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October 21, 2013

Via FedEx Overnight Delivery

Mr. Jeff Derouen
Executive Director
Public Service Commission of Kentucky
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RECEIVED
OCT 22 2013
PUBLIC SERVICE
COMMISSION

In the Matter of:

Application of Big Rivers Electric Corporation for a General Adjustment
in Rates – Case No. 2013-00199

Dear Mr. Derouen:

Big Rivers Electric Corporation (“Big Rivers”) hereby files an original and ten (10) copies of the following in the aforementioned docket:

1. Fourth Update to Tab 35 of Big Rivers Application filed June 28, 2013;
2. Fourth Update to its responses to Item 43 and Item 54 of the Commission Staff's Initial Request for Information dated June 10, 2013;
3. First Update to its response to Item 3 of the Commission Staff's Third Request for Information dated September 16, 2013.

Please confirm the Commission's receipt of this information by having the Commission's date stamp placed on the enclosed additional copy and returning to Big Rivers in the self-addressed, postage paid envelop provided.

I certify that on this date, a copy of this letter and a copy of the updated responses were served on each of the persons on the attached service list by overnight express delivery.

Should you have any questions about this matter, please contact me.

Sincerely yours,


Tyson A. Kamuf

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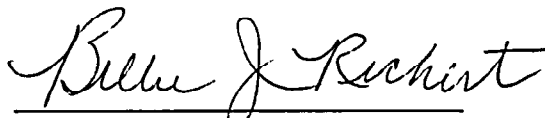
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BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199**

VERIFICATION


I, Billie J. Richert, verify, state, and affirm that I prepared or supervised the preparation of the data responses filed with this Verification, and that those data responses are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



Billie J. Richert

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN TO before me by Billie J. Richert on this
the 21 day of October, 2013.



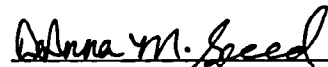
Notary Public, Ky. State at Large
My Commission Expires 8-8-2016

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199**

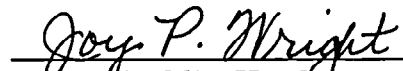
VERIFICATION

I, DeAnna M. Speed, verify, state, and affirm that I prepared or supervised the preparation of the data responses filed with this Verification, and that those data responses are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.


DeAnna M. Speed

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN TO before me by DeAnna M. Speed on this
the 18 day of October, 2013.


Notary Public, Ky. State at Large
My Commission Expires _____

Notary Public, Kentucky State-At-Large
My Commission Expires: July 3, 2014
ID 421951



ORIGINAL



Your Touchstone Energy® Cooperative 

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

APPLICATION OF BIG RIVERS)
ELECTRIC CORPORATION FOR A) Case No. 2012-00535
GENERAL ADJUST IN RATES)

Fourth Updated Response to the Big Rivers Application
Tab 35 originally filed June 28, 2013

Fourth Updated Responses to the Commission Staff's
Initial Request for Information dated June 10, 2013

First Updated Response to the Commission Staff's
Third Request for Information dated September 16, 2013

FILED: October 22, 2013

ORIGINAL

Big Rivers Electric Corporation
Case No. 2013-00199
Forecasted Test Period Filing Requirements
(Forecast Test Year 12ME 01-31-2015; Base Period 12ME 09/30/2013)

1 Tab No. 35 – July 12, 2013
2 First Update Tab No. 35 – July 24, 2013
3 Second Update Tab No. 35 – August 21, 2013
4 Third Update Tab No. 35 – September 20, 2013
5 Fourth Update Tab No. 35 – October 22, 2013
6 Filing Requirement
7 807 KAR 5:001 Section 16(12)(o)
8 Sponsoring Witness: Billie J. Richert
9

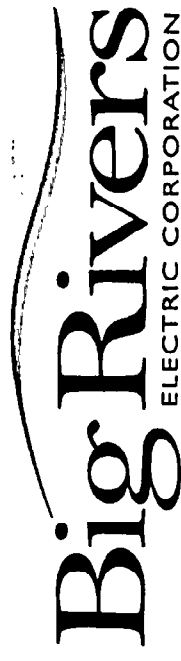
10 **Description of Filing Requirement:**
11

12 *Complete monthly budget variance reports, with narrative*
13 *explanations, for the twelve (12) months prior to the base*
14 *period, each month of the base period, and any subsequent*
15 *months, as they become available.*

16
17 **Response:**
18

19 Attached hereto is the monthly variance report for July
20 2013. With its application filed on June 28, 2013, Big Rivers
21 provided monthly variance reports, with narrative
22 explanations, for October 2011 through March, 2013. The
23 April 2013 report was filed with the First Update on July 24,
24 2013. The May 2013 report was filed with the Second
25 Update on August 22, 2013. The June 2013 report was filed
26 with the Third Update on September 20, 2013.

27



Your Touchstone Energy® Cooperative 

Financial Report

July 2013

(\$ in Thousands)

Board Meeting Date: September 20, 2013



Summary of Statement of Operations
YTD – July

	2013			2012	
	Actual	Budget	Fav/(UnFav) Variance	Actual	Fav/(UnFav) Variance
Revenues	353,357	336,522	16,835	327,373	25,984
Cost of Electric Service	338,113	338,466	353	323,047	(15,066)
Operating Margins	15,244	(1,944)	17,188	4,326	10,918
Interest Income/Other	1,926	2,448	(522)	82	1,844
Net Margins - YTD	17,170	504	16,666	4,408	12,762



Your Touchstone Energy® Competitive Star

Statement of Operations – July

Variance to Budget

	Current Month		Year-to-Date		Variance Fav/(UnFav)	Explanation
	Actual	Budget	Actual	Budget		
ELECTRIC ENERGY REVENUES	53,546	51,189	350,905	334,363	16,542	[A] Pages 7, 9-13, 16-21
OTHER OPERATING REVENUE AND INCOME	495	307	2,452	2,159	293	[B] Page 22
TOTAL OPER REVENUES & PATRONAGE CAPITAL	54,041	51,496	353,357	336,522	16,835	
OPERATION EXPENSE-PRODUCTION-EXCL FUEL	4,411	4,612	29,888	32,457	2,569	[A] Pages 6, 14-15, 23
OPERATION EXPENSE-PRODUCTION-FUEL	20,726	22,358	141,724	146,545	4,821	[A] Pages 8, 14-15
OPERATION EXPENSE-OTHER POWER SUPPLY	11,472	7,407	69,397	53,405	(14,992)	[A] Pages 8, 14-15, 23
OPERATION EXPENSE-TRANSMISSION	975	794	6,658	5,420	(1,238)	[B] Page 24
OPERATION EXPENSE-RTO/ISO	196	201	1,505	1,341	(164)	
OPERATION EXPENSE-CUSTOMER ACCOUNTS	0	0	132	0	(132)	
CONSUMER SERVICE & INFORMATIONAL EXPENSE	82	86	439	858	419	[B] Page 25
OPERATION EXPENSE-SALES	0	7	25	79	54	
OPERATION EXPENSE-ADMINISTRATIVE & GENERAL	2,137	2,206	14,647	17,160	2,513	[B] & [C] Page 26
TOTAL OPERATION EXPENSE	39,999	37,671	263,415	257,265	(6,150)	
MAINTENANCE EXPENSE-PRODUCTION	3,180	3,314	21,592	26,985	5,393	[B] & [C] Page 27
MAINTENANCE EXPENSE-TRANSMISSION	444	526	2,467	3,058	591	[B] Page 28
MAINTENANCE EXPENSE-GENERAL PLANT	23	18	152	126	(26)	
TOTAL MAINTENANCE EXPENSE	3,647	3,858	24,211	30,169	5,958	
DEPRECIATION & AMORTIZATION EXPENSE	3,430	3,487	24,003	24,212	209	
TAXES	0	0	2	1	(1)	
INTEREST ON LONG-TERM DEBT	3,601	3,936	25,687	26,744	1,057	
INTEREST CHARGED TO CONSTRUCTION-CREDIT	(21)	(90)	(204)	(257)	(53)	
OTHER INTEREST EXPENSE	0	0	0	0	0	
OTHER DEDUCTIONS	61	44	899	332	(667)	[B] Page 29
TOTAL COST OF ELECTRIC SERVICE	50,717	48,916	338,113	338,466	353	
OPERATING MARGINS	3,324	2,580	15,244	(1,944)	17,188	
INTEREST INCOME	154	168	1,143	1,185	(42)	
ALLOWANCE FOR FUNDS USED DURING CONST	0	0	0	0	0	
OTHER NON-OPERATING INCOME - NET	0	0	0	0	0	
OTHER CAPITAL CREDITS & PAT DIVIDENDS	0	0	783	1,263	(480)	[B] Page 30
EXTRAORDINARY ITEMS	0	0	0	0	0	
NET PATRONAGE CAPITAL OR MARGINS	3,478	2,748	17,170	504	16,666	

YTD Explanations: [A] Gross Margin, [B] 10% of budgeted line item and \$250,000 or [C] 10% of YTD margin variance and \$500,000.



Year To-Date Energy Comparative

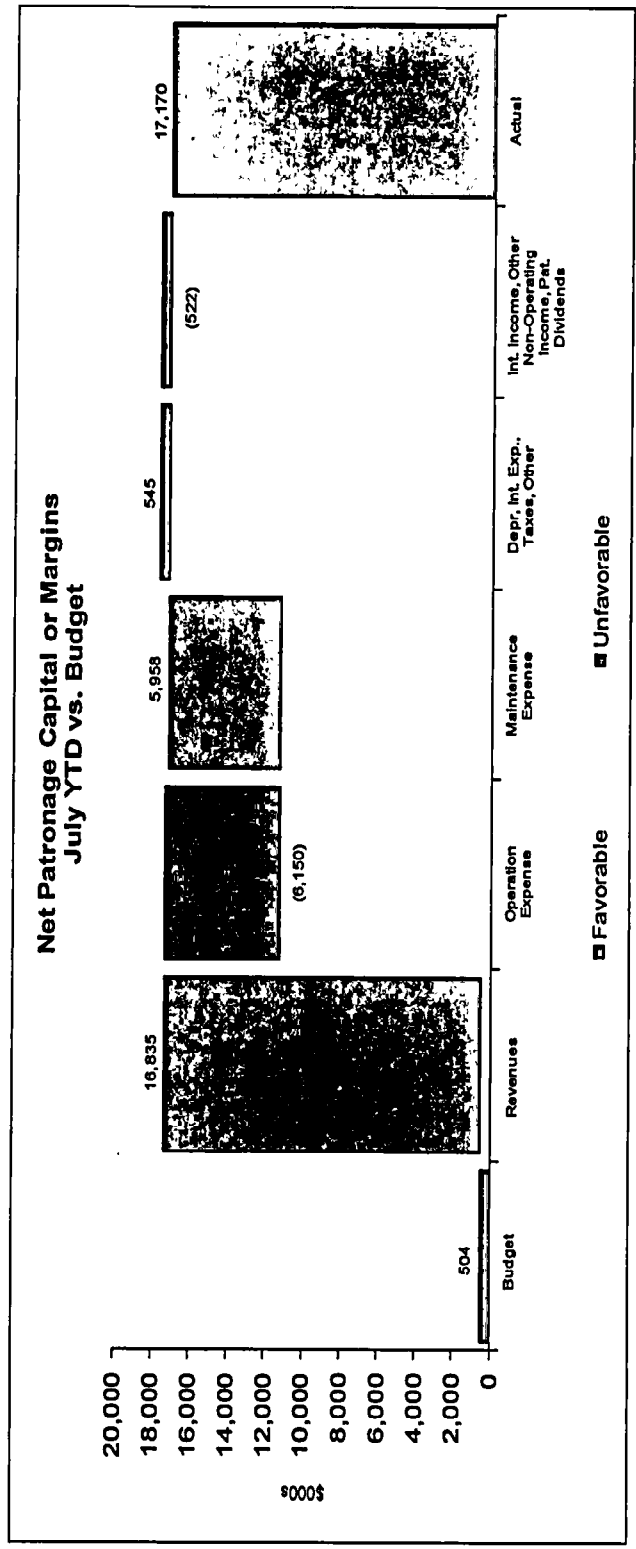
Statement of Operations – July

Variance to Prior-Year

	Current Month		Year-to-Date		Variance Fav/(UnFav)	Explanation
	Actual	Prior Year	Actual	Prior Year		
ELECTRIC ENERGY REVENUES	53,546	50,886	350,805	324,388	26,507	[A] Pages 7, 9-13, 16-21
OTHER OPERATING REVENUE AND INCOME	485	587	2,452	2,975	(523)	[B] & [C] Page 22
TOTAL OPER REVENUES & PATRONAGE CAPITAL	54,041	51,253	353,357	327,373	25,984	
OPERATION EXPENSE-PRODUCTION-EXCL FUEL	4,411	4,185	29,888	28,022	(1,866)	[A] Pages 8, 14-15, 23
OPERATION EXPENSE-PRODUCTION-FUEL	20,728	21,591	141,724	128,481	(13,243)	[A] Pages 8, 14-15
OPERATION EXPENSE-OTHER POWER SUPPLY	11,472	9,897	66,397	66,843	(1,554)	[A] Pages 8, 14-15, 23
OPERATION EXPENSE-TRANSMISSION	975	954	6,532	5,932	(728)	[B] & [C] Page 24
OPERATION EXPENSE-RTO/ISO	198	138	1,505	1,384	(141)	
OPERATION EXPENSE-CUSTOMER ACCOUNTS	0	0	132	0	(132)	
CONSUMER SERVICE & INFORMATIONAL EXPENSE	82	90	439	289	(150)	
OPERATION EXPENSE-SALES	0	5	25	25	0	
OPERATION EXPENSE-ADMINISTRATIVE & GENERAL	2,137	2,004	14,647	15,797	1,150	[C] Page 26
TOTAL OPERATION EXPENSE	39,869	37,834	263,415	246,753	(16,662)	
MAINTENANCE EXPENSE-PRODUCTION	3,180	3,350	21,592	23,776	2,184	[C] Page 27
MAINTENANCE EXPENSE-TRANSMISSION	444	450	2,487	2,784	317	[B] Page 28
MAINTENANCE EXPENSE-GENERAL PLANT	23	1	152	94	(58)	
TOTAL MAINTENANCE EXPENSE	3,647	3,801	24,211	26,654	2,443	
DEPRECIATION & AMORTIZATION EXPENSE	3,429	3,404	24,003	23,767	(236)	
TAXES	0	0	2	4	2	
INTEREST ON LONG-TERM DEBT	3,801	3,680	25,687	26,164	477	
INTEREST CHARGED TO CONSTRUCTION-CREDIT	(21)	(59)	(204)	(444)	(240)	
OTHER INTEREST EXPENSE	0	11	0	11	11	
OTHER DEDUCTIONS	62	15	899	138	(861)	[B] & [C] Page 29
TOTAL COST OF ELECTRIC SERVICE	50,717	48,486	336,113	323,047	(15,066)	
OPERATING MARGINS	3,324	2,767	15,244	4,326	10,918	
INTEREST INCOME	154	6	1,143	37	1,106	[B] & [C] Page 31
ALLOWANCE FOR FUNDS USED DURING CONST	0	0	0	0	0	
OTHER NON-OPERATING INCOME - NET	0	0	0	0	0	
OTHER CAPITAL CREDITS & PAT DIVIDENDS	0	0	783	45	738	[B] & [C] Page 30
EXTRAORDINARY ITEMS	0	0	0	0	0	
NET PATRONAGE CAPITAL OR MARGINS	3,478	2,773	17,170	4,408	12,762	

YTD Explanations: [A] Gross Margin, [B] 10% of prior year line item and \$250,000 or [C] 10% of YTD margin variance and \$500,000.

