Financing Balance and Cost Calculation Thirteen Months Ended April 30, 2009

$\left.$| Date | A/R Balance | Daily Carrying |
| :---: | :---: | ---: | ---: |
| Cost Charge |  |  | | Carrying Cost |
| :---: |
| Charge | \right\rvert\,

KPSC Case No 2009-00316 Commission Staff 1st Set Data Requests Order Dated August 18, 2009

## Kentucky Power Company

 Accounts Receivable Financing Balance and Cost CalculationThirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying Cost Charge | Carrying Cost Charge |
| :---: | :---: | :---: | :---: |
| 12/17/2008 | 53,176,506.10 | 0.000111 | 5,910.91 |
| 12/18/2008 | 53,593,689.73 | 0.000119 | 6,371,58 |
| 12/19/2008 | 48,438,736.37 | 0.000139 | 6,717.65 |
| 12/20/2008 | 48,438,736.37 | 0.000000 | 0.00 |
| 12/21/2008 | 48,438,736.37 | 0.000000 | 0.00 |
| 12/22/2008 | 49,531,300.35 | 0.000118 | 5,845.63 |
| 12/23/2008 | 49,335,454.37 | 0.000122 | 6,023.44 |
| 12/24/2008 | 48,707,806.92 | 0.000160 | 7,791.86 |
| 12/25/2008 | 48,707,806.92 | 0.000000 | 0.00 |
| 12/26/2008 | 48,707,806.92 | 0.000000 | 0.00 |
| 12/27/2008 | 48,707,806.92 | 0.000000 | 0.00 |
| 12/28/2008 | 48,707,806.92 | 0.000000 | 0.00 |
| 12/29/2008 | 51,178,858.63 | 0.000185 | 9,467.84 |
| 12/30/2008 | 52,592,615.12 | 0.000184 | 9,677.98 |
| 12/31/2008 | 55,004,739.97 | 0.000157 | 8,640.49 |
| 01/01/2009 | 55,004,739.97 | 0.000000 | 0.00 |
| 01/02/2009 | 55,696,119.63 | 0.000112 | 6,221.71 |
| 01/03/2008 | 55,696,119.63 | 0.000000 | 0.00 |
| 01/04/2009 | 55,696,119.63 | 0.000000 | 0.00 |
| 01/05/2009 | 55,380,529.53 | 0.000117 | 6,456.95 |
| 01/06/2009 | 58,739,856.22 | 0.000303 | 17,810.18 |
| 01/07/2009 | 58,945,424.77 | 0.000073 | 4,287.11 |
| 01/09/2009 | 60,851,464.88 | 0.000062 | 3,754.99 |
| 01/10/2009 | 60,851,464.88 | 0.000000 | 0.00 |
| 01/11/2009 | 60,851,464.88 | 0.000000 | 0.00 |
| 01/08/2009 | 60,217,934.64 | 0.000093 | 5,607.86 |
| 01/12/2009 | 61,171,524.50 | 0.000066 | 4,058.82 |
| 01/13/2009 | 59,634,396.38 | 0.000053 | 3,151.03 |
| 01/14/2009 | 59,346,249.3¢ | 0.000062 | 3,680.66 |
| 01/15/2009 | 58,917,712.05 | 0.000071 | 4,165.71 |
| 01/16/2009 | 59,458,118.02 | 0.000069 | 4,090.36 |
| 01/17/2009 | 59,458,118.02 | 0.000000 | 0.00 |
| 01/18/2009 | 59,458,118.02 | 0.000000 | 0.00 |
| 01/19/2009 | 54,349,754.88 | 0.000063 | 3,406.95 |
| 01/20/2009 | 54,449,902.25 | 0.000062 | 3,352.21 |
| 01/21/2009 | 54,999,327.41 | 0.000081 | 4,441.63 |
| 01/24/2009 | 53,903,275.11 | 0.000000 | 0.00 |
| 01/25/2009 | 53,903,275.11 | 0.000000 | 0.00 |
| 01/22/2009 | 53,896,338.74 | 0.000053 | 2,839.39 |
| 01/23/2009 | 53,903,275.11 | 0.000056 | 3,013.87 |
| 01/26/2009 | 52,671,622.47 | 0.000052 | 2,762.18 |
| 01/27/2009 | 53,007,522.02 | 0.000079 | 4,208.36 |
| 01/28/2009 | 54,454,744.7¢ | 0.000088 | 4,784.09 |
| 01/29/2009 | 54,478,330.56 | 0.000033 | 1,810.74 |
| 01/30/2009 | 56,346,620.54 | 0.000076 | 4,266.98 |
| 02/01/2009 | 56,346,620.54 | 0.000000 | 0.00 |
| 02/02/2009 | 57,516,043.14 | 0.000074 | 4,275.39 |
| 01/31/2009 | 56,346,620.54 | 0.000000 | 0.00 |
| 02/03/2008 | 58,554,625.17 | 0.000080 | 4,670.13 |
| 02/04/2009 | 62,991,758.2C | 0.000178 | 11,188.51 |
| 02/05/2009 | 63,744,289,77 | 0.000055 | 3,496.40 |
| 02/07/2009 | 64,321,551.42 | 0.000000 | 0.00 |

