

SULLIVAN, MOUNTJOY, STAINBACK & MILLER PSC
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Mary L. Moorhouse

April 23, 2012

Federal Express

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

RECEIVED

APR 23 2012

PUBLIC SERVICE
COMMISSION

RE: *In the Matter of: Application of Big Rivers Electric Corporation for Approval to Issue Evidences of Indebtedness, P.S.C. Case No. 2012-00119*

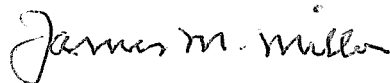
Dear Mr. DeRouen:

Enclosed for filing on behalf of Big Rivers Electric Corporation ("Big Rivers") are an original and ten copies of Big Rivers' responses to (i) the Commission Staff's First Information Request dated April 11, 2012, and (ii) Kentucky Industrial Utility Customers, Inc.'s First Set of Data Requests dated April 11, 2012 (The "KIUC Data Requests"). Also enclosed are an original and ten copies of a motion for deviation. A copy of this letter, a copy of Big Rivers' responses to the Commission Staff's First Request for Information and the KIUC First Data Requests, and a copy of the motion for a deviation have been served on each of the persons shown on the attached service list.

Big Rivers further encloses a petition seeking confidential treatment pursuant to 807 KAW 5:001, Section 7 for certain material filed in response to the KIUC Data Requests. I certify that a copy of the petition and the material, with only those portions for which confidential treatment is sought obscured, has been served on all parties.

Please contact me with any questions you may have about this filing.

Sincerely yours,



James M. Miller

JMM/ej
Enclosures

cc: Mark A. Hite
Albert Yockey

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SERVICE LIST
BIG RIVERS ELECTRIC CORPORATION
PSC CASE NO. 2012-00119

Michael L. Kurtz, Esq.
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Boehm, Kurtz & Lowry
36 East Seventh Street
Suite 1510
Cincinnati, OH 45202


**Counsel for Kentucky Industrial
Utility Customers, Inc.**

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

VERIFICATION

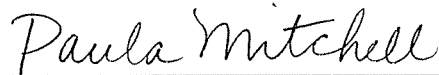
I, Mark A. Hite, verify, state, and affirm that I prepared or supervised the preparation of the data responses filed with this Verification, and that those data responses are true and accurate to the best of my knowledge, information, and belief formed after a reasonable inquiry.



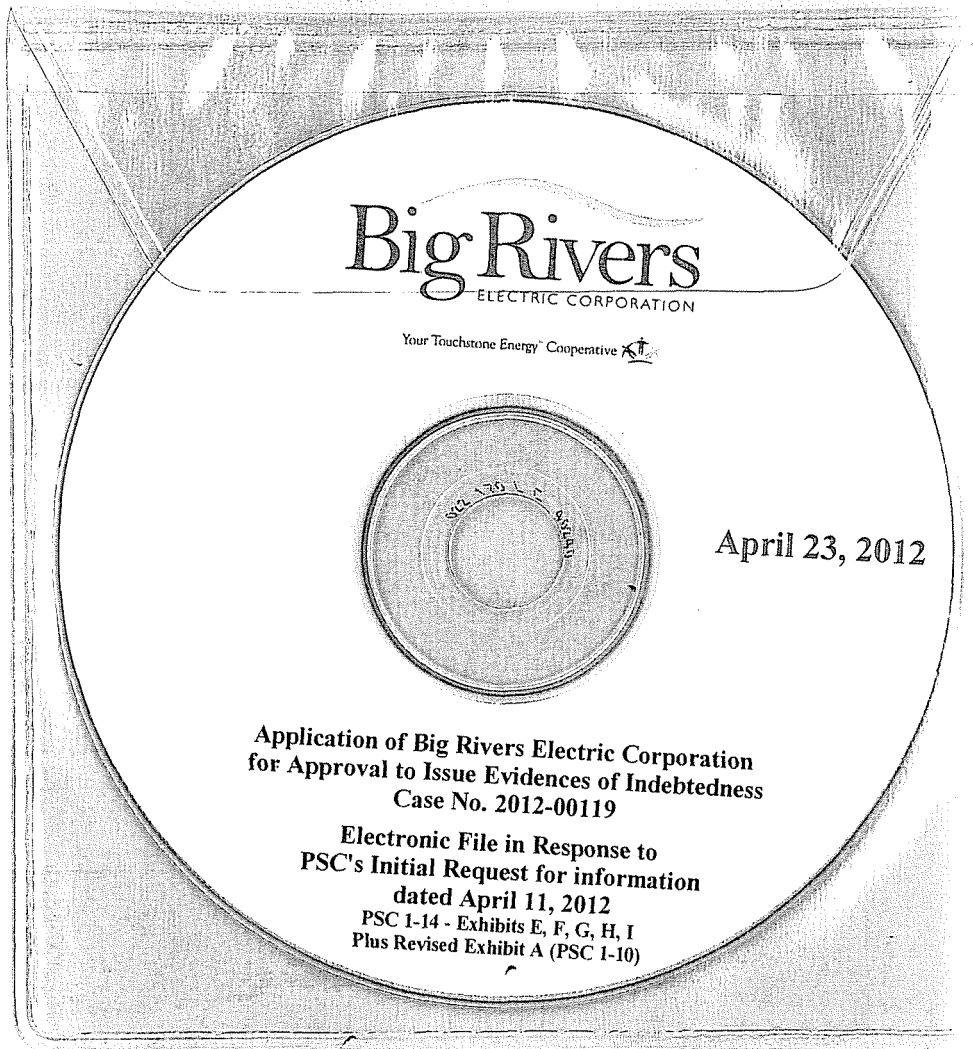
Mark A. Hite

COMMONWEALTH OF KENTUCKY)
COUNTY OF HENDERSON)

SUBSCRIBED AND SWORN TO before me by Mark A. Hite on this the 17th day of April, 2012.



Notary Public, Ky. State at Large
My Commission Expires 1-12-13



BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

Response to Commission Staff's Initial Request for Information dated April 11, 2012

April 23, 2012

Information filed on CD accompanying responses

PSC 1-14 - Exhibits E F G H and I plus Revised Exhibit A (PSC 1-10)	

ORIGINAL



Your Touchstone Energy® Cooperative 

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION OF KENTUCKY

In the Matter of:

APPLICATION OF BIG RIVERS ELECTRIC)	Case No.
CORPORATION FOR APPROVAL TO ISSUE)	
EVIDENCES OF INDEBTEDNESS)	

2012-00119

**Response to Commission Staff's
Initial Request for Information
dated April 11, 2012**

FILED: April 23, 2012

ORIGINAL

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 1)** *Refer to the application, page 5, paragraph 13 (ii), which states that “\$60*
2 *million will be used for capital expenditures, in the ordinary course of business.” Provide*
3 *Big Rivers’ three or five year capital expenditures forecast.*

4
5 **Response)** Please see the Capital Expenditures Budgets for 2012 through 2015 attached
6 hereto. These Capital Expenditures Budgets do not include capital projects associated with Big
7 Rivers’ 2012 environmental compliance plan, and Big Rivers does not plan to use any portion
8 of the \$60,000,000 as the permanent source of financing for the capital projects in the 2012
9 environmental compliance plan.