Variance Analysis Summary

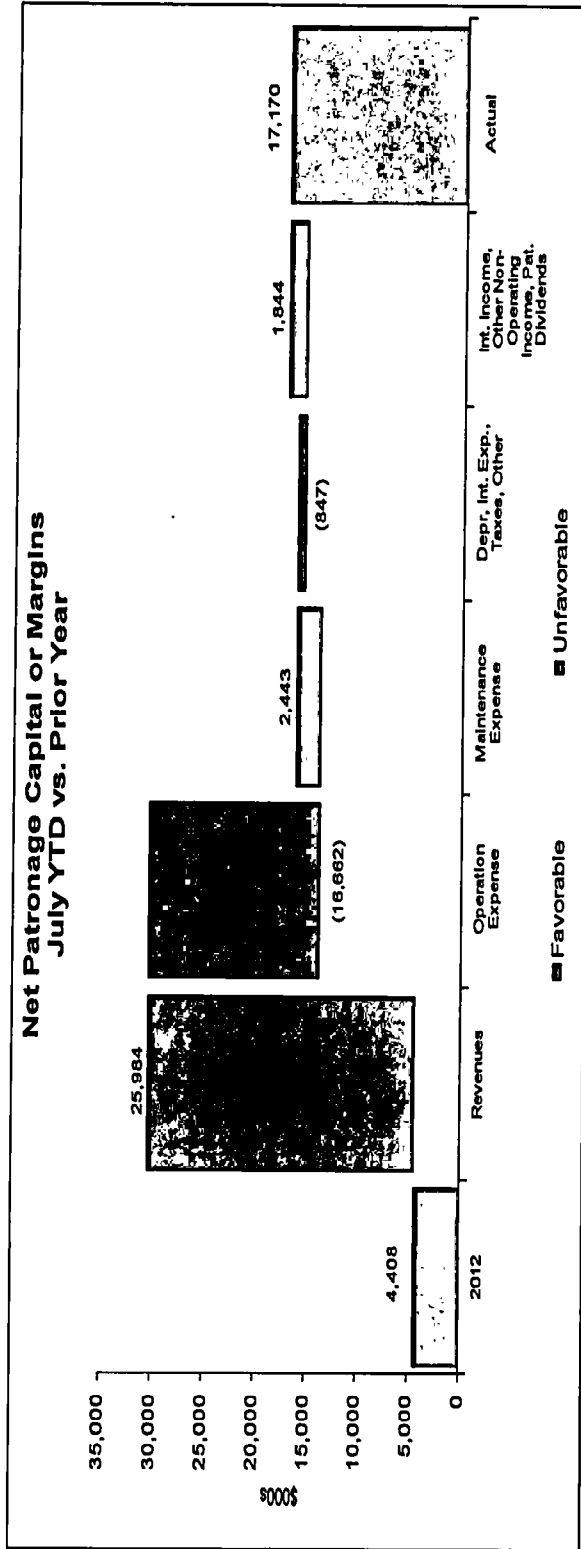


Financial Commentary

Year-to-Date

- July YTD 2013 Margins were \$16,666 favorable to budget.
- Revenues were favorable \$16,835 primarily due to OSS volumes, as well as the \$1.4m retroactive rate adjustment per the January 29th PSC order (see pages 7, 9-13, 16-22).
- Operation Expense was unfavorable \$6,150 driven by purchased power, while somewhat offset by fuel, reagent and non-variable operations (see pages 8 & 23).
- Maintenance Expense was favorable \$5,958 primarily due to timing of the Coleman outage and maintenance expenses at the plants (see pages 27 & 28).
- Depreciation/Interest Expense/Other was favorable \$545 primarily due to interest savings on the paid-off 1983 pollution control bonds.
- Interest Income/Patronage was unfavorable \$522 due to timing of the allocation of patronage capital from CFC (see page 30).

Variance Analysis Summary



Financial Commentary

Year-to-Date

- July YTD 2013 margins were \$12,762 favorable compared to 2012.
- Revenues were favorable \$25,984 largely due to volumes, most of which is from OSS (see pages 7, 9-13, 16-22).
- Operation Expense was unfavorable \$16,662 — driven by higher fuel cost, mostly due to volume, partially offset by lower purchase power.
- Maintenance Expense was favorable \$2,443 due to higher outage expenses in 2012, as well as deferral of the 2013 Coleman outage (see page 27).
- Depreciation/Interest Expense/Other was unfavorable \$847 primarily due to the write-off of delisted costs associated with the 1983 pollution control bonds, as well as the 2012 CoBank Revolver. (see page 29).
- Interest Income/Patronage was favorable \$1,844 due to patronage capital as a result of the 2012 refinancing and the interest on the CFC capital term certificates (see pages 30-31).

**Revenue
YTD July**

	Actual 2013	Budget 2013	Variance	Actual 2012	Variance
MWh Sales					
Rural	1,382,624	1,417,966	(35,342)	1,381,170	1,454
Large Industrial	589,744	549,280	60,464	566,068	33,676
Smelter	4,304,689	4,280,875	23,814	4,328,305	(23,616)
Off-System/Other	1,256,168	635,834	620,324	760,683	506,676
Total	7,543,215	6,883,955	659,260	7,026,126	517,089

	53.15	52.40	0.75	50.27	2.88
Revenue - \$/MWh					
Rural	53.15	52.40	0.75	50.27	2.88
Large Industrial	44.33	44.50	(0.17)	42.84	1.48
Smelter	48.99	50.20	(1.21)	48.41	0.58
Off-System/Other	31.81	32.61	(0.80)	28.22	3.59
Total	46.52	48.57	(2.05)	46.17	0.35

	73,488	74,305	(817)	69,436	4,052
Revenue - Thousands of \$					
Rural ⁽¹⁾	73,488	74,305	(817)	69,436	4,052
Large Industrial	26,685	24,442	2,143	24,253	2,332
Smelter	210,879	214,880	(4,001)	209,527	1,352
Off-System/Other	39,853	20,736	19,217	21,182	18,771
Total	350,905	334,363	16,542	324,398	26,507

⁽¹⁾ Includes \$1.3m of the \$1.4m retroactive adjustment from January 29th order by the PSC.

**Revenue Price / Volume Analysis
July 2013**

	Price	Volume	Total
Rural	1,035	(1,852)	(817)
Large Industrial	(103)	2,246	2,143
Smelter	(5,196)	1,195	(4,001)
Off-System/Other	(1,014)	20,231	19,217
	(5,278)	21,820	16,542

Variable Operations Cost
YTD July

	Actual 2013	Budget 2013	Variance	Actual 2012	Variance
Variable Operations (VO) Cost - \$/MWh					
Rural	26.01	27.06	1.05	25.85	(0.16)
Large Industrial	26.07	27.08	0.99	25.83	(0.24)
Smelter	26.92	27.84	0.92	26.58	(0.34)
Off-System/Other	26.63	27.54	0.91	26.04	(0.59)
Total	26.64	27.59	0.95	26.32	(0.32)

	Actual	Budget	Variance	Actual	Variance
VO Cost - Thousands of \$					
Rural	35,963	38,368	2,405	35,698	(265)
Large Industrial	15,636	14,863	(772)	14,621	(1,014)
Smelter	115,896	119,187	3,291	115,036	(860)
Off-System/Other	33,451	17,511	(15,940)	19,548	(13,903)
Total	200,945	189,929	(11,016)	184,903	(16,042)

YTD July 2013
Variable Operations Expense

	Actual	Budget	Fav/(UnFav)	Price Variance Fav/(UnFav)	Volume Variance Fav/(UnFav)	Fav/(UnFav)
Reagent	16,532	17,650	1,118	461	657	1,118
Fuel	157,077	163,126	6,049	4,942	1,107	6,049
Purchased Power	29,084	10,694	(18,390)	(109)	(18,281)	(18,390)
Non-FAC PPA (Non-Smelter)	(1,748)	(1,541)	207	195	12	207
	200,945	189,929	(11,016)	5,489	(16,505)	(11,016)

**Gross Margin
YTD July**

	Actual		Budget		Actual		2012	
	2013	2013	2013	2013	2012	2012	Variance	Variance
Gross Margin - \$/MWh								
Rural	27.14	25.34	1.80	24.42	2.72			
Large Industrial	18.26	17.44	0.82	17.01	1.25			
Smelter	22.07	22.36	(0.29)	21.83	0.24			
Off-System/Other	5.18	5.07	0.11	2.18	3.00			
Total	19.88	20.98	(1.10)	19.85	0.03			

Gross Margin - Thousands of \$								
Rural	37,525	35,937	1,588	33,738	3,787			
Large Industrial	10,950	9,579	1,371	9,632	1,318			
Smelter	94,983	95,693	(710)	94,491	492			
Off-System/Other	6,502	3,225	3,277	1,634	4,868			
Total	149,960	144,434	5,526	139,495	10,465			

Gross Margin

**Price / Volume Analysis
July 2013**

	Price / Volume		
	Price	Volume	Total
Rural	2,484	(896)	1,588
Large Industrial	491	880	1,371
Smelter	(1,242)	532	(710)
Off-System/Other	131	3,146	3,277
	1,864	3,662	5,526



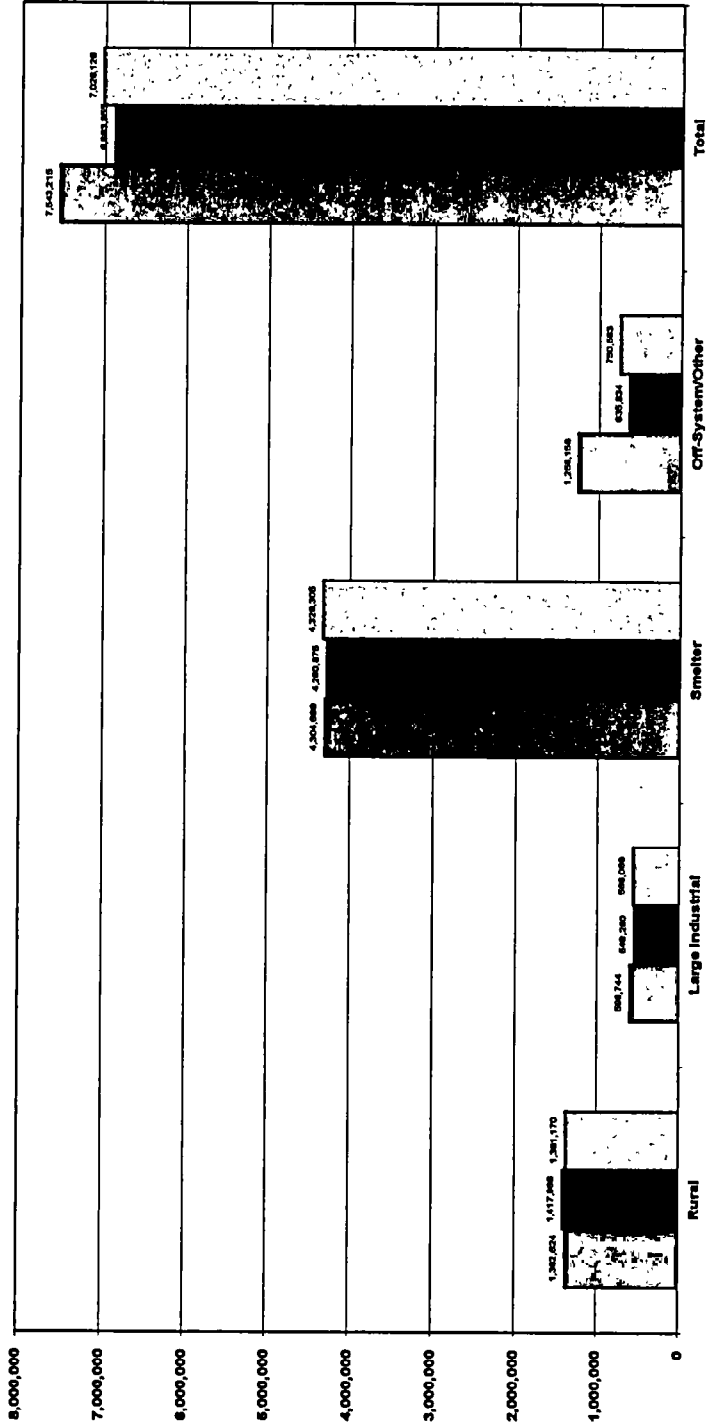
Your Touchstone Energy® Cooperative

Member Rate Stability Mechanism YTD July

	Actual 2013	Budget 2013	Variance 2013	Actual 2012	Variance 2012	Actual 2013	Budget 2013	Variance 2013	Actual 2012	Variance 2012
MRSM - \$/MWh										
Rural	(6.76)	(7.23)	0.47	(6.42)	(0.34)	46.39	45.17	1.22	43.85	2.54
Large Industrial	(6.38)	(6.72)	0.34	(6.42)	0.04	37.95	37.78	0.17	36.42	1.53
Total	(6.64)	(7.09)	0.45	(6.42)	(0.22)	43.84	43.11	0.73	41.69	2.15
Net Revenue - \$/MWh										
Rural										
Large Industrial										
Total										
MRSM - Thousands of \$										
Rural	(9,343)	(10,254)	911	(8,820)	(523)	64,145	64,051	94	60,616	3,529
Large Industrial	(3,824)	(3,691)	(133)	(3,980)	(144)	22,761	20,751	2,010	20,573	2,188
Total	(13,167)	(13,945)	778	(12,500)	(667)	86,906	84,802	2,104	81,189	5,717