Kentucky Power Company Accounts Receivable Financing Balance and Cost Caiculation Thirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying Cost Charge | Carrying Cost Charge |
| :---: | :---: | :---: | :---: |
| 02/08/2009 | 64,321,551.42 | 0.000000 | 0.00 |
| 02/06/2009 | 64,321,551.42 | 0.000081 | 5,185.20 |
| 02/09/2009 | 63,342,570.84 | 0.000049 | 3,078.87 |
| 02/10/2009 | 63,645,124.51 | 0.000079 | 5,053.39 |
| 02/11/2009 | 62,784,594.7C | 0.000065 | 4,082.27 |
| 02/12/2009 | 62,783,093.00 | 0.000060 | 3,776.20 |
| 02/13/2009 | 62,245,835.78 | 0.000064 | 3,965.60 |
| 02/14/2009 | 62,245,835.78 | 0.000000 | 0.00 |
| 02/15/2009 | 62,245,835.78 | 0.000000 | 0.00 |
| 02/16/2008 | 60,021,216.54 | 0.000043 | 2,606.89 |
| 02/17/2009 | 55,679,841.43 | 0.000072 | 4,014.76 |
| 02/18/2009 | 54,901,395.53 | 0.000044 | 2,406.83 |
| 02/19/2009 | 55,963,132.30 | 0.000084 | 4,714.76 |
| 02/21/2009 | 54,639,098.52 | 0.000000 | 0.00 |
| 02/22/2009 | 54,639,098.52 | 0.000000 | 0.00 |
| 02/20/2009 | 54,639,098.52 | 0.000043 | 2,374.74 |
| 02/23/2009 | 53,758,822.23 | 0.000051 | 2,733.36 |
| 02/24/2009 | 51,753,610.6C | 0.000041 | 2,121.21 |
| 02/26/2008 | 52,112,890.7C | 0.000077 | 4,022.44 |
| 02/25/2009 | 51,345,883.47 | 0.000051 | 2,604.53 |
| 02/27/2009 | 52,333,000.38 | 0.000086 | 4,508.09 |
| 03/01/2009 | 52,333,000.38 | 0.000000 | 0.00 |
| 03/02/2009 | 53,369,724.07 | 0.000090 | 4,815.34 |
| 02/28/2009 | 52,333,000.38 | 0.000000 | 0.00 |
| 03/03/2009 | 56,864,745.51 | 0.000170 | 9,667.01 |
| 03/04/2009 | 57,411,908.47 | 0.000059 | 3,400.48 |
| 03/05/2009 | 56,675,818.28 | 0.000052 | 2,960.91 |
| 03/07/2009 | 56,170,633.45 | 0.000000 | 0.00 |
| 03/08/2009 | 56,170,633,4¢ | 0.000000 | 0.00 |
| 03/06/2009 | 56,170,633.48 | 0.000039 | 2,210.40 |
| 03/09/2009 | 56,528,194.03 | 0.000062 | 3,508.85 |
| 03/10/2009 | 56,108,011.98 | 0.000051 | 2,876.84 |
| 03/11/2009 | 54,643,593.30 | 0.000050 | 2,735.18 |
| 03/12/2009 | 53,493,290.58 | 0.000046 | 2,475.36 |
| 03/13/2009 | 49,822,757.83 | 0.000071 | 3,546.56 |
| 03/14/2009 | 49,822,757.83 | 0.000000 | 0.00 |
| 03/15/2009 | 49,822,757.83 | 0.000000 | 0.00 |
| 03/16/2009 | 49,257,573.28 | 0.000058 | 2,875.22 |
| 03/17/2009 | 48,676,618.76 | 0.000073 | 3,566.02 |
| 03/18/2009 | 48,269,747.51 | 0.000033 | 1,605.72 |
| 03/19/2009 | 48,490,809.56 | 0.000048 | 2,332.32 |
| 03/21/2009 | 47,748,889.56 | 0.000000 | 0.00 |
| 03/22/2009 | 47,748,889.56 | 0.000000 | 0.00 |
| 03/20/2009 | 47,748,889.56 | 0.000050 | 2,406.41 |
| 03/23/2009 | 46,855,793.6¢ | 0.000051 | 2,392,11 |
| 03/24/2009 | 46,331,154.14 | 0.000049 | 2,280.16 |
| 03/26/2009 | 46,071,712.31 | 0.000053 | 2,448.24 |
| 03/25/2009 | 46,091,758.82 | 0.000036 | 1,681.20 |
| 03/27/2009 | 46,994,742.75 | 0.000078 | 3,669.35 |
| 03/28/2009 | 46,994,742.75 | 0.000000 | 0.00 |
| .03/29/2009 | 46,994,742.75 | 0.000000 | 0.00 |
| 03/30/2009 | 47,856,226.4E | 0.000069 | 3,298.98 |