10

11

12 **Witness)** Mark A. Hite

13

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
ADMINISTRATIVE								
Unassigned	Env	Miscellaneous Air Monitoring Replacements			50,000			
Unassigned	Env	Replace Bomb Calorimeter			20,000			
Unassigned	Env	Replace AA Analyzer			85,000			
Unassigned	Env	Replace Environmental Boat			35,000			
Unassigned	0010	Black lateral files (\$1,200/ea) (pushed from 2011)						
Unassigned	0025	Office furniture for new employee #4	15,000			4,920		
Unassigned	0025	Office furniture for new employee #5	15,000					
Unassigned	0025	PCI P&L Analyzer and Bidding Analytics software						
Unassigned	0110	Microfilm Viewer/Scanner/Printer						361,000
Unassigned	0110	Scanning Desk - Katie Rickard				7,500		
Unassigned	0110	Scanner				5,000		
Unassigned	0150	Rpl Canvas Tarp for HV Trailer	800					
Unassigned	0150	Rescue Manikin						
Unassigned	0170	Publication Bldg (pushed from 2011)				1,500		
Unassigned	0170	Roof Top HVAC (HQ 2nd Floor) (pushed from 2011)						
Unassigned	0170	Asphalt for HQ Alley (pushed from 2011)						
Unassigned	0170	Copier (pushed from 2011)						50,000
Unassigned	0170	ENV - Rpl Environmental Truck (Tom Shaw)			45,000	16,000		
Unassigned	0170	RH - Rpl S9 - 1990 White/Gn Ford One-Ton		15,000				
Unassigned	0170	WL - Rpl 2 Vehicles (#639 - 1999 Chevy 1-ton and #441 - 1999 Ford F150)	30,000					
Unassigned	0170	TRAN - Rpl #315 Truck (4x4, 1/2 ton, ext cab)		33,000				
Unassigned	0170	TRAN - Rpl #300 - Extended Cab 4x4 Truck		31,000				
Unassigned	0170	TRAN - Rpl #305 - Extended Cab 1/2 ton 4x4 Truck		30,000				
Unassigned	0170	HR - Rpl #308 Pool Vehicles	22,000					
Unassigned	0170	HR - Rpl #292 Pool Vehicles						
Unassigned	0170	SAFETY - Rpl #303 Truck (pushed from 2011)			23,000			
Unassigned	0170	SAFETY - Rpl #304 Truck (pushed from 2011)				34,000		
Unassigned	0170	ENV - Rpl Environmental Blazer						
Unassigned	0170	ENV - Rpl Environmental Van		30,000				
Unassigned	0170	ENV - Rpl Environmental Jeep					30,000	
Unassigned	0170	ENV - Replace Truck (Shared Vehicle)						
Unassigned	0170	ENV - Truck				35,000		
Unassigned	0170	IT - Rpl '99 White Dodge Van			35,000			
Unassigned	0220	Black Vert & Lateral Files (\$1,200/ea) (pushed from 2011)				25,000		
Unassigned	Admin	Operator Training Simulator				8,550		
Total Administrative			324,000	139,000	293,000	137,470	30,000	486,000
			406,800	139,000	293,000	137,470	30,000	897,000

Case No. 2012-00119

Attachment for Response to PSC 1-1

Witness: Mark A. Hite

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
ADMINISTRATIVE									
Unassigned	Env	Miscellaneous Air Monitoring Replacements							50,000
Unassigned	Env	Replace Bomb Calorimeter							20,000
Unassigned	Env	Replace AA Analyzer							85,000
Unassigned	Env	Replace Environmental Boat							35,000
Unassigned	0010	Black lateral files (\$1,200/ea) (pushed from 2011)							4,920
Unassigned	0025	Office furniture for new employee #4							15,000
Unassigned	0025	Office furniture for new employee #5							15,000
Unassigned	0025	PCI P&L Analyzer and Bidding Analytics software							361,000
Unassigned	0110	Microfilm Viewer/Scanner/Printer							7,500
Unassigned	0110	Scanning Desk - Katie Rickard							5,000
Unassigned	0110	Scanner	8,500						8,500
Unassigned	0150	Rpl Canvas Tarp for HV Trailer							800
Unassigned	0150	Rescue Manikin							1,500
Unassigned	0170	Publication Bldg (pushed from 2011)	250,000						250,000
Unassigned	0170	Roof Top HVAC (HQ 2nd Floor) (pushed from 2011)	35,000						35,000
Unassigned	0170	Asphalt for HQ Alley (pushed from 2011)							50,000
Unassigned	0170	Copier (pushed from 2011)							16,000
Unassigned	0170	ENV - Rpl Environmental Truck (Tom Shaw)							45,000
Unassigned	0170	RH - Rpl S9 - 1990 White/Gn Ford One-Ton							15,000
Unassigned	0170	WL - Rpl 2 Vehicles (#639 - 1999 Chevy 1-ton and #441 - 1999 Ford F150)							30,000
Unassigned	0170	TRAN - Rpl #315 Truck (4x4, 1/2 ton, ext cab)							33,000
Unassigned	0170	TRAN - Rpl #300 - Extended Cab 4x4 Truck							31,000
Unassigned	0170	TRAN - Rpl #305 - Extended Cab 1/2 ton 4x4 Truck							30,000
Unassigned	0170	HR - Rpl #308 Pool Vehicles							22,000
Unassigned	0170	HR - Rpl #292 Pool Vehicles							23,000
Unassigned	0170	SAFETY - Rpl #303 Truck (pushed from 2011)							34,000
Unassigned	0170	SAFETY - Rpl #304 Truck (pushed from 2011)	40,000						40,000
Unassigned	0170	ENV - Rpl Environmental Blazer							30,000
Unassigned	0170	ENV - Rpl Environmental Van							30,000
Unassigned	0170	ENV - Rpl Environmental Jeep		26,000					26,000
Unassigned	0170	ENV - Replace Truck (Shared Vehicle)							35,000
Unassigned	0170	ENV - Truck							35,000
Unassigned	0170	IT - Rpl '99 White Dodge Van							25,000
Unassigned	0220	Black Vert & Lateral Files (\$1,200/ea) (pushed from 2011)							8,550
Unassigned	Admin	Operator Training Simulator							810,000
Total Administrative			333,500	26,000	0	0	0	0	2,262,770