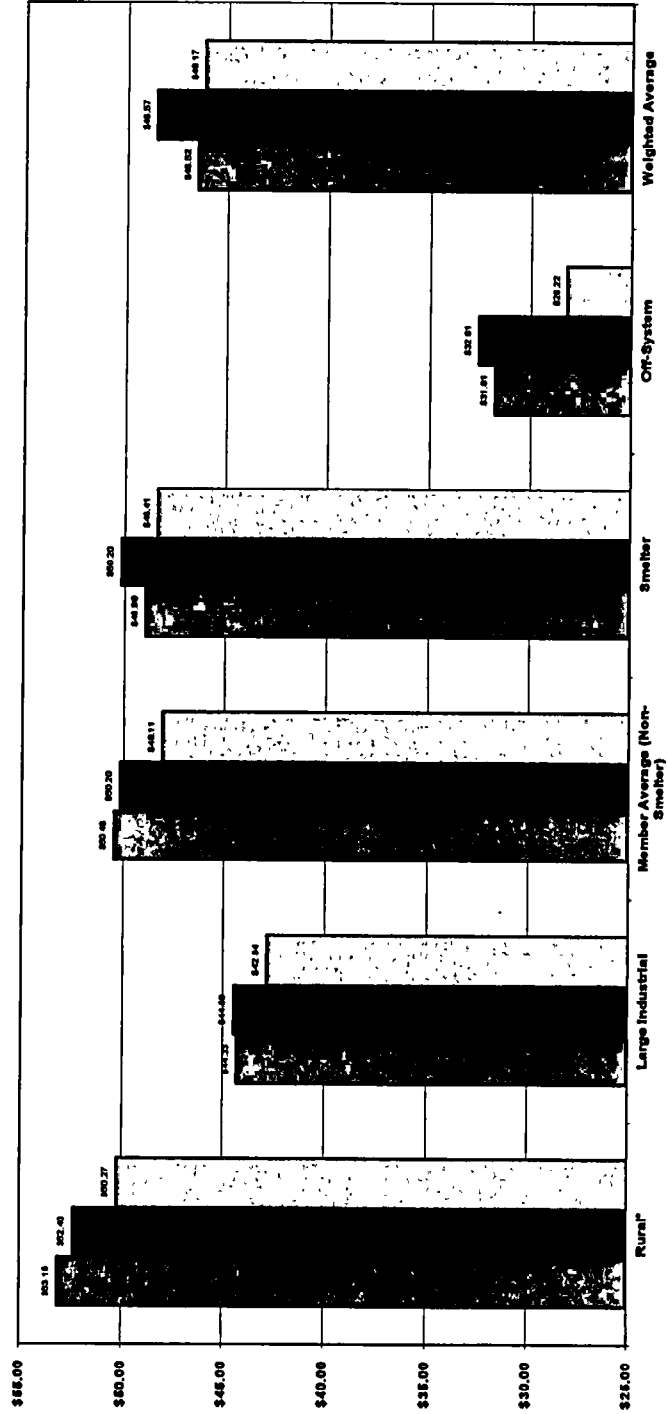
<u>Economic Reserve Balance</u>		
	<u>Actual</u>	<u>Budget</u>
Cumulative-to-Date		
Original Deposit	\$ 157,000	
Interest Earnings	3,321	
Withdrawals	(92,397)	
Ending Balance 07/31/2013	\$ 67,924	\$ 66,948
Year-to-Date		
Beg. Balance 1/1/2013	\$ 80,643	
Interest Earnings	118	
Withdrawals	(12,837)	
Ending Balance 07/31/2013	\$ 67,924	\$ 66,948
	\$ 976	\$ 976

**MWH Sales
YTD -- July**



Favorable Budget
 Unfavorable Prior Year

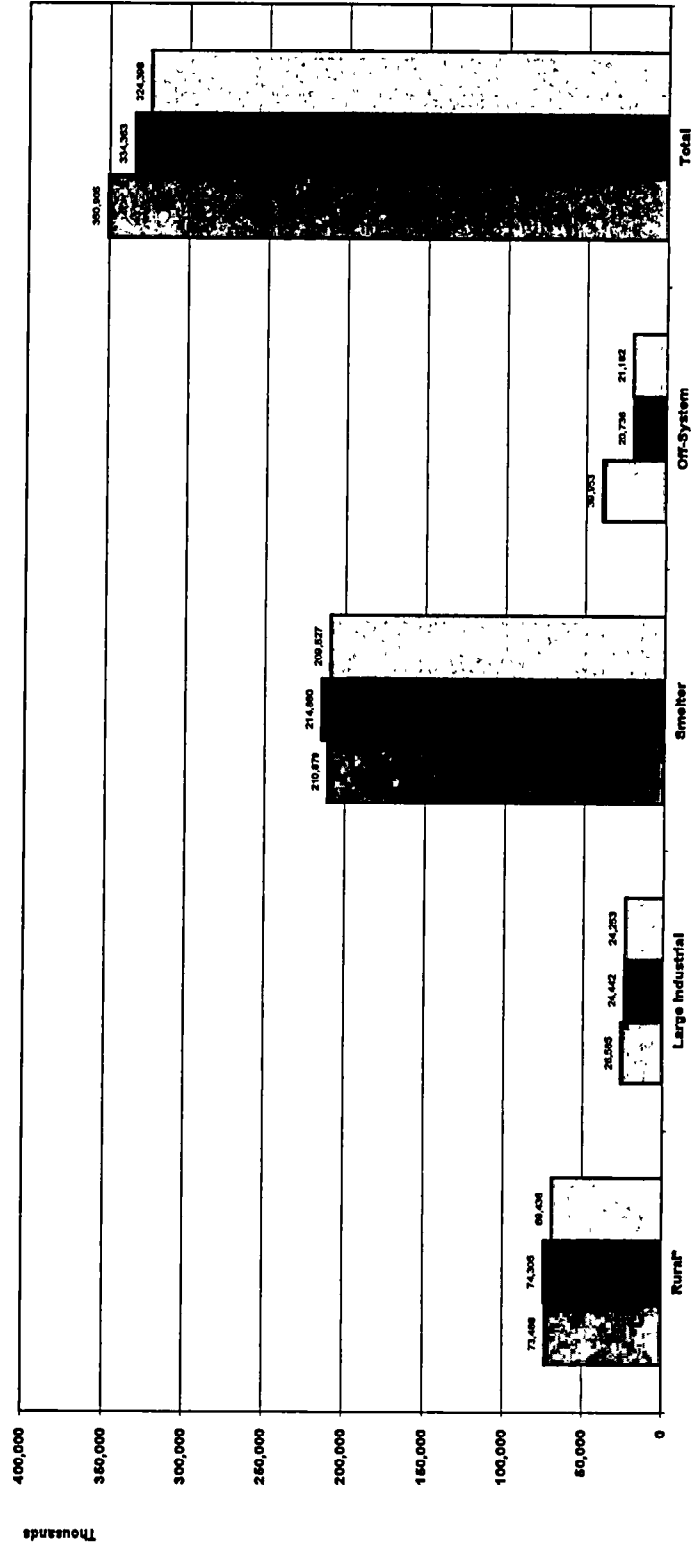
Revenue - \$/MWh Sold YTD - July



*2013 Rural includes \$1.3m of the \$1.4m retroactive adjustment from January 29th order by the PSC

- Favorable
- Budget
- Unfavorable
- Prior Year

Revenue YTD - July

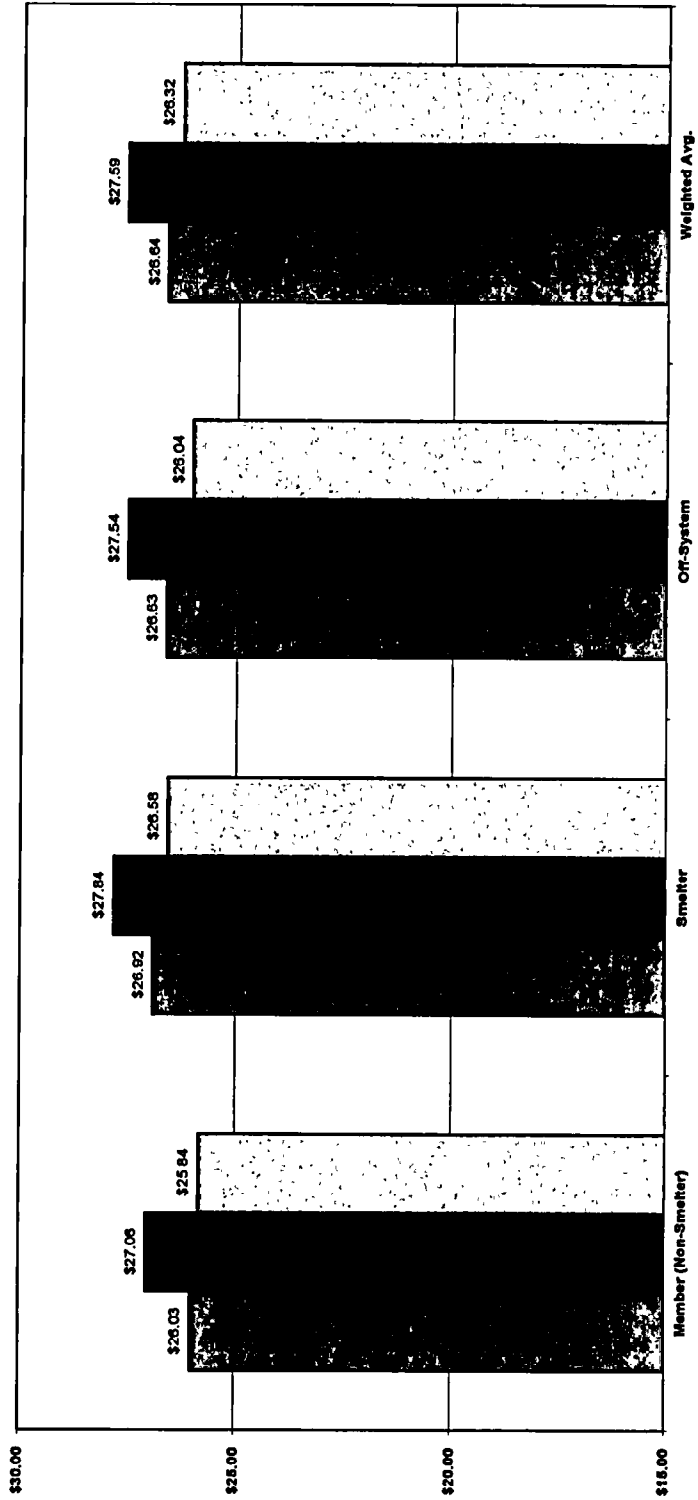


*2013 Rural includes \$1.3m of the \$1.4m retroactive adjustment from January 29th order from the PSC