## Kentucky Power Company

 Accounts Receivable Financing Balance and Cost CalculationThirteen Months Ended April 30, 2009

| Date | A/R Balance | Daily Carrying Cost Charge | Carrying Cost Charge |
| :---: | :---: | :---: | :---: |
| 03/31/2009 | 47,674,327.53 | 0.000068 | 3,258.90 |
| 04/01/2009 | 48,060,330.62 | 0.000065 | 3,133.38 |
| 04/02/2009 | 52,879,616.02 | 0.000185 | 9,781.41 |
| 04/04/2009 | 54,037,219.82 | 0.000000 | 0.00 |
| 04/05/2009 | 54,037,219.82 | 0.000000 | 0.00 |
| 04/03/2009 | 54,037,219.82 | 0.000058 | 3,110.24 |
| 04/06/2009 | 53,618,181.01 | 0.000037 | 2,009.01 |
| 04/07/2009 | 52,920,257.82 | 0.000056 | 2,965.01 |
| 04/08/2009 | 52,401,652.87 | 0.000043 | 2,237.97 |
| 04/09/2009 | 52,577,330.77 | 0.000054 | 2,864.72 |
| 04/10/2009 | 52,577,330.77 | 0.000000 | 0.00 |
| 04/11/2009 | 52,577,330.77 | 0.000000 | 0.00 |
| 04/12/2009 | 52,577,330.77 | 0.000000 | 0.00 |
| 04/13/2009 | 52,230,003.8C | 0.000038 | 1,986.75 |
| 04/14/2009 | 45,638,889.35 | 0.000057 | 2,607.94 |
| 04/15/2009 | 45,355,740.61 | 0.000061 | 2,768.92 |
| 04/16/2009 | 44,645,073.35 | 0.000050 | 2,227.03 |
| 04/18/2009 | 43,992,251.35 | 0.000000 | 0.00 |
| 04/19/2009 | 43,992,251.38 | 0.000000 | 0.00 |
| 04/17/2009 | 43,992,251.39 | 0.000042 | 1,865.59 |
| 04/20/2009 | 43,436,892.03 | 0.000046 | 1,998.90 |
| 04/21/2009 | 42,733,666.16 | 0.000062 | 2,645.29 |
| 04/22/2009 | 41,958,331.07 | 0.000041 | 1,724.87 |
| 04/23/2009 | 41,064,203.37 | 0.000039 | 1,589.09 |
| 04/24/2009 | 41,189,960.92 | 0.000041 | 1,682.84 |
| 04/25/2008 | 41,189,960.92 | 0.000000 | 0.00 |
| 04/26/2009 | 41,189,960.92 | 0.000000 | 0.00 |
| 04/27/2009 | 40,940,743.16 | 0.000042 | 1,713.17 |
| 04/28/2009 | 42,639,102.57 | 0.000103 | 4,407.08 |
| 04/29/2009 | 43,751,333.96 | 0.000087 | 3,826.05 |
| 04/30/2009 | 44,947,096.80 | 0.000067 | 3,030.60 |
| Sum Total All Daily Balances | \$17,679,497,707.59 | 0.034742 | 1,503,056.72 |
| Divided By Number of Days in 13 Months | 395 | 395 |  |
| Sum Total All Daily Balances | \$44,758,222.04 | 0.000088 |  |
| Number of Banking Days |  | 360 |  |
| Average Annual Carrying Cost Rate |  | 3.1680\% |  |