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
IT								
Unassigned	300	Replace PC's, Laptops, Printers		65,000		50,000		
Unassigned	300	Replace - Data Centers Servers at HQ and DR Center		20,000		50,000		50,000
Unassigned	300	Oracle extensions -- eAM Scheduler	0	0	158,500	0	0	6,000
Unassigned	300	Replace 6-PIX servers firewall appliances			10,000			10,000
Unassigned	300	Replace Firewalls in CIP's/Electronic Parameter		10,000			10,000	
Unassigned	300	Replace BEST UPS at Headquarters				50,000		
Unassigned	300	Replace 4-C4006 Cisco network switches with 3750-X				20,000		
Unassigned	300	Replace 8-C3548 Cisco switches with 2960-S						35,000
Unassigned	300	XML Listener			30,000			25,000
Unassigned	300	PDS (test patches and development, CIP's)				30,000		
Unassigned	300	ACE's OpenView Lite - EMS view only webserver	25,000				25,000	
Unassigned	300	Replace OSI (EMS) hardware	302,500				62,500	
Unassigned	300	New OSI (EMS) Alarm event software	20,000				20,000	
Unassigned	300	New OSI (EMS) Database manager software	16,000				16,000	
Unassigned	300	Oracle extensions -- Oracle Business Intelligence OBI/EE		200,000			100,000	
Unassigned	302	Replace Coop/BREC hardware/software GIS			80,000			50,000
Unassigned	302	Replace Coop LaserFiche, Audiotel						
Unassigned	302	Software Tools						
Unassigned	302	Replace (2) iSeries (AS400) - Meade and web				60,000	10,000	
Total IT			363,500	295,000	278,500	260,000	243,500	176,000

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Attachment for Response to PSC 1-1

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
IT									
Unassigned	300	Replace PC's, Laptops, Printers	50,000		20,000	10,000			195,000
Unassigned	300	Replace - Data Centers Servers at HQ and DR Center		20,000		10,000			150,000
Unassigned	300	Oracle extensions -- eAM Scheduler	0	0	0	0	0	0	164,500
Unassigned	300	Replace 6-PIX servers firewall appliances			8,000				28,000
Unassigned	300	Replace Firewalls in CIP's/Electronic Parameter				5,000			25,000
Unassigned	300	Replace BEST UPS at Headquarters							50,000
Unassigned	300	Replace 4-C4006 Cisco network switches with 3750-X	25,000						45,000
Unassigned	300	Replace 8-C3548 Cisco switches with 2960-S							35,000
Unassigned	300	XML Listener							55,000
Unassigned	300	PDS (test patches and development, CIP's)	30,000						60,000
Unassigned	300	ACE's OpenView Lite - EMS view only webserver							50,000
Unassigned	300	Replace OSI (EMS) hardware							365,000
Unassigned	300	New OSI (EMS) Alarm event software							40,000
Unassigned	300	New OSI (EMS) Database manager software							32,000
Unassigned	300	Oracle extensions -- Oracle Business Intelligence OBI/EE		100,000		100,000			500,000
Unassigned	302	Replace Coop/BREC hardware/software GIS		30,000		25,500			185,500
Unassigned	302	Replace Coop LaserFiche, Audiotel	6,000						6,000
Unassigned	302	Software Tools							10,000
Unassigned	302	Replace (2) iSeries (AS400) - Meade and web				60,000			120,000
Total IT			111,000	150,000	28,000	210,500	0	0	2,116,000

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Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
TRANSMISSION								
BT11X011B	420	Replace (9) TC Blocking Carriers with GARD-8000	0	0	0	0	0	0
BT11X026B	420	Hancock County 69 kV Capacitor Bank	0	0	0	0	0	0
W0190000	420	C1 & C2 161 kV Teleprotection Replacement	0	0	1,343	1,343	4,064	0
W9010000	420	Wilson EHV - 161 kV Line Terminal for 19-F	16,000	16,000	16,000	16,000	16,000	16,000
W9190000	420	Wilson 161 kV Line 19-F	22,687	22,687	12,687	10,000	10,000	0
W9230000	420	Two-Way Radio	117,000	2,125,000	115,000	435,000	5,000	0
W9300000	420	White Oak - 50 MVA Substation	42,015	42,015	42,015	162,015	162,687	283,359
W9340000	420	Wilson EHV - 161-69 kV Substation Facilities	8,359	103,359	104,030	345,726	106,398	406,398
W9350000	420	Wilson 69 kV Line to Centertown	104,030	104,030	105,284	105,284	53,023	44,596
W9560000	420	7-B Tap to Paradise 161 kV Line Reconductor	2,453	4,092	8,242	8,333	528	528
W9650000	420	Paradise 161 kV Line Terminal Upgrade	6,632	63,860	130,497	131,955	6,644	6,644
2012 POLES	420	Pole Change Outs	58,134	58,134	56,424	58,134	58,134	58,134
BT12X001B	420	Martin Marietta T3	0	0	0	0	0	0
BT12X002B	420	Add Shelter for Compressed Gas Storage (Safety)	0	0	0	20,000	0	0
BT12X003B	420	70' Bucket Truck Replacement	0	0	0	0	0	0
BT12X004B	420	Caldwell County Install Emergency Generator	0	0	0	0	0	0
BT12X005B	420	Capital Tool Replacements	0	0	0	0	0	0
BT12X006B	420	Daviess EHV Install Emergency Generator	0	0	0	0	1,000	0
BT12X007B	420	Dry Air System for Treatment trailer	0	0	0	0	0	0
BT12X008B	420	Hoist, Rope and Grips Replacements	0	0	0	0	0	0
BT12X009B	420	Horse Fork Tap 69 kV Switch Modification	0	0	2,500	0	0	0
BT12X010B	420	Hydraulic Pump and Press Replacements	0	0	0	1,343	0	0
BT12X011B	420	Oil drum transfer pump	0	0	3,500	0	0	0
BT12X012B	420	On-line DGA Monitoring for HMPL GSU Transformers	0	0	1,696	0	700	0
BT12X013B	420	On-line DGA Monitoring for Coleman GSU Transformers	0	0	5,088	0	40,500	0
BT12X014B	420	Portable Generator Replacements	0	0	0	0	121,500	0
BT12X015B	420	Replace Disconnects at Coleman (10)	0	0	0	900	0	0
BT12X016B	420	Replace repair roof at Wilson Substation	0	0	0	39,314	39,314	14,314
BT12X017B	420	Replace Substation Battery and Charger #1	0	0	40,261	0	0	0
BT12X018B	420	Replace Substation Battery and Charger #2	0	0	0	0	0	49,654
BT12X019B	420	Replace Substation Security Fence	0	0	0	0	0	49,654
BT12X020B	420	Replacement A/C Units	0	0	0	0	26,273	0
BT12X021B	420	Small Enclosed trailer for safety equipment (Substation)	0	0	0	0	4,000	4,000
BT12X022B	420	Substation Gravel at National Aluminum	0	0	0	0	0	4,500
BT12X023B	420	Two (2) spare 161 kv CCVT's	0	0	22,523	0	0	0
BT12X024B	420	69 kV Line 5-F - Tradewater River Crossing	0	0	36,000	0	0	0
			0	0	0	0	0	0