- Favorable
- Unfavorable
- Budget
- Prior Year

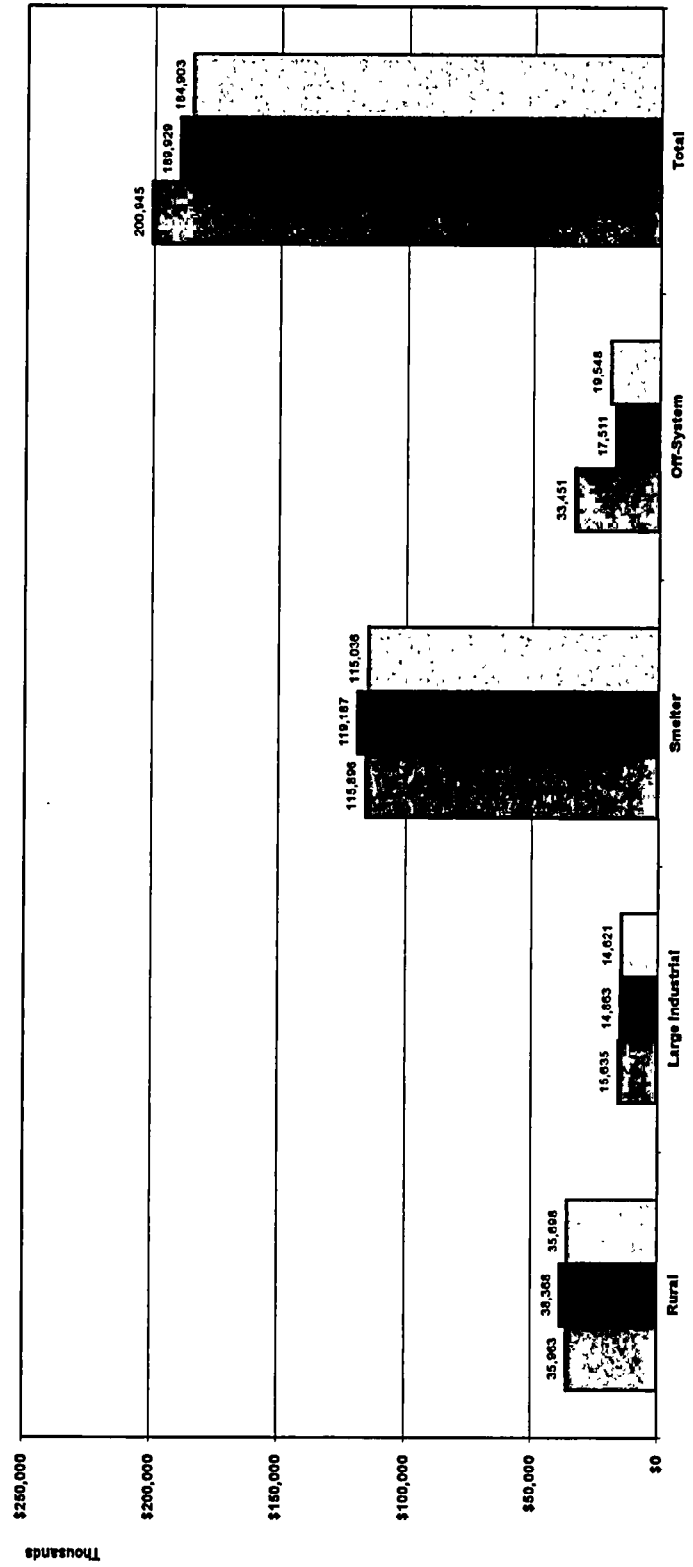


Variable Operations - \$/MWh Sold YTD - July



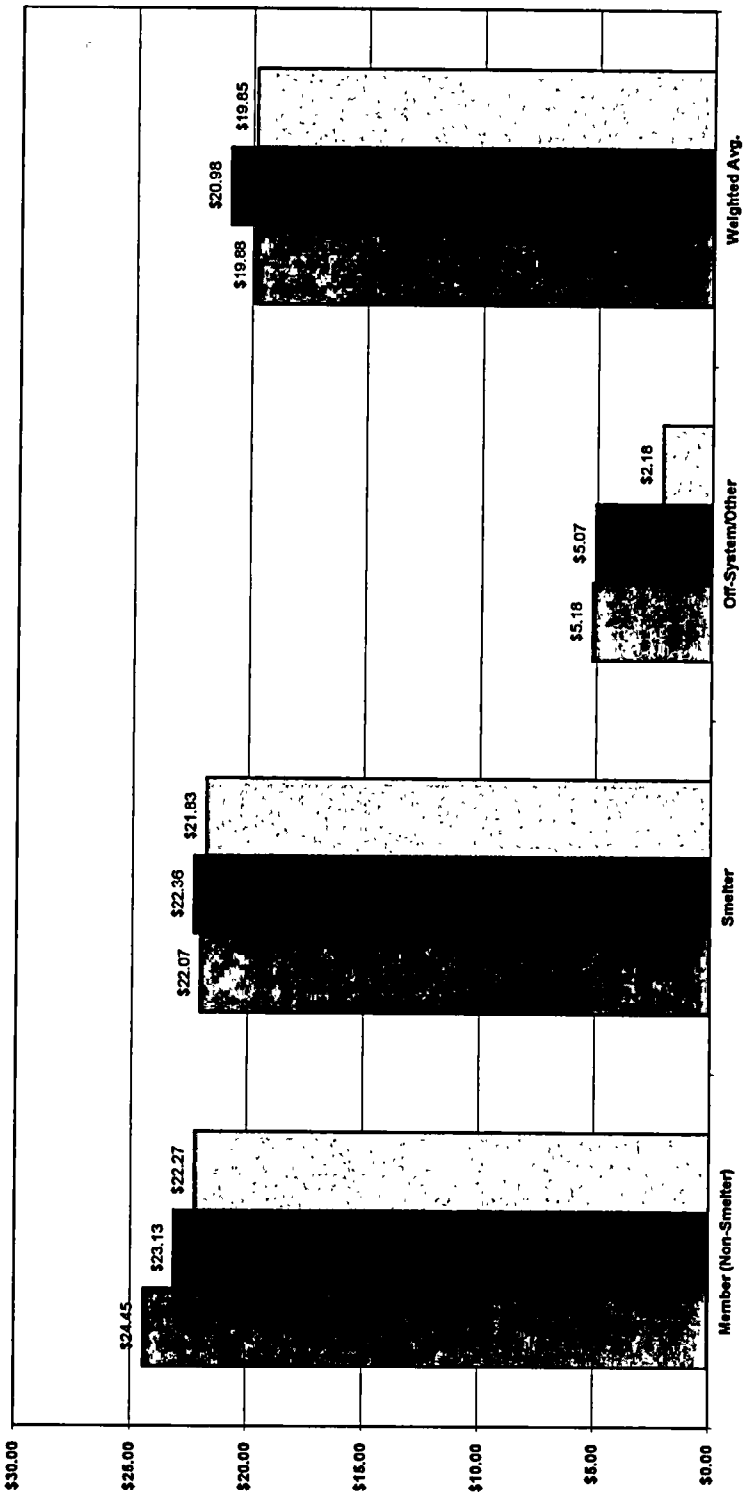
Favorable Budget
 Unfavorable Prior Year

Variable Operations Cost YTD – July



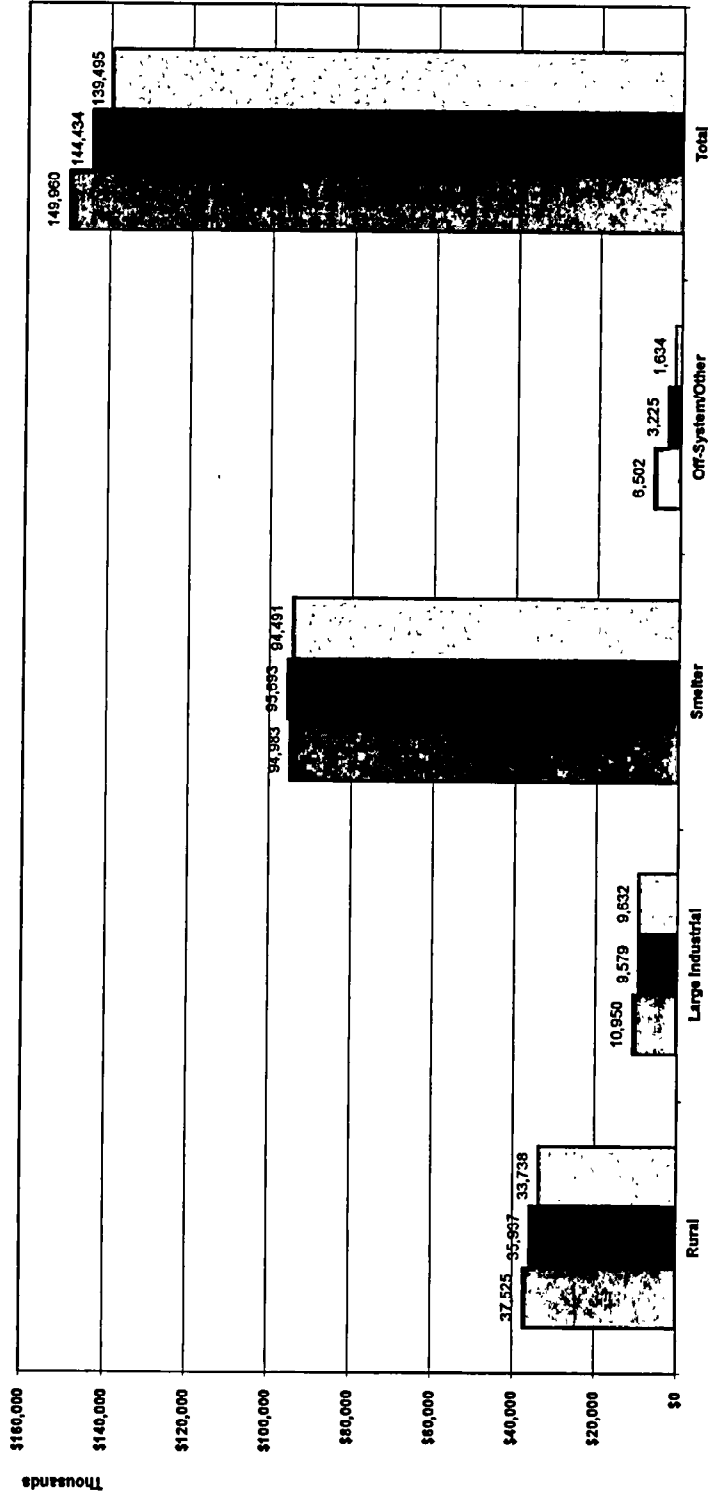
Favorable Budget
 Unfavorable Prior Year

Gross Margin - \$/MWh YTD - July



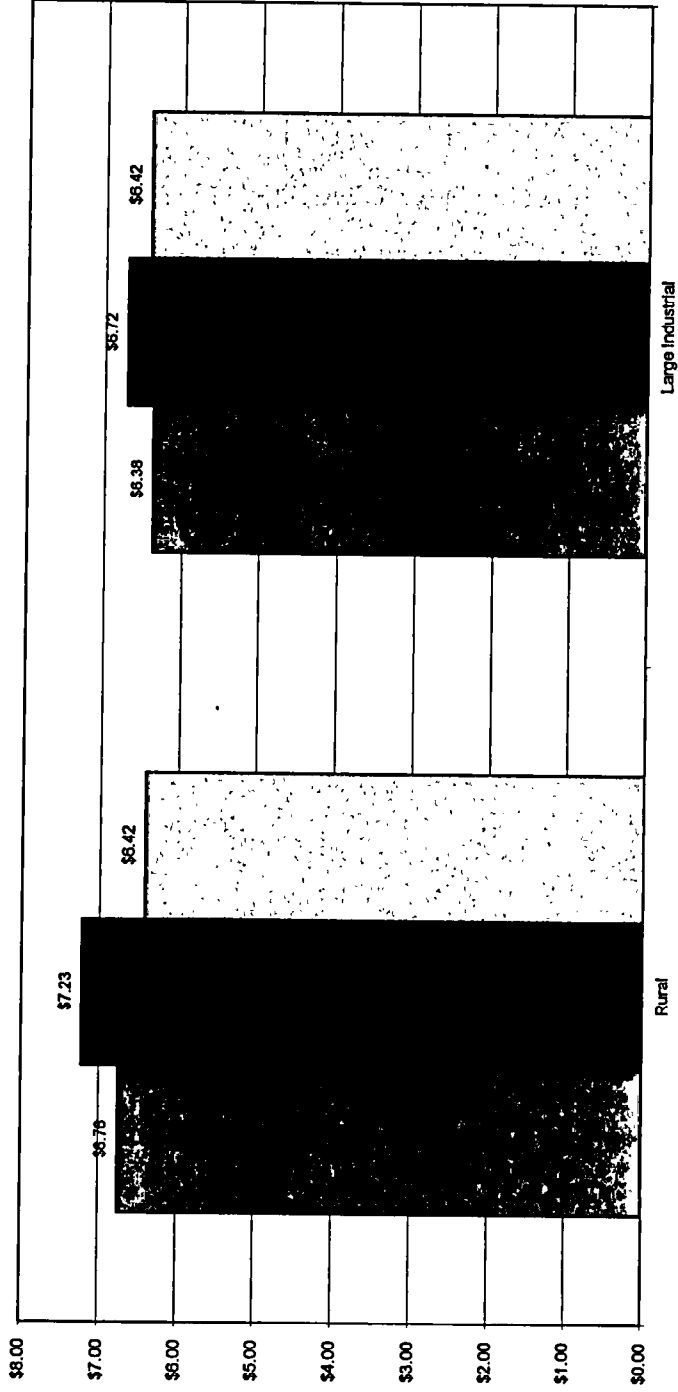
Favorable
 Unfavorable
 Budget
 Prior Year

Gross Margin YTD - July



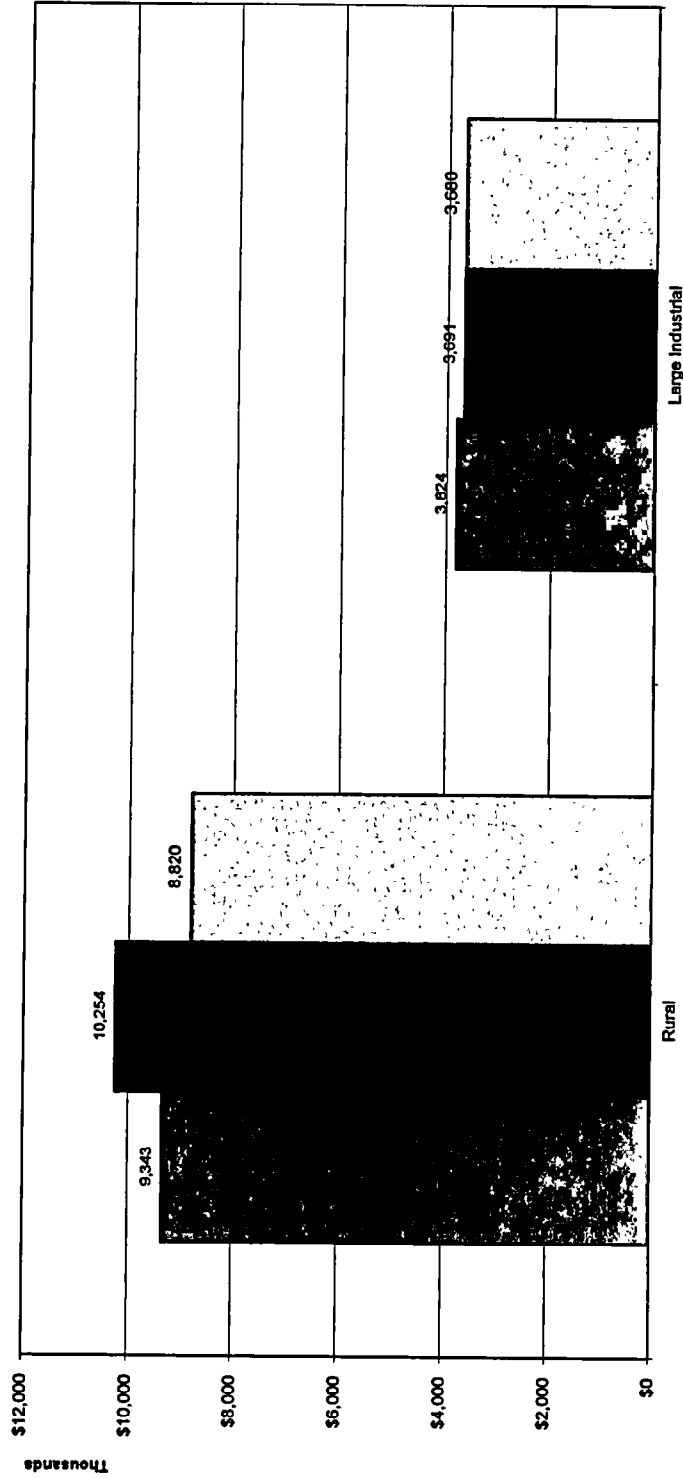
Favorable Budget
 Unfavorable Prior Year