KENTUCKY POWER COMPANY - ENVIRONMENTAL SURCHARGE REPORT CURRENT PERIOD REVENUE REQUIREMENT BIG SANDY PLANT COST OF CAPITAL

For the Expense Month of $X X X X X X X X X, X X X X$

| $\begin{array}{\|l\|} \hline \text { LINE } \\ \text { NO } \end{array}$ | Component | Balances | Cap. Structure | Cost Rates |  | WACC <br> (Net of Tax) | GRCF |  | WACC (PRE-TAX) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | As of 04/30/2009 |  |  |  |  |  |  |  |
| 1 | L/T DEBT | \$420,000,000 | 40.964\% | 6.05\% |  | 2.48\% |  |  | 2.48\% |
| 2 | S/T DEBT | \$156,177,865 | $15233 \%$ | 2.43\% |  | 037\% |  |  | 0.37\% |
|  | ACCTS REC |  |  |  |  |  |  |  |  |
| 3 | FINANCING | \$44,758,222 | 4.365\% | 3.17\% |  | 0.14\% |  |  | $014 \%$ |
| 4 | C EQUITY | \$404,345,136 | 39 437\% | 10.50\% | 1/ | 4 14\% | 15760 | 21 | 6.53\% |
| 5 | TOTAL | \$1,025,281,223 | 100.000\% |  |  | 7.13\% |  |  | 9.52\% |
| $1 /$ | WACC $=$ Weighted Average Cost of Capital Rate of Return on Common Equity per Case No 2009-00038 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 21 | Gross Revenue Conversion Factor (GRCF) Calculation: |  |  |  |  |  |  |  |  |
| 1 | OPERATING REVENUEUNCOLLECTIBLE ACCOUNTS EXPENSE (0.26\%)Kentucky Public Service Commission Assessment ( $0.15 \%$ ) |  |  |  |  |  | 100.0000 |  |  |
| 2 |  |  |  |  |  |  | 0.2600 |  |  |
| 3 |  |  |  |  |  |  | 0.1500 |  |  |
| 4 | STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTIONSTATE INCOME TAX EXPENSE, NET OF 199 DEDUCTION (SEE BELOW) |  |  |  |  |  | 99.5900 |  |  |
| 5 |  |  |  |  |  |  | 5.6372 |  |  |
| 6 | FEDERAL. TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION199 DEDUCTION PHASE-IN |  |  |  |  |  | 93.9528 |  |  |
| 7 | 199 DEDUCTION PHASE-IN |  |  |  |  |  | 5.6372 |  |  |
| 8 | FEDERAL TAXABLE PRODUCTION INCOMEFEDERAL INCOME TAX EXPENSE AFTER 199 DEDUCTION (35\%) |  |  |  |  |  | 88.3156 |  |  |
| 9 |  |  |  |  |  |  | 30.9105 |  |  |
| 10 | AFTER-TAX PRODUCTION INCOME |  |  |  |  |  | 57.4051 |  |  |
| 11 | GROSS-UP FACTOR FOR PRODUCTION INCOME: |  |  |  |  |  |  |  |  |
| 12 | AFTER-TAX PRODUCTION INCOME |  |  |  |  |  | 57.4051 |  |  |
| 13 | 199 DEDUCTION PHASE-IN |  |  |  |  |  | 56372 |  |  |
| 14 | UNCOLLECTIBLE ACCOUNTS EXPENSEKentucky Public Service Commission Assessment (0 15\%) |  |  |  |  |  | 0.2600 |  |  |