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Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
TRANSMISSION									
BT11X011B	420	Replace (9) TC Blocking Carriers with GARD-8000	0	0	0	0	1,343	1,343	2,686
BT11X026B	420	Hancock County 69 kV Capacitor Bank	0	0	0	10,000	540,000	50,000	600,000
W0190000	420	C1 & C2 161 kV Teleprotection Replacement	0	0	4,736	1,343	100,672	62,015	175,516
W9010000	420	Wilson EHV - 161 kV Line Terminal for 19-F	16,000	16,000	16,000	16,000	16,000	16,000	192,000
W9190000	420	Wilson 161 kV Line 19-F	0	0	0	0	0	0	78,061
W9230000	420	Two-Way Radio	0	0	0	0	0	0	2,797,000
W9300000	420	White Oak - 50 MVA Substation	373,359	373,359	255,374	254,702	256,963	255,161	2,503,024
W9340000	420	Wilson EHV - 161-69 kV Substation Facilities	110,356	110,356	15,267	4,030	3,359	2,015	1,319,653
W9350000	420	Wilson 69 kV Line to Centertown	3,359	0	0	0	0	0	519,606
W9560000	420	7-B Tap to Paradise 161 kV Line Reconductor	300	300	300	300	300	300	25,978
W9650000	420	Paradise 161 kV Line Terminal Upgrade	2,992	2,992	2,992	2,992	2,992	2,992	364,182
2012 POLES	420	Pole Change Outs	58,134	58,134	58,134	36,312	0	0	557,808
BT12X001B	420	Martin Marietta T3	0	0	0	0	0	500,000	500,000
BT12X002B	420	Add Shelter for Compressed Gas Storage (Safety)	0	0	0	0	0	0	20,000
BT12X003B	420	70' Bucket Truck Replacement	0	0	0	300,000	0	0	300,000
BT12X004B	420	Caldwell County Install Emergency Generator	0	0	0	0	0	15,131	15,131
BT12X005B	420	Capital Tool Replacements	0	0	1,000	0	0	0	2,000
BT12X006B	420	Daviess EHV Install Emergency Generator	0	0	0	0	0	15,131	15,131
BT12X007B	420	Dry Air System for Treatment trailer	30,131	0	0	0	0	0	30,131
BT12X008B	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0	5,000
BT12X009B	420	Horse Fork Tap 69 kV Switch Modification	672	0	50,672	9,824	0	0	62,511
BT12X010B	420	Hydraulic Pump and Press Replacements	0	0	0	0	0	0	3,500
BT12X011B	420	Oil drum transfer pump	0	0	0	0	0	0	700
BT12X012B	420	On-line DGA Monitoring for HMPL GSU Transformers	0	0	0	0	0	0	42,196
BT12X013B	420	On-line DGA Monitoring for Coleman GSU Transformers	0	0	0	0	0	0	126,588
BT12X014B	420	Portable Generator Replacements	0	0	900	0	0	0	1,800
BT12X015B	420	Replace Disconnects at Coleman (10)	39,314	39,314	33,660	48,040	0	0	253,270
BT12X016B	420	Replace repair roof at Wilson Substation	0	0	0	0	0	0	40,261
BT12X017B	420	Replace Substation Battery and Charger #1	0	0	0	0	0	0	49,654
BT12X018B	420	Replace Substation Battery and Charger #2	0	0	0	0	0	0	49,654
BT12X019B	420	Replace Substation Security Fence	0	0	0	0	0	0	26,273
BT12X020B	420	Replacement A/C Units	4,000	4,000	0	0	0	0	16,000
BT12X021B	420	Small Enclosed trailer for safety equipment (Substation)	0	0	0	0	0	0	4,500
BT12X022B	420	Substation Gravel at National Aluminum	0	0	0	0	0	0	22,523
BT12X023B	420	Two (2) spare 161 kv CCVT's	0	0	0	0	0	0	36,000
BT12X024B	420	69 kV Line 5-F - Tradewater River Crossing	0	0	0	0	0	0	0

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Witness: Mark A. Hite

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
BT12X025B	420	Cumberland-Caldwell Springs Tap 69 kV Line	22,015	22,015	12,015	11,343	21,343	21,343
BT12X026B	420	Garrett-Flaherty 3 Mi 69 KV Line	3,359	2,687	3,359	3,359	4,030	4,030
BT12X027B	420	Meade to Garrett 69 kV Reconductor	1,343	2,015	1,343	1,343	1,343	672
BT12X028B	420	Skillman RTU Replacement	1,343	1,343	1,343	25,866	1,343	0
BT12X029B	420	South Dermont - RCS	0	0	0	2,015	1,343	672
		Capitalized Interest	789	12,298	53,891	98,471	37,962	50,794
Total TRANSMISSION			406,159	2,579,535	775,041	1,477,744	723,129	1,015,292

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
BT12X025B	420	Cumberland-Caldwell Springs Tap 69 kV Line	21,343	22,687	22,015	22,015	22,687	23,359	244,180
BT12X026B	420	Garrett-Flaherty 3 Mi 69 KV Line	2,015	32,015	31,679	41,008	41,008	51,008	219,557
BT12X027B	420	Meade to Garrett 69 kV Reconductor	0	0	201,343	302,687	143,359	32,015	687,463
BT12X028B	420	Skillman RTU Replacement	0	0	0	0	0	0	31,238
BT12X029B	420	South Dermont - RCS	0	0	0	42,015	11,979	0	58,024
		Capitalized Interest	61,805	14,207	19,385	34,569	33,780	41,916	459,867
Total TRANSMISSION			723,780	673,364	715,957	1,125,837	1,174,442	1,068,386	12,458,666