**MRSM - \$/MWh
YTD - July**



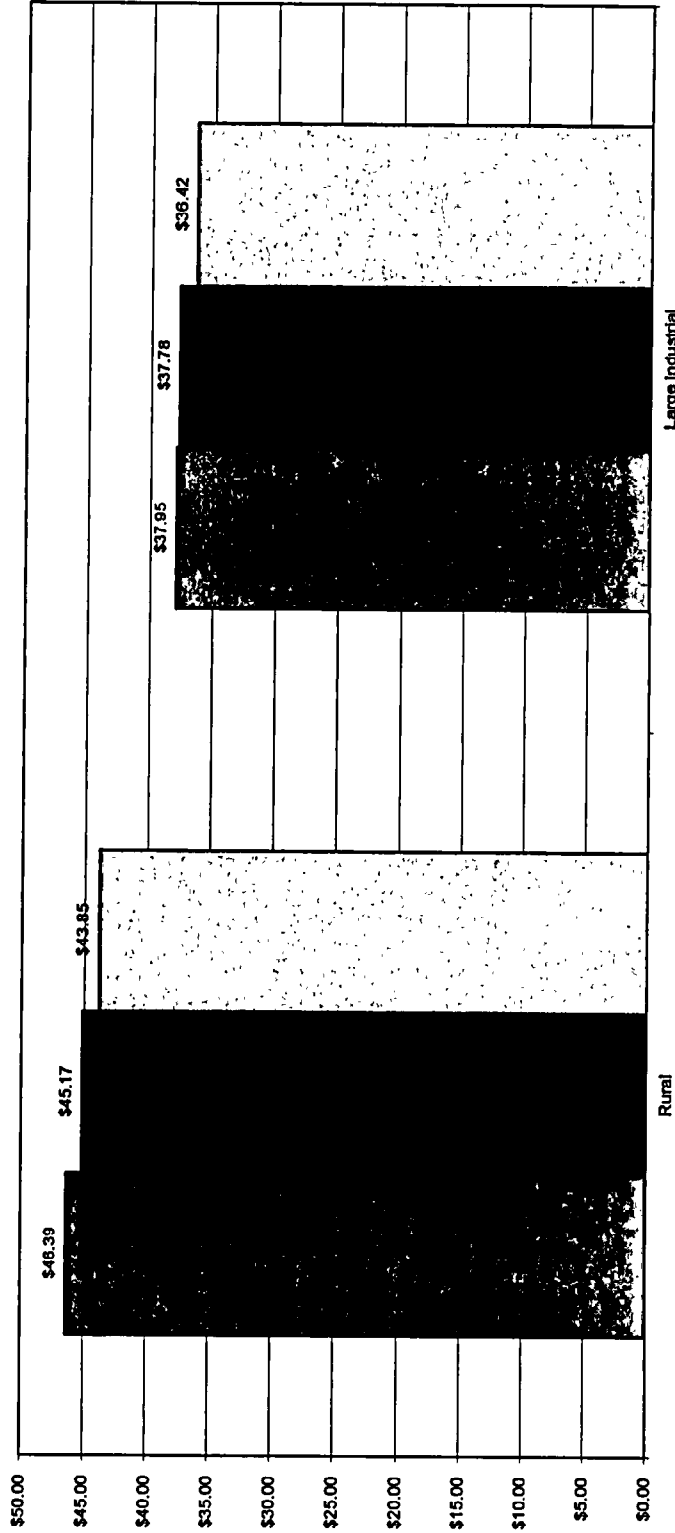
Favorable Budget
 Unfavorable Prior Year

MRSM
YTD - July



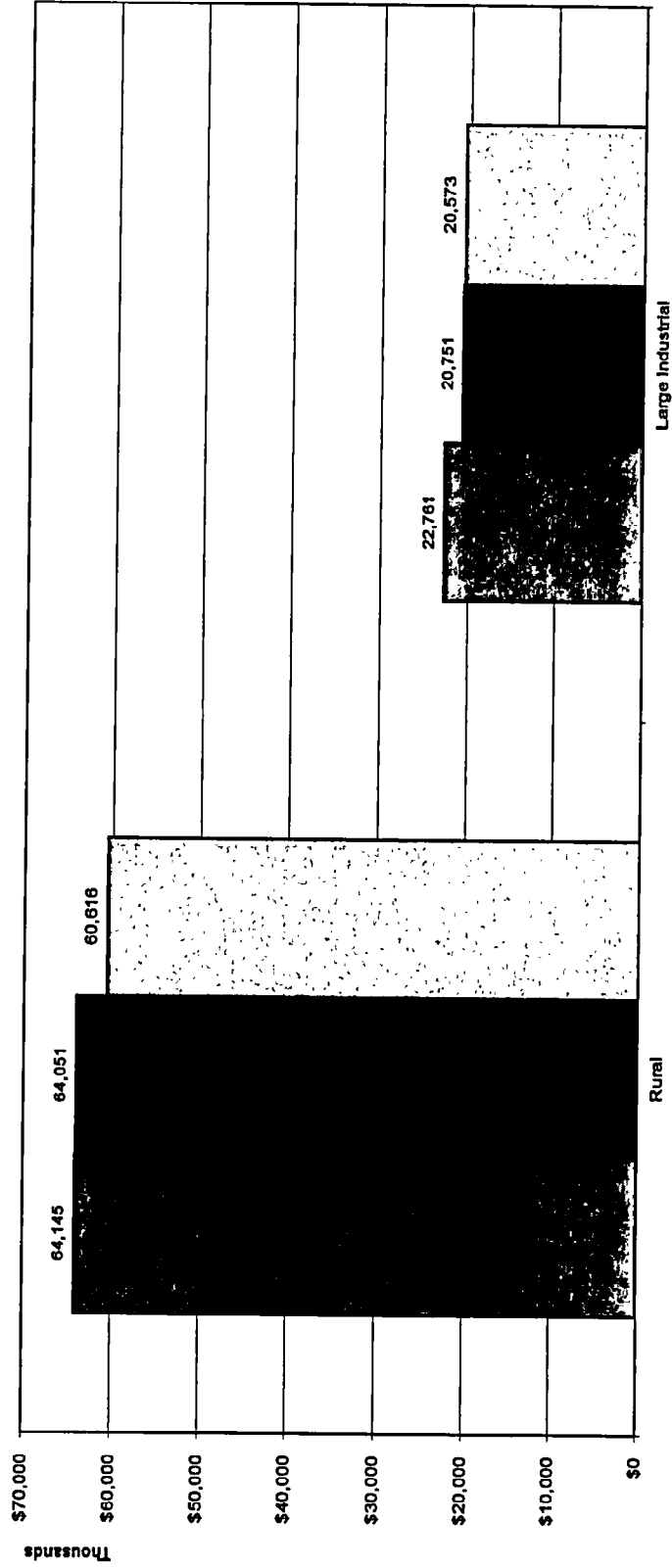
Favorable Budget
 Unfavorable Prior Year

Net Revenue Less MRSM - \$/MWh YTD -- July



Favorable Budget
 Unfavorable Prior Year

Net Revenue Less MRSM YTD - July



Favorable Budget
 Unfavorable Prior Year

Big Rivers Other Operating Revenue and Income

ELECTRIC CORPORATION

Your Touchless Energy Cooperative 

		Variance		2012		Variance	
<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>		<u>Actual</u>	<u>Fav/(Unfav)</u>		
2,452	2,159	293		2,975	(523)		

July YTD

Other Operating Revenue and Income is favorable to budget due to higher transmission revenue, while the unfavorable variance to prior year is due to higher transmission revenue in 2012.

**Non-Variable Production and
Other Power Supply – Operations**

		Variance		
Actual	Budget	Fav/(Unfav)	2012	Variance
39,064	42,478	3,414	Actual	Fav/(Unfav)
			38,442	(622)

July YTD

Current Year Variances

Power Supply transmission reservation

Labor

Station-Two Plant O&M

Plant Operations expense non-labor (WL, GN, CL)

Other (Depreciation, Property Taxes/Insurance)

Non-Variable Production and Other Power Supply - Operations

	<u>Fav/(UnFav)</u>
	468
	(198)
	855
	2,303
	(14)
	<u>3,414</u>

Prior-Year Variances

Station-Two expenses

Plant Operations expense non-labor (WL, GN, CL)

Other (Depreciation, Property Taxes/Insurance)

Non-Variable Production and Other Power Supply - Operations

	<u>Fav/(UnFav)</u>
	(492)
	(139)
	9
	<u>(622)</u>



Operation Expense – Transmission

	<u>Actual</u>	<u>Budget</u>	<u>Variance</u> Fav/(Unfav)
2012			
Actual	5,932		
Variance		(1,238)	(726)

July YTD

The unfavorable variance compared to budget and prior-year is driven by \$948k in MISO transmission expenses (MISO Transmission Expansion Projects and Multi-value Projects). A portion of these expenses is budgeted in Other Power Supply.



Consumer Service & Informational Expense

<u>Actual</u>	<u>Budget</u>	<u>Variance</u>
439	858	419

July YTD

Favorability as compared to budget is driven by timing of Demand Side Management expenses.



Operation Expense – Administrative & General

	<u>Actual</u>	<u>Budget</u>	<u>Variance</u>	
			<u>Fav/(Unfav)</u>	<u>Variance</u>
				<u>Fav/(Unfav)</u>
July YTD	14,647	17,160	2,513	1,150
				15,797

The favorable variance compared to budget is driven by timing of the PSC annual assessment, favorability in Information Systems mainly due to contract expenses included in the capitalization of the Oracle Database Upgrade project, as well as favorability in Energy Services, primarily due to deferral of IRP expenses. The favorable variance compared to prior year is mostly driven by the timing of the PSC annual assessment.



Maintenance Expense – Production

		2012		Variance
<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Fav/(Unfav)</u>	<u>Fav/(Unfav)</u>
21,592	26,985	23,776	5,393	2,184

July YTD

The favorable variance compared to budget is largely due to timing of the Coleman outage, as well as timing of maintenance expenses at Green and Wilson, while the prior-year favorable variance is driven by 2012 outage expenses at Wilson.



Maintenance Expense – Transmission

		Variance		2012		Variance	
Actual	Budget	Fav/(Unfav)		Actual	Fav/(Unfav)		
2,467	3,058	591		2,784	317		

July YTD

The favorable variance to budget and prior year is driven by timing of right-of-way maintenance at ET&S.

Other Deductions

		2012	
<u>Actual</u>	<u>Budget</u>	<u>Actual</u>	<u>Variance Fav/(Unfav)</u>
999	332	138	(861)

July YTD

The unfavorable variance as compared to budget and prior-year is due to a write-off associated with 1983 Pollution Control bonds refunding costs, as well as a write-off of unamortized deferred debt expense associated with the 2012 CoBank Revolver.

Other Capital Credits & Pat Dividends

	<u>Actual</u>	<u>Budget</u>	<u>Variance</u> Fav/(Unfav)	<u>2012</u> <u>Actual</u>	<u>Variance</u> Fav/(Unfav)
July YTD	783	1,263	(480)	45	738

The unfavorable variance compared to budget is driven by timing of patronage capital associated with the CFC loan, now expected in September. The favorable variance compared to prior-year is due to patronage capital associated with the July 2012 refinancing.

Interest Income

	2012	Variance
<u>Actual</u>	<u>Actual</u>	<u>Fav/(Unfav)</u>
July YTD	37	1,106

Interest income was favorable compared to prior-year due to interest on CFC capital term certificates.



North Star – YTD July

	2013		2012		
	Actual	Budget	Fav/(UnFav) Variance	Actual	Fav/(UnFav) Variance
Total Cost of Electric Service	338,113	338,466	353	323,047	(15,066)
Other Operating Revenues & Income	(2,452)	(2,159)	293	(2,975)	(523)
Smelter Avoidable Base Charge	0	0	0	(234)	(234)
Off-System Sales/Other	(39,952)	(20,736)	19,216	(21,182)	18,770
Interest Income	(1,143)	(1,185)	(42)	(37)	1,106
Other Non-Operating Income	0	0	0	0	0
Other Capital Credits & Pat. Dividends	(783)	(1,263)	(480)	(45)	738
	293,783	313,123	19,340	298,574	4,791

Total Cost of Electric Service
 Other Operating Revenues & Income
 Smelter Avoidable Base Charge
 Off-System Sales/Other
 Interest Income
 Other Non-Operating Income
 Other Capital Credits & Pat. Dividends

Member MWh	6,287,056	6,248,121	38,935	6,275,543	11,513
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North Star - \$/kWh	0.046728	0.050115	0.003387	0.047577	0.000849
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TIER

	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>
Interest on Long-Term Debt	25,687	26,744	1,057
Net Margins	17,170	504	16,666
TIER - YTD July	1.67	1.02	0.65
TIER (12 months ending 7/31)	1.54	1.23	0.31

Notes:

TIER = (Net Margins + Interest on Long-Term Debt) divided by Interest on Long-Term Debt



Capital Expenditures*

	Actual	Year-to-Date Budget	Fav/(UnFav)
IS	951	2,015	1,064
Generation	12,326	26,632	14,306
Transmission	2,526	4,969	2,443
Other	75	1,794	1,719
ECP	0	4,425	4,425
Total	15,878	39,835	23,957

Explanation:

IS was favorable \$1,064 primarily due to timing of the Corporate Analytics, the Hyperion upgrade, the Oracle R12 Upgrade and the Members' Replacement of Hardware/Software projects.