| 15 |  |  |  |  |  |  | 0.1500 |  |  |
| 16 | TOTAL GROSS-UP FACTOR FOR PRODUCTION INCOME (ROUNDED) |  |  |  |  |  | 63.4523 |  |  |
| 17 | BLENDED FEDERAL AND STATE TAX RATE: |  |  |  |  |  |  |  |  |
| 18 | FEDERAL (LINE 8)STATE (LINE 4) |  |  |  |  |  | 30.9105 |  |  |
| 19 |  |  |  |  |  |  | 5.6372 |  |  |
| 20 | blended tax rate |  |  |  |  |  | 36.5477 |  |  |
| 21 | GROSS REVENUE CONVERSION FACTOR (100.0000 / Line 14) |  |  |  |  |  | 1.5760 |  |  |
|  | STATE INCOME TAX CALCULATION: <br> PRE-TAX PRODUCTION INCOME <br> COLLECTIBLE ACCOUNTS EXPENSE ( $0.26 \%$ ) <br> Kentucky Public Service Commission Assessment ( $0.15 \%$ ) |  |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  | 100.0000 |  |  |
| 2 |  |  |  |  |  |  | 02600 |  |  |
| 3 |  |  |  |  |  |  | 0.1500 |  |  |
| 4 | STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION LESS: STATE 199 DEDUCTION |  |  |  |  |  | 99.5900 |  |  |
| 5 |  |  |  |  |  |  | 5.6372 |  |  |
| 6 | STATE TAXABLE PRODUCTION INCOME BEFORE 199 DEDUCTION State income tax rate |  |  |  |  |  | 93.9528 |  |  |
| 7 |  |  |  |  |  |  | 6.0000 |  |  |
| 8 | STATE INCOME TAX EXPENSE (LINE $5 \times$ LINE 6) |  |  |  |  |  | 5.6372 |  |  |

## Kentucky Power Company Uncollected Accounts

| Line <br> No. <br> (1) | Description <br> (2) | Electric Revenues <br> (3) | Accounts - Net Charged Off (4) | Percent of Electric Revenues (5) |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 12 Months ended 04/30/2007 | \$412,884,602 | \$1,193,975 | 0.29\% |
| 2 | 12 Months ended 04/30/2008 | \$408,354,846 | \$1,101,516 | 0.27\% |
| 3 | 12 Months ended 04/30/2009 | \$501,432,589 | \$1,140,761 | 0.23\% |
| 4 | Total | \$1,322,672,037 | \$3,436,252 | 0.79\% |
| 5 | Three Year Average | \$440,890,679 | \$1,145,417 | 0.26\% |

KPSC Case No. 2009-00316
October 7, 2009 Informal Conference Data Requests
Item No. 2
Page 1 of 1

## Kentucky Power Company

## REQUEST

Please refer to the Company's response to the Commission Staff-1st Set of Data Requests dated August 18, 2009. On Item No. 4 page 12 of 22, explain how the Total Dollar Days, the Average Amount Short Term Borrowings ( $\$ 70,243,489.14$ ) and the Daily Weighted Average Interest Rate ( $2.6680 \%$ ) calculated?

## RESPONSE

The Total Dollar Days is the total of each day's Short Term Daily Borrowed Balance for 365 days.