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
COLEMAN								
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500
Unassigned	CL	Misc. Safety Equipment						10,000
Unassigned	CL	Misc. Capital Projects			12,500			12,500
Unassigned	CL	Capital Valve Replacement			25,000			25,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500
Unassigned	CL	Blending Conveyor Belt						
Unassigned	CL	Barge Unloader Controls				75,000		
Unassigned	CL	Ash Sluice Pump						
Unassigned	CL	DCS Fuel handling power supplies replacement					20,000	20,000
Unassigned	CL	Conveyor Belt Replacement						
Unassigned	CL	Barge Unloader Bucket						
Unassigned	CL	4160 to 480 step down transformer						
Unassigned	CL	Intake Retaining Wall						
Unassigned	CL	CL Emergency Phosphate System (3)						30,000
Unassigned	CL	CL Replace Silica Analyzers (3)						100,000
Unassigned	CL	CL 12.47 Start-up Buss to Cables						
Unassigned	CL	CL FGD Recycle Pump Discharge Valves (material only)						
Unassigned	CL	CL Outboard Motor Flatboat					10,000	
Unassigned	CL	C-1 #5 Feedwater Heater Tube Bundle Replacement			500,000			
Unassigned	CL	C-1 A Circulating Water Pump		180,000				
Unassigned	CL	C-1 A Circulating Water Pump Column		200,000				
Unassigned	CL	C-1 A Traveling Water Screen Replacement				130,000		
Unassigned	CL	C-3 Rpl 4160 V Motors (3A BFP & 3A PA Fan)			225,000			
Unassigned	CL	C-3 B Mill Liner Replacement with inlet auger					200,000	
Unassigned	CL	C-3 Air Heater Basket Replacement						
Unassigned	CL	C-3 Burner enclosure						
Unassigned	CL	C-3 Boiler Expansion Joint Replacement						
Unassigned	CL	C-3 Boiler Insulation						
Unassigned	CL	C-3 Drum Enclosure replacement						
Unassigned	CL	C-3 Boiler penthouse casing replacement						
Unassigned	CL	C-3 Slag Grinder Replacement						
Unassigned	CL	C-3 Steam Coil Replacement						
Unassigned	CL	C-3 Critical Pipe System Hanger Replacements						
Unassigned	CL	C-3 Economizer Tube Replacement						40,000
Unassigned	CL	C-3 Mill & OFA Drive Replacement				700,000		
Unassigned	CL	C-3 Sootblower Replacements				150,000		
Unassigned	CL	C-3 EH Fluid Vacuum Dehydrator					100,000	
Unassigned	CL	C-3 480v MCC Replacement		15,000				
						100,000		

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
COLEMAN									
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500	50,000
Unassigned	CL	Misc. Safety Equipment			10,000				20,000
Unassigned	CL	Misc. Capital Projects			12,500			12,500	50,000
Unassigned	CL	Capital Valve Replacement			25,000			25,000	100,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500	50,000
Unassigned	CL	Blending Conveyor Belt	30,000						30,000
Unassigned	CL	Barge Unloader Controls							30,000
Unassigned	CL	Ash Sluice Pump	125,000			25,000			100,000
Unassigned	CL	DCS Fuel handling power supplies replacement							125,000
Unassigned	CL	Conveyor Belt Replacement		80,000					40,000
Unassigned	CL	Barge Unloader Bucket							80,000
Unassigned	CL	4160 to 480 step down transformer	45,000	30,000	120,000				120,000
Unassigned	CL	Intake Retaining Wall		100,000					75,000
Unassigned	CL	CL Emergency Phosphate System (3)							100,000
Unassigned	CL	CL Replace Silica Analyzers (3)	45,000						30,000
Unassigned	CL	CL 12.47 Start-up Buss to Cables	75,000						45,000
Unassigned	CL	CL FGD Recycle Pump Discharge Valves (material only)							175,000
Unassigned	CL	CL Outboard Motor Flatboat						275,000	275,000
Unassigned	CL	C-1 #5 Feedwater Heater Tube Bundle Replacement							10,000
Unassigned	CL	C-1 A Circulating Water Pump							500,000
Unassigned	CL	C-1 A Circulating Water Pump Column					40,000		220,000
Unassigned	CL	C-1 A Traveling Water Screen Replacement					25,000		225,000
Unassigned	CL	C-3 Rpi 4160 V Motors (3A BFP & 3A PA Fan)							130,000
Unassigned	CL	C-3 B Mill Liner Replacement with inlet auger							225,000
Unassigned	CL	C-3 Air Heater Basket Replacement					150,000		350,000
Unassigned	CL	C-3 Burner enclosure		400,000			150,000		550,000
Unassigned	CL	C-3 Boiler Expansion Joint Replacement					150,000		150,000
Unassigned	CL	C-3 Boiler Insulation		200,000			150,000		350,000
Unassigned	CL	C-3 Drum Enclosure replacement					350,000		350,000
Unassigned	CL	C-3 Boiler penthouse casing replacement					350,000		350,000
Unassigned	CL	C-3 Slag Grinder Replacement					250,000		250,000
Unassigned	CL	C-3 Steam Coil Replacement					135,000		135,000
Unassigned	CL	C-3 Critical Pipe System Hanger Replacements	100,000				100,000		200,000
Unassigned	CL	C-3 Economizer Tube Replacement					40,000		80,000
Unassigned	CL	C-3 Mill & OFA Drive Replacement					340,000		1,040,000
Unassigned	CL	C-3 Sootblower Replacements					50,000		200,000
Unassigned	CL	C-3 EH Fluid Vacuum Dehydrator					100,000		200,000
Unassigned	CL	C-3 480v MCC Replacement					70,000		170,000