Generation was favorable by \$14,306. Coleman Station was favorable \$6,583 largely due to timing of scheduled outage projects. Station-Two was favorable \$3,809 largely due to permanent favorability in the Bumer Replacement, Turbine DCS Control, Barge Unloader Bucket, Bypass Stack Damper, Coal Pile Pumps project, Other Miscellaneous projects, and timing variances relating to the H2 outage projects. Green Station was favorable \$3,660 primarily due to cancellation of various projects including: Gaitronic Phone System, Reclaim Feeder project, Office Building Hot Water Heater, timing of Heater Exchangers, Caustic Pumping System and Jordan Drives projects. Wilson Station was favorable \$254 largely due to timing of the No. 1 Boiler Feed Pump, Landfill Drainage Control and Sewage Treatment Liner projects.

Transmission was favorable \$2,443 primarily due to timing of White Oak-50 MVA Substation, Hancock Co. and Buttermilk Falls project.

Other was favorable \$1,719 largely due to timing of vehicle projects, the deferral of the PCI Software projects, timing of CHN Analyzer and the Reid Gas conversion project.

ECP was favorable \$4,425 due to the timing of the MATS project.

* Gross of the City's share of Station Two. Includes capitalized interest.

Cash & Temporary Investments

July 31st	2012		
	<u>Actual</u>	<u>Budget</u>	<u>Fav/(Unfav)</u>
	<u>72,008</u>	<u>100,204</u>	<u>(28,196)</u>
		<u>105,762</u>	<u>(33,754)</u>

The July 31, 2013 cash balance compared to budget is unfavorable due to paying off the 1983 pollution control bonds, partially offset by beginning balance favorability of \$8.8m, and by changes in working capital.

The unfavorable variance to prior-year is driven by paying off the 1983 pollution control bonds, partially offset by changes in working capital.

Lines of Credit	
<u>As of July 31st</u>	
Original Amount	\$ 50,000
Letters of Credit Outstanding	(8,625)
Advances Outstanding	0
Available Lines of Credit	<u>\$ 41,375</u>

BIG RIVERS ELECTRIC CORPORATION
APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199

Fourth Updated Response to
Commission Staff's Initial Request for Information
dated June 10, 2013

July 12, 2013

First Update July 24, 2013

Second Update August 21, 2013

Third Update September 20, 2013

Fourth Update October 22, 2013

1 **Item 43)** *As the historical data becomes available, provide detailed*
2 *monthly income statements for each forecasted month of the base period,*
3 *including the month in which the Commission hears this case.*

4

5 **Response)** Big Rivers' detailed monthly income statement for the month ended
6 September 30, 2013 (the sixth forecasted month of the base period) is attached
7 hereto. Big Rivers will provide detailed monthly income statements for each
8 month up to and including the month in which the Commission hears this case, as
9 the historical data becomes available.

10

11

12 **Witness)** Billie J. Richert

13

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL UTILITIES SERVICE
FINANCIAL AND OPERATING REPORT
ELECTRIC POWER SUPPLY
PART A - FINANCIAL

BORROWER DESIGNATION
KY0062

PERIOD ENDED
Sep-13

INSTRUCTIONS - See help in the online application.

SECTION A. STATEMENT OF OPERATIONS

ITEM	YEAR-TO-DATE			THIS MONTH (d)
	LAST YEAR (a)	THIS YEAR (b)	BUDGET (c)	
1. Electric Energy Revenues	419,182,737.04	441,634,081.00	422,544,684.00	41,347,206.68
2. Income From Leased Property (Net)	0.00	0.00	0.00	0.00
3. Other Operating Revenue and Income	3,858,977.27	4,517,570.49	2,773,503.00	990,708.02
4. Total Operation Revenues & Patronage Capital (1 thru 3)	423,041,714.31	446,151,651.49	425,318,187.00	42,337,914.70
5. Operating Expense - Production - Excluding Fuel	36,392,454.24	37,193,913.26	40,593,610.00	3,340,404.47
6. Operating Expense - Production - Fuel	165,833,411.78	172,367,279.23	182,514,874.00	13,043,759.67
7. Operating Expense - Other Power Supply	84,280,777.08	88,456,669.85	67,036,898.00	8,980,390.12
8. Operating Expense - Transmission	7,363,167.53	8,269,146.83	6,903,745.00	779,640.30
9. Operating Expense - RTO/ISO	1,662,990.30	1,824,015.64	1,660,862.00	149,252.72
10. Operating Expense - Distribution	0.00	0.00	0.00	0.00
11. Operating Expense - Customer Accounts	0.00	209,047.62	0.00	77,362.88
12. Operating Expense - Customer Service & Information	391,092.45	900,831.64	1,135,391.00	357,812.74
13. Operating Expense - Sales	102,014.94	101,522.69	105,369.00	72,085.19
14. Operating Expense - Administrative & General	20,377,862.93	19,605,406.40	21,660,855.00	2,357,298.07
15. Total Operation Expense (5 thru 14)	316,403,771.25	328,927,833.16	321,611,604.00	29,158,006.16
16. Maintenance Expense - Production	30,872,277.89	26,822,376.48	33,437,337.00	2,264,791.96
17. Maintenance Expense - Transmission	3,735,560.70	3,344,025.45	3,888,634.00	402,737.63
18. Maintenance Expense - RTO/ISO	0.00	0.00	0.00	0.00
19. Maintenance Expense - Distribution	0.00	0.00	0.00	0.00
20. Maintenance Expense - General Plant	128,155.81	190,778.85	161,192.00	19,388.18
21. Total Maintenance Expense (16 thru 20)	34,735,994.40	30,357,180.78	37,487,163.00	2,686,917.77
22. Depreciation and Amortization Expense	30,852,045.09	31,028,051.01	31,347,205.00	3,594,921.75
23. Taxes	4,060.88	2,430.92	885.00	<31.00>
24. Interest on Long-Term Debt	33,718,885.21	32,783,809.99	34,501,776.00	3,496,585.68
25. Interest Charged to Construction - Credit	<578,619.00>	<209,804.00>	<357,284.00>	<3,727.00>
26. Other Interest Expense	54,969.04	130.99	0.00	33.46
27. Asset Retirement Obligations	0.00	0.00	0.00	0.00
28. Other Deductions	186,948.13	1,070,735.64	418,375.00	23,446.74
29. Total Cost Of Electric Service (15 + 21 thru 28)	415,378,055.00	423,960,368.49	425,009,724.00	38,956,153.56
30. Operating Margins (4 less 29)	7,663,659.31	22,191,283.00	308,463.00	3,381,761.14
31. Interest Income	403,329.18	1,451,925.14	1,520,633.00	154,309.70
32. Allowance For Funds Used During Construction	0.00	0.00	0.00	0.00
33. Income (Loss) from Equity Investments	0.00	0.00	0.00	0.00
34. Other Non-operating Income (Net)	0.00	0.00	0.00	0.00
35. Generation & Transmission Capital Credits	0.00	0.00	0.00	0.00
36. Other Capital Credits and Patronage Dividends	58,674.04	2,041,282.33	1,271,325.00	1,257,952.05
37. Extraordinary Items	0.00	0.00	0.00	0.00
38. Net Patronage Capital Or Margins (30 thru 37)	8,125,662.53	25,684,490.47	3,100,421.00	4,794,022.89

RUS Financial and Operating Report Electric Power Supply Part A - Financial

Revision Date 2010

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199**

***Fourth Updated* Response to
Commission Staff's Initial Request for Information
dated June 10, 2013**

July 12, 2013

***First Update* July 24, 2013**

***Second Update* August 21, 2013**

***Third Update* September 23, 2013**

***Fourth Update* October 22, 2013**

1 **Item 54) Provide the following information concerning the costs for the**
2 **preparation of this case:**

3
4 **a. A detailed schedule of expenses incurred to date for the**
5 **following categories:**

6 **(1) Accounting;**

7 **(2) Engineering;**

8 **(3) Legal;**

9 **(4) Consultants; and**

10 **(5) Other Expenses (Identify separately).**

11 **For each category, the schedule should include the date of**
12 **each transaction; check number or other document**
13 **reference; the vendor, the hours worked; the rates per hour;**
14 **amount, a description of the services performed; and the**
15 **account number in which the expenditure was recorded.**

16 **Provide copies of contracts or other documentation that**
17 **support charges incurred in the preparation of this case.**

18 **Identify any costs incurred for this case that occurred**
19 **during the base period.**

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199**

***Fourth Updated* Response to
Commission Staff's Initial Request for Information
dated June 10, 2013**

July 12, 2013

***First Update* July 24, 2013**


***Second Update* August 21, 2013**

***Third Update* September 23, 2013**

***Fourth Update* October 22, 2013**

1 Witness) DeAnna M. Speed

2



CATALYST
CONSULTING LLC

3308 Haddon Road
Louisville, KY 40241
(502) 599-1739
johnwolfram@insightbb.com

INVOICE

Date: October 3, 2013	Invoice #: 164
Client: Big Rivers Electric Corporation 201 Third Street Henderson, Kentucky 42420	Project: 2013 Rate Case (2) - Alcan Case No. 2013-00199 For Services Provided in September 2013

#	Item	Description	Qty	Rate	Amt
1	Consulting Services	John Wolfram – consulting support for Alcan rate case. Review data requests. Draft and review responses to data requests: PSC-3, AG-2, KIUC-2, SC-2.	84.0 hours	\$175.00	\$ 14,700.00
2	Consulting Services	Irv Hurst – consulting support for Alcan rate case. Review data requests. Draft and review responses to data requests. PSC-3, AG-2, KIUC-2, SC-2.	66.5 hours	\$150.00	\$ 9,975.00
3	Expenses	See attachment			\$ 1,362.92
TOTAL					\$ 26,037.92

Please remit payment to Catalyst Consulting LLC at the address listed above. Thank you.

RECEIVED
12/11/13
adw

BRBALSHT
18665000
0314
0999



CATALYST
CONSULTING LLC

3308 Haddon Road
 Louisville, KY 40241
 (502) 599-1739
 johnwolfram@insightbb.com

EXPENSE DETAIL

JOHN WOLFRAM

IRV H. HURST

**Big Rivers Electric Corporation
 2013 Rate Case (2) – Alcan
 Case No. 2013-00199**

September 2013

	Item	Description	Qty	Rate	Amt
1	Meals	9/22 Dinner - JW, IHH	1	27.77	\$ 27.77
2	Meals	9/24 Dinner - JW, IHH	1	70.32	\$ 70.32
3	Lodging	9/21-26 Hampton Inn - JW, IHH	2	512.35	\$ 1,024.70
4	Mileage	9/21-26 Driving to BR, to/from hotel, to home *	425	0.565	\$ 240.13
		TOTAL			\$ 1,362.92

* Wolfram and Hurst car-pooled for entire trip

DINSMORE & SHOHL LLP

Charleston WV Cincinnati OH Columbus OH Dayton OH Frankfort KY Lexington KY
Louisville KY Morgantown WV Philadelphia PA Pittsburgh PA Washington DC Wheeling WV

Federal I.D.: 31-0263070

Big Rivers Electric Corporation
201 Third Street
P.O. Box 24
Henderson KY 42419-0024

October 8, 2013
Invoice # 3102714

Billing Attorney - Edward Tip Depp

Client Number - 75569.4
Matter: In the Matter of The Application of Big Rivers
Electric Corporation for a General Adjustment in Rates,
Kentucky PSC Case No. 2013-00199 (Alcan Rate Case)

Remittance Advice

For Professional Services Rendered Through September 30, 2013:

Current Fee for Hours Worked	\$ 100,762.50
Attorney Costs	\$ 4,747.72
	<hr/>
Total Due for Professional Services	\$ 105,510.22
	<hr/>

Payment Due on Receipt

Please Return a Copy of this Remittance Advice with your Payment to:

Dinsmore and Shohl LLP
P.O. Box 640635
Cincinnati, Ohio 45264-0635

or

We accept Visa, Mastercard, American Express and Discover
Please call (513) 977-8131 to initiate credit card payment.