The average amount of $\$ 70,243,489.14$ was calculated by dividing the Total Dollar Days value of $\$ 25,638,876,819.68$ by 365 days.

The $2.6680 \%$ was arrived at by totaling the Daily Weighted Average Borrowed Interest Rate column for the entire year.

These values were recalculated and reflected on the attachment filed herein to Item No. 1.

WITNESS: Errol K Wagner

## Kentucky Power Company

## REQUEST

Please refer to the Company's response to the Commission Staff-1st Set of Data Requests dated August 18, 2009. On Item No. 4 Page 20 of 22, how were the Average Account Receivable amount of $\$ 44,758,222.04$, the Daily Carrying Charge Average rate of 0.000088 and the Average Annual Carrying Charge Rate of $3.1664 \%$ calculated?

## RESPONSE

The Average Accounts Receivable balance of $\$ 44,758,222.04$ was calculated by taking the total daily Account Receivable of $\$ 17,679,497,707$ and dividing it by 395 (the number of daily entries for the thirteen month period).

The Daily Carrying Charge Average rate of 0.000088 was calculated by dividing the total Daily Carrying Charge of 0.034742 and dividing it by 395 (the number of daily entries for the thirteen month period).

The Average Annual Carrying Charge rate of $3.1664 \%$ was calculated by taking the Daily Carrying Charge Average rate of 0.000088 times 360 (the number of banking days) to arrive at the Annual Carrying Charge Rate of $3.1664 \%$.

WITNESS: Errol K Wagner

KPSC Case No. 2009-00316
October 7, 2009 Informal Conference Data Requests Item No. 4 Page 1 of 1

## Kentucky Power Company

## REQUEST

Please refer to the Company's response to the Commission Staff-1st Set of Data Requests dated August 18,2009 . What is the total of the Carrying Cost Charge column for the thirteen months ended April 2009 shown on pages 13 through 20 of 22 on Item No. 4 ?

## RESPONSE

The total of the Carrying Cost Charge column for the thirteen months ended April 2009 was $\$ 1,503,056.72$.

WITNESS: Errol K Wagner

## Kentucky Power Company

## REQUEST

Please refer to the Company's response to the Commission Staff-1st Set of Data Requests dated August 18, 2009. When Item No. 4 is revised to incorporate the correct Short Term Daily Borrowed Balances for January 30, 2009 through April 30, 2009, and to reflect the KPSC's assessment rate in the Gross Revenue Conversion Factor, will the Weighted Average Cost percentage total of $7.17 \%$ on page 2 of 22 changes?

## RESPONSE

Yes. When these changes are made, the Weighted Average Cost percentage total changes from $7.17 \%$ to $7.13 \%$.

WITNESS: Errol K Wagner

## Kentucky Power Company

## REQUEST

Please refer to the Company's monthly environmental surcharge calculations for the expense month August 2009. Please explain the reasons for the increase in the Trona Costs at the Gavin Plant between the calendar months of July 2009 and August 2009.

## RESPONSE

AEP amended its contract with Solvay Chemicals, Inc. in December 2008 to deliver, at a minimum, $72 \%$ ( 65,000 tons $/ 90,879$ tons) of the total trona AEP expected to consume in 2009. Due to the economic downturn, the reduced demand for coal fired generation, and the reduced sulfur content in the coal, AEP has needed only $51.7 \%$ ( 35,252 tons/ 68,159 tons) of what the Company expected to consume based on AEP's forecasted use for the first nine months of 2009. As a result of the forecast shortfall in trona requirements and the take-or-pay provisions of the Solvay Chemicals, Inc. agreement, the Company began accruing the liability in August 2009. The anticipated shortfall payment required in its agreement with Solvay may be adjusted monthly in September through December 2009. The August 2009 liability was allocated among the six generating plants based upon their estimated trona consumption at each plant.

During August 2009 of the total $\$ 1,594,587.57$ of trona costs recorded at the Gavin Plant, $\$ 368,234.57$ was the cost of trona consumed and $\$ 1,226,353$ was Gavin's share of the liability which was the result of the take-or-pay provision of the trona contract.

WITNESS: Errol K Wagner