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	CL	C-3 Boiler seal air piping replacement						
Unassigned	CL	C-3 DCS controller repl BRC 300						140,000
Unassigned	CL	C-3 FD fan housings, silencers & hoods				300,000		
Unassigned	CL	C-3 Air heater gas out duct to ESP						
Unassigned	CL	C-3 Boiler Tube Weld Overlay						
Unassigned	CL	C-3 CO Monitor		75,000				
Unassigned	CL	C-3 Replace DCS Communication Modules						240,000
Unassigned	CL	C-3 Install Excitation Transformer						
Unassigned	CL	C-1 Booster Fan Blades						
Unassigned	CL	C-1 Sootblower & Control Panel Replacements				100,000		
Unassigned	CL	C-1 3 New Boiler Safety Valves, 1 Cold Reheat, 2 Hot Reheat				100,000		
Unassigned	CL	C-1 Boiler Expansion Joint Replacement					150,000	
Unassigned	CL	C-1 Tube Replacement Hot Reheat Section				1,000,000		
Unassigned	CL	C-1 Slag Grinder Replacement						
Unassigned	CL	C-1 Boiler Insulation						
Unassigned	CL	C-1 Boiler penthouse casing						
Unassigned	CL	C-1 Drum Enclosure replacement						
Unassigned	CL	C-1 Critical Pipe System Hanger Replacements					20,000	
Unassigned	CL	C-1 Hot/Cold/Rating Drive Replacement				150,000		
Unassigned	CL	C-1 MCC Replacement				100,000		
Unassigned	CL	C-1 DCS controller repl BRC 300						140,000
Unassigned	CL	C-1 Vacuum Pump Replacement				100,000		
Unassigned	CL	C-1 FD fan housings, silencers & hoods					425,000	
Unassigned	CL	C-1 CEM Duct Gas Analysers Replacement						
Unassigned	CL	C-1 Precipitator inlet duct replacement						
Unassigned	CL	C-1 Start Up Regulator			60,000			
Unassigned	CL	C-1 Cold End Air Heater Basket						
Unassigned	CL	C-1 ROFA Fan Discharge Dampers						
Unassigned	CL	C-1 PA flow measurement CAMMS, A&D						
Unassigned	CL	C-1 ROFA Fan Replacement						
Unassigned	CL	C-1 Boiler Tube Weld Overlay						
Unassigned	CL	C-1 Mill Coal Valves						
Unassigned	CL	C-1 EH Fluid Vacuum Dehydrator						15,000
Unassigned	CL	C-1 Install Aux Transformer						
Total Coleman			0	470,000	977,500	2,875,000	925,000	797,500

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	CL	C-3 Boiler seal air piping replacement					150,000		150,000
Unassigned	CL	C-3 DCS controller repl BRC 300					10,000		150,000
Unassigned	CL	C-3 FD fan housings, silencers & hoods					265,000		565,000
Unassigned	CL	C-3 Air heater gas out duct to ESP					225,000		225,000
Unassigned	CL	C-3 Boiler Tube Weld Overlay					1,250,000		1,250,000
Unassigned	CL	C-3 CO Monitor					25,000		100,000
Unassigned	CL	C-3 Replace DCS Communication Modules					10,000		250,000
Unassigned	CL	C-3 Install Excitation Transformer				265,000			265,000
Unassigned	CL	C-1 Booster Fan Blades				285,000			285,000
Unassigned	CL	C-1 Sootblower & Control Panel Replacements				50,000			150,000
Unassigned	CL	C-1 3 New Boiler Safety Valves, 1 Cold Reheat, 2 Hot Reheat				20,000			120,000
Unassigned	CL	C-1 Boiler Expansion Joint Replacement				150,000			300,000
Unassigned	CL	C-1 Tube Replacement Hot Reheat Section				1,500,000			2,500,000
Unassigned	CL	C-1 Slag Grinder Replacement				135,000			135,000
Unassigned	CL	C-1 Boiler Insulation				250,000			250,000
Unassigned	CL	C-1 Boiler penthouse casing				200,000			200,000
Unassigned	CL	C-1 Drum Enclosure replacement				175,000			175,000
Unassigned	CL	C-1 Critical Pipe System Hanger Replacements				20,000			40,000
Unassigned	CL	C-1 Hot/Cold/Rating Drive Replacement				65,000			215,000
Unassigned	CL	C-1 MCC Replacement				75,000			175,000
Unassigned	CL	C-1 DCS controller repl BRC 300				10,000			150,000
Unassigned	CL	C-1 Vacuum Pump Replacement				50,000			150,000
Unassigned	CL	C-1 FD fan housings, silencers & hoods				200,000			625,000
Unassigned	CL	C-1 CEM Duct Gas Analysers Replacement				90,000			90,000
Unassigned	CL	C-1 Precipitator Inlet duct replacement				300,000			300,000
Unassigned	CL	C-1 Start Up Regulator				60,000			120,000
Unassigned	CL	C-1 Cold End Air Heater Basket				400,000			400,000
Unassigned	CL	C-1 ROFA Fan Discharge Dampers				300,000			300,000
Unassigned	CL	C-1 PA flow measurement CAMMS, A&D				130,000			130,000
Unassigned	CL	C-1 ROFA Fan Replacement				300,000			300,000
Unassigned	CL	C-1 Boiler Tube Weld Overlay				1,250,000			1,250,000
Unassigned	CL	C-1 Mill Coal Valves				250,000			250,000
Unassigned	CL	C-1 EH Fluid Vacuum Dehydrator							15,000
Unassigned	CL	C-1 Install Aux Transformer				125,000			125,000
									0
Total Coleman			420,000	810,000	192,500	6,680,000	4,385,000	337,500	18,870,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

			GROSS CAPITAL					
<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
CENTRAL MACHINE SHOP								
Unassigned	CMS	15"X50" Engine Lathe						
Unassigned	CMS	4'X4' Sandblasting Cabinet						
Unassigned	CMS	15X50 CNC Tool Room Lathe				25,000		
Unassigned	CMS	Bridgeport Series #1 Milling Machine				5,000		
Unassigned	CMS	Compressed Air Dryer				57,000		
Unassigned	CMS	Smog Hog				25,000		
Unassigned	CMS	Ventilation System for Welding Area				8,000		
Unassigned	CMS					8,000		
Unassigned	CMS					8,000		
Unassigned	CMS					12,000		
Total CMS:			0	0	0	140,000	0	0
GREEN								
BP10G041F	Green	GN - Paint Boiler & Precip						
BP11G077B	Green	G1 & G2 FGD Rehab						
BP12G001B	Green	GN - Miscellaneous Capital Projects		250,000	300,000	269,153	269,153	269,153
BP12G002B	Green	GN - Miscellaneous Safety	100,000			500,000	1,500,000	500,000
BP12G003B	Green	GN - Plant Tools & Equipment	20,000					
BP12G004B	Green	GN - Capital Valves	50,000					
BP12G005B	Green	GN - Conveyor Belts	100,000					
BP12G006B	Green	G2 - Cold Reheat hangers (3 Sets)	85,000					
BP12G007B	Green	G2 - C/T Cell Structure and Fill Replacement (3 Cells)	0			50,000		
BP12G008B	Green	G2 - C/T Water Deck Replacement (3 Cells Only)			368,000	368,000		
BP12G009B	Green	G2 - C/T Deck (3 Cells only)			95,000	95,000		
BP12G010B	Green	G2 - Economizer Outlet Exp Joints			95,000	95,000		
BP12G011B	Green	G2 - Hot Reheat hangers (3 Sets)				150,000		
BP12G012B	Green	G2 - Main Steam Hangers (3 sets)	0			50,000		
BP12G013B	Green	GN - Gas Powered Welder (2)	0			50,000		
BP12G014B	Green	GN - Valve Operator Limitorque SMB 000 MOV				7,500		
BP12G015B	Green	GN - Valve Operator Limitorque Type H Manual Operator				6,000		
BP12G016B	Green	G2 - Air Heater Baskets				6,000		
BP12G017B	Green	GN - Rpl Acid Pumping System						
BP12G018B	Green	GN - Landfill Downdrains				195,000	700,000	
BP12G019B	Green	GN - Water Plant Building Refurbishment						
BP12G020B	Green	G2 - Battery Charger (2 of 2)						20,000
BP12G021B	Green	G2 - Precip Repair						50,000
BP12G022B	Green	G2 - Scrubber Dupont SO2 Inlet and Outlet Monitor			20,000	25,000		
					562,755	537,754		
					100,000			

Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
CENTRAL MACHINE SHOP									
Unassigned	CMS	15"X50" Engine Lathe							25,000
Unassigned	CMS	4'X4' Sandblasting Cabinet							5,000
Unassigned	CMS	15X50 CNC Tool Room Lathe							57,000
Unassigned	CMS	Bridgeport Series #1 Milling Machine							25,000
Unassigned	CMS	Compressed Air Dryer							8,000
Unassigned	CMS	Smog Hog							8,000
Unassigned	CMS	Ventilation System for Welding Area							12,000
Total CMS:			0	0	0	0	0	0	140,000
GREEN									
BP10G041F	Green	GN - Paint Boiler & Precip	269,153						1,076,613
BP11G077B	Green	G1 & G2 FGD Rehab	375,000	350,000	252,900	250,000	250,000		4,527,900
BP12G001B	Green	GN - Miscellaneous Capital Projects							100,000
BP12G002B	Green	GN - Miscellaneous Safety							20,000
BP12G003B	Green	GN - Plant Tools & Equipment							50,000
BP12G004B	Green	GN - Capital Valves							100,000
BP12G005B	Green	GN - Conveyor Belts							85,000
BP12G006B	Green	G2 - Cold Reheat hangers (3 Sets)							50,000
BP12G007B	Green	G2 - C/T Cell Structure and Fill Replacement (3 Cells)							736,000
BP12G008B	Green	G2 - C/T Water Deck Replacement (3 Cells Only)							190,000
BP12G009B	Green	G2 - C/T Deck (3 Cells only)							190,000
BP12G010B	Green	G2 - Economizer Outlet Exp Joints							150,000
BP12G011B	Green	G2 - Hot Reheat hangers (3 Sets)							50,000
BP12G012B	Green	G2 - Main Steam Hangers (3 sets)							50,000
BP12G013B	Green	GN - Gas Powered Welder (2)							7,500
BP12G014B	Green	GN - Valve Operator Limitorque SMB 000 MOV							6,000
BP12G015B	Green	GN - Valve Operator Limitorque Type H Manual Operator							6,000
BP12G016B	Green	G2 - Air Heater Baskets							895,000
BP12G017B	Green	GN - Rpl Acid Pumping System	200,000						200,000
BP12G018B	Green	GN - Landfill Downdrains							20,000
BP12G019B	Green	GN - Water Plant Building Refurbishment	50,000						100,000
BP12G020B	Green	G2 - Battery Charger (2 of 2)							45,000
BP12G021B	Green	G2 - Precip Repair							1,100,509
BP12G022B	Green	G2 - Scrubber Dupont SO2 Inlet and Outlet Monitor							100,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
BP12G023B	Green	G2 - Station Batteries (60 Cells)			40,000	60,000		
BP12G024B	Green	G2 - Voltage Regulator				200,000		
BP12G025B	Green	GN - Precipitator AVCs			100,000			
BP12G026B	Green	GN - Rpl 4160v Breakers			50,000			
BP12G027B	Green	GN - Rpl 480v Breakers			50,000			
BP12G028B	Green	G1 - C Coal Conveyor Drive Gearbox						
BP12G029B	Green	G2 - ID Fan Outlet Dampers				200,000		
BP12G030B	Green	GN - Additive Feed Pump 1 of 4						
BP12G031B	Green	GN - Additive Supply Pump 1 of 4						
BP12G032B	Green	GN - Reclaim Feeder (2 of 8)						
BP12G033B	Green	GN - Reclaim Hopper (4 of 8)						
BP12G034B	Green	GN - Rpl 7B Stacker						
BP12G035B	Green	GN - Rpl Slaker Building Screws (2)						200,000
BP12G036B	Green	GN - Drager Air Monitor	15,000					
BP12G037B	Green	GN - Portable Gas Analyzer						12,500
BP12G038B	Green	G2 - Ash Clinker Grinder (2)			100,000			
BP12G039B	Green	G2 - Bottom Ash Dog House (1st of 4)			75,000			
BP12G040B	Green	G2 - Rpl A Reaction Tank Agitator Gearbox			45,000			
BP12G041B	Green	G2 - Steam Coils Banks (8)						80,000
BP12G042B	Green	G2 - Replace Steam Coil Drain Tank			75,000			
BP12G043B	Green	GN - Condensor Dog Bone Expansion Joint			100,000			
BP12G044B	Green	GN - Cooling Tower Stationary Screens			50,000			
BP12G045B	Green	GN - Recycle Pumphouse Sump Pumps					5,000	
BP12G046B	Green	GN - Replace Fire Water Piping						
BP12G047B	Green	GN - River Water Makeup Pump (2 of 3)						
BP12G048B	Green	GN - Rpl Bottom Ash Lines						
BP12G049B	Green	GN - Rpl Outside CCW Lines			50,000			
BP12G050B	Green	GN - Underflow tunnel sump pump					5,000	
BP12G051B	Green	GN - Coal Sampler					1,000,000	
Total Green			370,000	250,000	2,275,755	3,864,407	2,479,153	1,131,653