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18665000
0314
0999

Dinsmore & Shohl LLP
Client Number - 75569.4

October 8, 2013
Invoice # 3102714

Matter: In the Matter of The Application of Big Rivers Electric Corporation for a General Adjustment in Rates, Kentucky PSC Case No. 2013-00199 (Alcan Rate Case)

Summary of Current Hours Worked

<u>Timekeeper</u>	<u>Staff Level</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Edward Tip Depp	Partner	125.30	300.00	\$ 37,590.00
Joseph A Newberg	Associate	103.50	205.00	\$ 21,217.50
Kurt R Hunt	Associate	98.50	250.00	\$ 24,625.00
Brenda C Thacker	Paralegal	32.30	190.00	\$ 6,137.00
Kerry Ingle	Paralegal	57.40	195.00	\$ 11,193.00
				<hr/>
	Total Hours / Fees	417.00		\$ 100,762.50

Summary of Current Attorney Costs Incurred

Business Meals	\$ 5.97
Photocopies	\$ 6.30
Federal Express	\$ 988.97
Hotel Expense	\$ 3,015.36
Travel Mileage	\$ 731.12
Total Attorney Costs	\$4,747.72

Current Amount Due This Invoice \$105,510.22

Matter: In the Matter of The Application of Big Rivers Electric Corporation for a General Adjustment in Rates, Kentucky PSC Case No. 2013-00199 (Alean Rate Case)

Detail of Current Hours Worked

<u>Date</u>	<u>Tkpr</u>	<u>Description</u>	<u>Rate</u>	<u>Hours</u>	<u>Amount</u>
09/03/13	ETD	Case No. 2013-00199: Review and respond to emails with Ms. Speed regarding responses to Data Requests; review and respond to emails with Mr. Kamuf regarding the Attorney General's emails regarding Big Rivers' responses to data requests.	300.00	0.80	240.00
09/04/13	ETD	Case No. 2013-00199: Review and respond to emails with Mr. Kamuf regarding discovery-related issues; work on same with Mr. Hunt; research regarding same.	300.00	2.60	780.00
09/04/13	KRH	2013-0199: Work on discovery-related issue, communications with team re: same.	250.00	0.40	100.00
09/05/13	KRH	2013-0199: Work on discovery-related issue, conducted related research, communications with T. Depp re: same; conducted additional legal research re: discovery issues.	250.00	1.90	475.00
09/06/13	ETD	Case No. 2013-00199: Review and respond to emails with Ms. Richert regarding data request responses; work regarding same.	300.00	1.10	330.00
09/06/13	KRH	2013-0199: Drafted, revised discovery-related issue, conducted related research, communications with T. Depp re: same.	250.00	1.70	425.00
09/09/13	ETD	Case No.: 2013-00199: Prepare for next round of data requests; emails with client regarding same.	300.00	2.80	840.00
09/09/13	KRH	2013-0199: Prepared for data request responses.	250.00	0.30	75.00
09/10/13	ETD	Case No. 2013-00199: Review and respond to emails with Ms. Speed regarding discovery response tracking documents; work regarding same; review KIUC response to motion for confidential treatment; conference with Mr. Newberg and teleconference with Mr. Kamuf regarding work on reply to same; research regarding same.	300.00	1.30	390.00
09/10/13	KRH	2013-0199: Prepared for second round of data requests; analyzed KIUC response to petition for confidential treatment; communications with team regarding same.	250.00	0.30	75.00
09/11/13	ETD	Case No. 2013-00199: Review and respond to emails with client regarding discovery response inquiries from Attorney General; review and revise reply in support of petition for confidential treatment; prepare for next round of data requests; conference with Mr. Newberg	300.00	3.00	900.00

Dinsmore & Shohl LLP
Client Number - 75569.4

October 8, 2013
Invoice # 3102714

Matter: In the Matter of The Application of Big Rivers Electric Corporation for a General Adjustment in Rates, Kentucky PSC Case No. 2013-00199 (Alcan Rate Case)

		regarding petition for confidential treatment of supplemental data requests responses.			
09/11/13	JAN	Prepared supplemental response to AG's Initial Data Requests in Alcan Rate Case, 2013-00199.	205.00	1.40	287.00
09/11/13	KRH	2013-0199: Prepared for data request responses; analyzed KIUC motion regarding confidentiality, communications with team regarding same, response.	250.00	0.60	150.00
09/12/13	ETD	Case No.: 2013-00199: Review draft supplemental data request response for Attorney General; conference with Mr. Newberg regarding confidentiality of same; review and revise petition for confidential treatment.	300.00	2.60	780.00
09/12/13	KI	Case No. 2013-00199 - Prepare responses to second round of data requests; telephone conference with Kurt Hunt regarding the same; conference with Joe Newberg regarding the same.	195.00	3.70	721.50
09/12/13	JAN	Prepared supplemental response to AG's Initial Data Requests in Alcan Rate Case, 2013-00199.	205.00	1.20	246.00
09/12/13	KRH	2013-0199: Prepared for data request responses.	250.00	0.10	25.00
09/13/13	ETD	Case No. 2013-00199: Review KIUC motion for public disclosure; conference with Mr. Newberg regarding preparation of draft response to same; conferences with Mr. Ingle and Mr. Newberg regarding preparations for data request responses.	300.00	0.70	210.00
09/13/13	JAN	Reviewed new filing in Alcan Rate Case, 2013-00199.	205.00	0.40	82.00
09/13/13	KRH	2013-0199: Prepared for next round of data requests; analyzed KIUC motion regarding confidentiality, communications with team regarding same.	250.00	0.40	100.00
09/16/13	ETD	Case No. 2013-00199: Review data requests from intervenors and Public Service Commission staff; prepare for data request assignment call; work on data request tracker.	300.00	4.70	1,410.00
09/16/13	JAN	Prepared Response in Alcan Rate Case, 2013-00199.	205.00	3.30	676.50
09/16/13	KRH	2013-0199: Reviewed data requests, prepared for data request responses; communications with team regarding same.	250.00	2.60	650.00
09/17/13	ETD	Case No. 2013-00199: Prepare for and participate in conference call regarding data requests and responses to same; work regarding same; work on response to KIUC motion for public disclosure.	300.00	8.30	2,490.00
09/17/13	JAN	Prepared responses to intervenors' second round of data requests in Alcan Rate Case, 2013-	205.00	6.60	1,353.00

Dinsmore & Shohl LLP
Client Number - 75569.4

October 8, 2013
Invoice # 3102714

Matter: In the Matter of The Application of Big Rivers Electric Corporation for a General Adjustment in Rates, Kentucky PSC Case No. 2013-00199 (Alcan Rate Case)

		00199.		
09/17/13	KRH	2013-0199: Reviewed data requests, prepared for data request responses; communications with team regarding same; responded to data requests.	250.00	4.10 1,025.00
09/18/13	ETD	Case No. 2013-00199: Work on responses to data requests; work on response to KIUC motion for public disclosure.	300.00	6.90 2,070.00
09/18/13	KI	Case No. 2013-00199 - work on responses to the second round of discovery requests; telephone conference with K. Hunt regarding the same.	195.00	2.40 468.00
09/18/13	JAN	Prepared responses to intervenors' second round of data requests in Alcan Rate Case, 2013-00199.	205.00	6.90 1,414.50
09/18/13	BT	Case No. 2013-00199: Conference with counsel and staff in preparation for upcoming trip to Henderson for discovery responses.	190.00	0.50 95.00
09/18/13	KRH	2013-0199: Responded to data requests; communications with team regarding same.	250.00	3.80 950.00
09/19/13	ETD	Case No. 2013-00199: Work on responses to data requests; finalize and file/serve response to KIUC motion for public disclosure.	300.00	6.20 1,860.00
09/19/13	KI	Prepare response to data requests in Case No. 2013-00199.	195.00	6.10 1,189.50
09/19/13	JAN	Prepared responses to intervenors' second round of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199.	205.00	6.70 1,373.50
09/19/13	KRH	2013-0199: Responded to data requests; communications with team regarding same.	250.00	2.70 675.00
09/20/13	ETD	Case No. 2013-00199: Travel to Henderson, Kentucky; work on responses to data requests.	300.00	10.30 3,090.00
09/20/13	KI	Case No. 2013-00199 - Work on responses for second round of data requests.	195.00	2.50 487.50
09/20/13	JAN	Travel from Louisville, KY to Henderson, KY. Prepared responses to Intervenors' second sets of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199.	205.00	10.50 2,152.50
09/20/13	BT	Case No. 2013-00199: Traveled from Louisville to Henderson, KY. Planned and prepared documents with headers, footers, redactions and other review of materials as needed for production.	190.00	9.00 1,710.00
09/20/13	KRH	2013-0199: Responded to data requests; communications with team regarding same; travel to Henderson, Kentucky.	250.00	10.20 2,550.00
09/21/13	ETD	Case No. 2013-00199: Work on responses to data requests.	300.00	14.40 4,320.00
09/21/13	JAN	Prepared responses to Intervenors' second sets of data requests in Alcan Rate Case, P.S.C. Case	205.00	12.00 2,460.00

Matter: In the Matter of The Application of Big Rivers Electric Corporation for a General Adjustment in Rates, Kentucky PSC Case No. 2013-00199 (Alcan Rate Case)

		No. 2013-00199.		
09/21/13	BT	Case No. 2013-00199: Planned and prepared materials with counsel for upcoming production of discovery.	190.00	12.10 2,299.00
09/21/13	KRH	2013-0199: Responded to data requests; communications with team regarding same.	250.00	10.90 2,725.00
09/22/13	ETD	Case No. 2013-00199: Work on responses to data requests.	300.00	11.20 3,360.00
09/22/13	KI	Prepare response to data requests in Case No. 2013-00199.	195.00	6.20 1,209.00
09/22/13	JAN	Prepared responses to Intervenor's second sets of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199.	205.00	11.50 2,357.50
09/22/13	BT	Case No. 2013-00199: Planned and prepared documents for upcoming document production. Traveled back from Henderson, KY to Louisville, KY	190.00	10.70 2,033.00
09/22/13	KRH	2013-0199: Responded to data requests; communications with team regarding same.	250.00	9.70 2,425.00
09/23/13	ETD	Case No. 2013:00199: Work on responses to data requests.	300.00	14.60 4,380.00
09/23/13	KI	Prepare response to data requests in Case No. 2013-00199.	195.00	14.50 2,827.50
09/23/13	JAN	Prepared response to Intervenor's second sets of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199.	205.00	14.00 2,870.00
09/23/13	KRH	2013-0199: Responded to data requests, communications with team regarding same.	250.00	13.80 3,450.00
09/24/13	ETD	Case No. 2013-00199: Work on responses to data requests.	300.00	12.80 3,840.00
09/24/13	KI	Prepare response to data requests in Case No. 2013-00199.	195.00	12.00 2,340.00
09/24/13	JAN	Prepared responses to Intervenor's second sets of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199.	205.00	9.50 1,947.50
09/24/13	KRH	2013-0199: Responded to data requests, communications with team regarding same.	250.00	11.50 2,875.00
09/25/13	ETD	Case No. 2013-00199: Work on responses to data requests.	300.00	14.00 4,200.00
09/25/13	KI	Prepare response to data requests in Case No. 2013-00199.	195.00	10.00 1,950.00
09/25/13	JAN	Prepared responses to intervenor's second sets of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199.	205.00	12.70 2,603.50
09/25/13	KRH	2013-0199: Responded to data requests, communications with team regarding same.	250.00	9.60 2,400.00
09/26/13	ETD	Case No. 2013-00199: Work on responses to data requests; travel back from Henderson, Kentucky.	300.00	7.00 2,100.00

Dinsmore & Shohl LLP
Client Number - 75569.4

October 8, 2013
Invoice # 3102714

Matter: In the Matter of The Application of Big Rivers Electric Corporation for a General Adjustment in Rates, Kentucky PSC Case No. 2013-00199 (Alcan Rate Case)

09/26/13	JAN	Prepared responses to Intervenor's second sets of data requests in Alcan Rate Case, P.S.C. Case No. 2013-00199. Traveled from Henderson, KY to Louisville, KY.	205.00	6.80	1,394.00
09/26/13	KRH	2013-0199: Responded to data requests, communications with team re: same; travel from Henderson to Cincinnati.	250.00	13.90	3,475.00

Total Hours 417.00

Big Rivers Electric Corp.
Attn: Billie Richert
VP Accounting, Rates & CFO
P. O. Box 24
Henderson, KY 42419-002

Invoice # 119,678
Our file # 17356 00504
Billing through 09/30/2013

Rate Case 2013 - 2013-00199

BALANCE SUMMARY

Balance Forward As Of Last Invoice	\$48,184.50
Payments Applied Since Last Invoice	-\$48,184.50
Total current charges	\$36,829.50
BALANCE DUE	<u>\$36,829.50</u>

+ 1,672.00 credit was adjusted
38,501.50 on August updated
report

FOR PROFESSIONAL SERVICES RENDERED

09 01 2013	JMM	Credit for duplicate entry on 8/26/13. <i>Manually adjusted in August</i>	-7.60	220.00	-1,672.00 ✓
09 03 2013	JMM	Consider strategy meeting agenda; conference with Billie Richert; review, consideration of and vetting with team members strategies re issues raised by data requests; review proposed updates to data requests.	1.60	220.00	352.00
09 03 2013	TAK	Work re discovery issues in Case No. 2013-00199.	0.20	170.00	34.00
09 04 2013	JMM	Research re Issues raised by Intervenor data requests; review draft data request updates.	2.20	220.00	484.00
09 04 2013	TAK	Work re updating data request responses in Case No. 2013-00199.	2.30	170.00	391.00
09 05 2013	TAK	Work re updating data request responses in Case No. 2013-00199.	1.80	170.00	306.00
09 06 2013	TAK	Call with John Wolfram regarding Case No. 2013-00199.	0.50	170.00	85.00
09 09 2013	TAK	Call with DeAnna Speed regarding Case No. 2013-00199; email correspondence and work regarding discovery Issues	0.60	170.00	102.00
09 10 2013	JMM	Review various messages and pleading received; research legal issue.	0.90	220.00	198.00
09 11 2013	JMM	Review, research for and comment on KIUC reply to motion for confidential treatment and draft response to same; conferences with Kamuf.	1.20	220.00	264.00
09 11 2013	TAK	Conference with Jim Miller regarding Case No. 2013-00199; phone call with DeAnna Speed; work on reply to KIUC response in opposition to confidentiality petitions; work on data request updates.	8.50	170.00	1,445.00

09 12 2013	JMM	Attention to issues re supplemental data request responses.	0.60	220.00	132.00
09 12 2013	TAK	Work on data request updates in Case No. 2013-00199; phone call with Larry Cook.	3.60	170.00	612.00
09 13 2013	JMM	Attention to KIUC motion opposing confidential treatment.	0.50	220.00	110.00
09 13 2013	TAK	Prepare list of items for Tom Davis regarding Case No. 2013-00199; research; review and work on draft response to KIUC motion for public disclosure.	6.80	170.00	1,156.00
09 16 2013	JMM	Conference with Wolfram; review data requests received.	1.60	220.00	352.00
09 16 2013	TAK	Review and work on data requests in Case No. 2013-00199; phone calls with DeAnna Speed, Larry Cook.	8.40	170.00	1,428.00
09 17 2013	JMM	Attention to data requests and research for responses; attend meeting re same in Henderson.	5.70	220.00	1,254.00
09 17 2013	TAK	Review and work on data requests in Case No. 2013-00199; conference call to assign data requests; call with John Wolfram.	9.50	170.00	1,615.00
09 18 2013	JMM	Attention to data request responses; review and comment on reply to KIUC response to confidentiality petition.	7.30	220.00	1,606.00
09 18 2013	TAK	Work on data request responses in Case No. 2013-00199; calls with Larry Cook, John Wolfram, Duane Braunecker, DeAnna Speed.	10.10	170.00	1,717.00
09 19 2013	JMM	Attention to research for and drafting of inserts for data request responses.	3.40	220.00	748.00
09 19 2013	TAK	Work on data request responses and updates to data request responses in Case No. 2013-00199.	7.50	170.00	1,275.00
09 19 2013	TW	Review of rate case for testimony by D. Crockett.	1.40	75.00	105.00
09 20 2013	JMM	Attention to data requests; research; conferences with Wolfram and Lindsay Barron.	3.10	220.00	682.00
09 20 2013	TAK	Work on data request responses in Case No. 2013-199; drive to and from Big Rivers.	10.20	170.00	1,734.00
09 20 2013	TW	Research to identify and collection of data requested by Attorney General and other data requests.	0.70	75.00	52.50
09 21 2013	JMM	Attention to data requests and various inquiries re same; participate in conference call re same; conference with Wolfram.	1.70	220.00	374.00
09 21 2013	TAK	Work on data request responses in Case No. 2013-199; drive to and from Big Rivers.	15.20	170.00	2,584.00
09 22 2013	JMM	Attention to review of draft responses to data requests in Henderson.	6.50	220.00	1,430.00

Date	Initials	Description	Hours	Rate	Amount
09/22/2013	TAK	Work on data request responses in Case No. 2013-199 ; drive to and from Big Rivers. <i>2013-00199</i>	11.40	170.00	1,938.00
09/23/2013	JMM	Attention to research for, review of and advice regarding data request responses.	6.20	220.00	1,364.00
09/23/2013	TAK	Work on data request responses in Case No. 2013-00199; drive to and from Big Rivers.	15.50	170.00	2,635.00
09/24/2013	JMM	Attention to data request responses review at Big Rivers.	6.10	220.00	1,342.00
09/24/2013	TAK	Work on data request responses in Case No. 2013-00199; drive to and from Big Rivers.	11.60	170.00	1,972.00
09/25/2013	JMM	Attention to status of data request responses and review updates; strategy conferences and planning; review and comment on order.	1.20	220.00	264.00
09/25/2013	TAK	Work on data request responses in Case No. 2013-00199; drive to and from Big Rivers.	14.80	170.00	2,516.00
09/26/2013	JMM	Conference with Wolfram re tasks and planning; follow up on same; respond to inquiries from Roger Hickman; conferences re outstanding responses; research.	2.10	220.00	462.00
09/26/2013	TAK	Work on data request responses in Case No. 2013-00199; drive to and from Big Rivers.	7.80	170.00	1,326.00
09/27/2013	JMM	Review messages regarding legislative issue and attention to same.	0.40	220.00	88.00
09/27/2013	JMM	Review research and add to same; conference with Tyson Kamuf; review latest filings.	1.30	220.00	286.00
09/27/2013	TAK	Conference with James Miller regarding Case No. 2013-00199; work regarding witness substitution letter.	0.90	170.00	153.00
09/30/2013	JMM	Conference with Billie Richert; conference with Tyson Kamuf; conference with Albergotti; meeting in Henderson with Billie Richert, Mark Bailey and Bob Berry regarding strategy issues.	3.70	220.00	814.00
09/30/2013	TAK	Research for Case No. 2013-00199.	4.20	170.00	714.00

TIMEKEEPER SUMMARY

JMM	Miller, James	49.70	\$220.00	10,934.00
TAK	Kamuf, Tyson	151.40	\$170.00	25,738.00
TW	Wright, Trisha	2.10	\$75.00	157.50
Total fees for this matter		<u>203.20</u>		<u>36,829.50</u>

total hrs 210.80

BILLING SUMMARY

TOTAL PROFESSIONAL SERVICES	\$36,829.50
TOTAL OUT-OF-POCKET EXPENSES	\$0.00
TOTAL CURRENT CHARGES	\$36,829.50
TOTAL BALANCE DUE UPON RECEIPT	\$36,829.50

OUT OF POCKET EXPENSES

09 04 2013	CP	Cash paid to Prothonotary of Washington County, PA, for filing fee for subpoena. (FS) <i>Fuel Procurement</i>	107.50 ✓
09 04 2013	CP	Cash paid to Prothonotary of Washington County, PA, for issuance of Foreign subpoena. (FS) <i>Fuel Procurement</i>	3.00 ✓
09 04 2013	SHP	Overnite shipping charges to Phyllis Ranko-Matheny from Worth Mountjoy <i>Fuel Procurement</i>	12.32 ✓
09 05 2013	CP	Cash paid to Fulton County Superior Court Clerk for fee.	5.00
09 10 2013	CP	Cash paid to BroadData Conferencing for conference calls.	19.29
09 12 2013	SHP	Overnite shipping charges to Jeff Derouen from Tyson Kamuf	13.38
09 13 2013	SHP	Overnite shipping charges to Jeff Derouen from Tyson Kamuf	11.43
09 19 2013	SHP	Overnite shipping charges to Leo Owens, Esq. from Jim Miller	12.32
09 27 2013	CP	Cash paid for lunch in Henderson on 8/22/13. (Case No. 2013-00199) (TAK) <i>(Alcan)</i>	11.66 ✓
09 27 2013	CP	Cash paid for lodging in Lexington on 9/09/13 - 9/10/13. (Case No. 2012-00428) (TAK) <i>Smutzgrid</i>	241.80 ✓
09 27 2013	CP	Cash paid for lunch on 9/21/13 for Dinsmore x4, Hurst, Wolfram, Speed & Kamuf. (Case No. 2013-00199) (TAK) <i>Alcan</i>	85.00
09 27 2013	CP	Cash paid for lunch on 9/22/13 for Dinsmore x4, Wolfram, Hurst, Baronowsky & Kamuf. (Case No. 2013-00199) (TAK) <i>Alcan</i>	101.12
09 27 2013	MIL	Mileage to & from Henderson on 9/22/13. (Case No. 2013-00199) (TAK)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/23/13. (Case No. 2013-00199) (TAK)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/24/13. (Case No. 2013-00199) (TAK)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/25/13. (Case No. 2013-00199) (TAK)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/26/13. (Case No. 2013-00199) (TAK)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 8/15/13. (not included on August bill) (JMM)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/17/13. (Case No. 2013-00199) (JMM)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/19/13. (Case No. 2013-00199) (JMM)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/20/13. (Case No. 2013-00199) (JMM)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/22/13. (Case No. 2013-00199) (JMM)	37.29
09 27 2013	MIL	Mileage to & from Henderson on 9/24/13. (Case No. 2013-00199) (JMM) <i>Alcan</i>	37.29
09 27 2013	MIL	Mileage to & from Lexington on 9/20/13. (Case No. 2013-00199) (TAK) <i>Alcan</i>	37.29

09/27/2013	MIL	Mileage to & from Henderson on 9/21/13. (Case No. 2013-00199) (TAK) <i>alean</i>	37.29
09/27/2013	MIL	Mileage to & from Henderson on 8/30/13. (Case No. 2013-00199) (TAK) <i>alean</i>	37.29
09/27/2013	MIL	Mileage to & from Lexington on 9/09/13. (Case No. 2012-00428) (TAK) <i>Smartgrid</i>	203.40
09/27/2013	MIL	Mileage to Brandenburg - Meade County Clerk on 9/05/13. <i>BT13X005B</i>	90.40 /
09/28/2013	SHP	Overnite shipping charges to Jeff Derouen from Tyson Kamuf <i>ROW</i>	8.34
09/30/2013	CC	Photocopies Through Billing Date. - <i>Alean</i>	1,317.45
09/30/2013	COL	Color photocopies through billing date.	86.00
09/30/2013	CP	Cash paid to Walgreens for photofinishing.	4.86
09/30/2013	CP	Cash paid to Records Custodian for witness attendance fee.	5.00
09/30/2013	CP	Cash paid to Constable Tom Setzer for service fee on records custodian. <i>Fuels Procurement</i>	125.00 ✓
09/30/2013	CP	Cash paid to Meade County Court Clerk for copy of DB 104, Pg 533	2.00
09/30/2013	PO	Postage Expenses Through Billing Date.	148.55
09/30/2013	SHP	Overnite shipping charges to Sally Jump, Franklin Circuit Court, from Jim Miller.	8.67
09/30/2013	SHP	Overnite shipping charges to Constable Tom Setzer from Worth Mountjoy. <i>Fuels Procurement</i>	14.95 ✓

Total Disbursements: \$3,160.50

BILLING SUMMARY

TOTAL PROFESSIONAL SERVICES	\$0.00
TOTAL OUT-OF-POCKET EXPENSES	\$3,160.50
TOTAL CURRENT CHARGES	\$3,160.50
TOTAL BALANCE DUE UPON RECEIPT	<u>\$3,160.50</u>

<i>B. Berry</i>	<i>BRA00R2</i>	<i>923103-0000</i>	<i>0314</i>	<i>0022</i>	<i>* 262.77</i>	<i>Fuel procurement</i>
<i>B. Richt</i>	<i>BAAALSHT</i>	<i>18665000</i>	<i>0314</i>	<i>0999</i>	<i>2000.00</i>	<i>CASE # 2013-00199 (Alean)</i>
<i>B. Richt</i>	<i>BRA0011</i>	<i>928100-0000</i>	<i>0314</i>	<i>0011</i>	<i>445.20</i>	<i>Smartgrid</i>
<i>B. Richt</i>	<i>BRA0011</i>	<i>923100-0000</i>	<i>0314</i>	<i>0011</i>	<i>362.13</i>	<i>Misc.</i>
<i>B. Warren</i>	<i>BT13X005B</i>	<i>ROW</i>	<i>0314</i>	<i>0355</i>	<i>90.40</i>	
					<i>* <u>3160.50</u></i>	

BIG RIVERS
Invoice-September, 2013

<u>Date</u>	<u>Description</u>	<u>Time</u>	<u>Rate</u>	<u>Amount</u>
9/18/13	Work on data request	3		
9/20/13	Work on data request	4		
9/22/13	Work on data request	2		
Total Invoice		9	\$225.00	\$2,025.00

Please send payment to:

Daniel Walker
7106 University Drive
Richmond, Virginia 23229

thanks for the opportunity to do business with Big Rivers.

CN 2013-00199 (alcu)

BRBALSHT
18665000
0314
0999

Big Rivers Electric Corporation
Case No. 2013-00199
Fourth Monthly Update of Schedule of Rate Case Costs Incurred-To-Date

Line No.	Month Booked	Check Number	Vendor	Invoice Number	Amount	Account	Description	Base Period
1	September 2013	534392	Catalyst Consulting LLC	164	\$ 26,037.92	186	Consulting	Note 1
2	September 2013	534411	Dinsmore & Shohl LLP	3102714	105,510.22	186	Legal	Note 1
3	September 2013	534531	Sullivan, Mountjoy, Stainback & Miller	119,378	40,501.50	186	Legal	Note 1
4	September 2013	534405	Daniel M. Walker	Big Rivers-September Invoice	2,025.00	186	Consulting	Note 1
5			Total - September 2013		174,074.64			
6			Total To-Date August 2013		330,053.88			
7			Total To-Date September 2013		\$ 504,128.52			

Notes(s): Costs associated with this Rate Case are currently booked to a deferred debit account on the balance sheet pending approval from the KPSC to defer costs in a regulatory asset to be amortized over three years.

BIG RIVERS ELECTRIC CORPORATION

APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199

First Updated Response to
Commission Staff's Third Request for Information
dated September 16, 2013

September 30, 2013
First Update October 22, 2013

1 Item 3) *Refer to the response to Item 10 of Staff's Second Request.*

2

3 a. *Refer to the response to part a. Provide the reserve funds*
4 *balances as of August 31, 2013. Consider this a*
5 *continuing request to provide the updated balances of*
6 *each of the reserve funds on a monthly basis throughout*
7 *this proceeding.*

8 b. *Refer to the response to part b. The response states that*
9 *the offset for the Rural class would be \$23.76 per MWh.*
10 *Confirm that the offset for the Large Industrial class*
11 *would be \$15.80 per MWh. If this cannot be confirmed,*
12 *provide the amount and how it was calculated.*

13 c. *Refer to the attachment to the response to part c, page 2 of*
14 *3, the Wholesale columns. Explain why the "Rate After*
15 *Depletion" would not be the same under each of the three*
16 *scenarios shown.*

17

18 Response)

19 a. As of September 30, 2013, the balance of the Economic Reserve
20 is \$64,253,865.31 and the balance of the Rural Economic
21 Reserve is \$65,341,303.81. Big Rivers will provide monthly
22 updates throughout this proceeding.

BIG RIVERS ELECTRIC CORPORATION
APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR A GENERAL ADJUSTMENT IN RATES
CASE NO. 2013-00199

First Updated Response to
Commission Staff's Third Request for Information
dated September 16, 2013

September 30, 2013
First Update October 22, 2013

- 1 b. Big Rivers' prior response, filed on September 30, 2013, remains
2 unchanged.
3 c. Big Rivers' prior response, filed on September 30, 2013, remains
4 unchanged.

5
6
7
8

Witness) Billie J. Richert