Big Rivers Electric Corporation
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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
BP12G023B	Green	G2 - Station Batteries (60 Cells)							100,000
BP12G024B	Green	G2 - Voltage Regulator							200,000
BP12G025B	Green	GN - Precipitator AVCs							100,000
BP12G026B	Green	GN - Rpl 4160v Breakers							50,000
BP12G027B	Green	GN - Rpl 480v Breakers							50,000
BP12G028B	Green	G1 - C Coal Conveyor Drive Gearbox		75,000					75,000
BP12G029B	Green	G2 - ID Fan Outlet Dampers							200,000
BP12G030B	Green	GN - Additive Feed Pump 1 of 4		50,000					50,000
BP12G031B	Green	GN - Additive Supply Pump 1 of 4		50,000					50,000
BP12G032B	Green	GN - Reclaim Feeder (2 of 8)	400,000						400,000
BP12G033B	Green	GN - Reclaim Hopper (4 of 8)	200,000						200,000
BP12G034B	Green	GN - Rpl 7B Stackers			150,000				150,000
BP12G035B	Green	GN - Rpl Slaker Building Screws (2)							200,000
BP12G036B	Green	GN - Drager Air Monitor							15,000
BP12G037B	Green	GN - Portable Gas Analyzer							12,500
BP12G038B	Green	G2 - Ash Clunker Grinder (2)							100,000
BP12G039B	Green	G2 - Bottom Ash Dog House (1st of 4)							75,000
BP12G040B	Green	G2 - Rpl A Reaction Tank Agitator Gearbox							45,000
BP12G041B	Green	G2 - Steam Coils Banks (8)							80,000
BP12G042B	Green	G2 - Replace Steam Coil Drain Tank							75,000
BP12G043B	Green	GN - Condensor Dog Bone Expansion Joint							100,000
BP12G044B	Green	GN - Cooling Tower Stationary Screens							50,000
BP12G045B	Green	GN - Recycle Pumphouse Sump Pumps							5,000
BP12G046B	Green	GN - Replace Fire Water Piping	100,000						100,000
BP12G047B	Green	GN - River Water Makeup Pump (2 of 3)							180,000
BP12G048B	Green	GN - Rpl Bottom Ash Lines			180,000				50,000
BP12G049B	Green	GN - Rpl Outside CCW Lines			50,000				50,000
BP12G050B	Green	GN - Underflow tunnel sump pump							5,000
BP12G051B	Green	GN - Coal Sampler							1,000,000
									0
Total Green			1,594,153	525,000	632,900	250,000	250,000	0	13,623,022

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
RD, GT, SII, R/SII, & R/G/SII								
BP10S003B	SII	H0 - Scrubber Stack Probes & Umbilicals Upgrade		30,000				
BP10S006B	SII	H1 - Cooling Tower Controls			35,000			
BP10S076F	SII	H1 - 480V MCC at Cooling Tower			26,500			
BP11H002B	SII	H1 - Generator Re-wedge			190,000			
BP11H005B	SII	H1 - Transformer Deluge System			93,000			
BP11H009B	SII	H1 - Air Heater Cold End Baskets			495,000			
BP11H010B	SII	H1 - Cooling Tower A,B&C Cell Fill			450,000			
BP11H015B	SII	H1 - Wet Bottom Ash Removal Hopper			500,000			
BP11H017B	SII	H1 - Insulation & Lagging			110,508			
BP11H018B	SII	H1 - Precipitator False Floor			400,000			
BP11H019B	SII	H1 - AH Steam Coils (Qty 4)			44,000			
BP11H022B	SII	H2 - Cooling Tower Controls			125,000			
BP11H023B	SII	H2 - Feedwater Heater Level Controls	68,000					
BP11H024B	SII	H2 - Precipitator Controls		125,000				
BP11H025B	SII	H2 - Turbine Trip Block Upgrade	180,000					
BP11H030F	SII	H2 - Rpl Cooling Tower MCC		365,200				
BP11Q002B	R/SII	RH - Barge Unloader Drives						
BP12H001B	SII	H0 - PI Tags			19,000			
BP12H002B	SII	H0 - Turbine Shack Ventilation Fans						25,000
BP12H003B	SII	H1 - Burner Replacement (CCV-DAZ)					30,000	
BP12H004B	SII	H1 - Seal Air Fan Foundations			2,200,000			
BP12H005B	SII	H1 - Expansion Joints			30,000			
BP12H006B	SII	H1 - Slag Grinder			85,000			
BP12H007B	SII	H2 - Seal Air Fan Foundations			75,000			
BP12H008B	SII	H2 - Economizer Outlet Expansion Joint		30,000				
BP12H009B	SII	H2 - Rpl Wet Bottom Seal Skirt (Includes Trough)	83,755					
BP12H010B	SII	H2 - Mill Blast Gates (4)			150,000			
BP12H011B	SII	H2 - Rpl Slag Grinders (2)			40,000			
BP12H012B	SII	H2 - High Energy Piping Hangers			75,000			
BP12H013B	SII	H2 - Insulation & Lagging	100,000					
BP12H014B	SII	H2 - Rpl AH Steam Coils (2)			100,000			
					22,000			

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
RD, GT, SII, R/SII, & R/G/SII									
BP10S003B	SII	H0 - Scrubber Stack Probes & Umbilicals Upgrade							30,000
BP10S006B	SII	H1 - Cooling Tower Controls							35,000
BP10S076F	SII	H1 - 480V MCC at Cooling Tower							26,500
BP11H002B	SII	H1 - Generator Re-wedge							190,000
BP11H005B	SII	H1 - Transformer Deluge System							93,000
BP11H009B	SII	H1 - Air Heater Cold End Baskets							495,000
BP11H010B	SII	H1 - Cooling Tower A,B&C Cell Fill							450,000
BP11H015B	SII	H1 - Wet Bottom Ash Removal Hopper							500,000
BP11H017B	SII	H1 - Insulation & Lagging							110,508
BP11H018B	SII	H1 - Precipitator False Floor							400,000
BP11H019B	SII	H1 - AH Steam Coils (Qty 4)							44,000
BP11H022B	SII	H2 - Cooling Tower Controls							125,000
BP11H023B	SII	H2 - Feedwater Heater Level Controls							68,000
BP11H024B	SII	H2 - Precipitator Controls							125,000
BP11H025B	SII	H2 -Turbine Trip Block Upgrade							180,000
BP11H030F	SII	H2 - Rpl Cooling Tower MCC							365,200
BP11Q002B	R/SII	RH - Barge Unloader Drives							19,000
BP12H001B	SII	H0 - PI Tags							25,000
BP12H002B	SII	H0 - Turbine Shack Ventilation Fans							30,000
BP12H003B	SII	H1 - Burner Replacement (CCV-DAZ)							2,200,000
BP12H004B	SII	H1 - Seal Air Fan Foundations							30,000
BP12H005B	SII	H1 - Expansion Joints							85,000
BP12H006B	SII	H1 - Slag Grinder							75,000
BP12H007B	SII	H2 - Seal Air Fan Foundations							30,000
BP12H008B	SII	H2 - Economizer Outlet Expansion Joint							83,755
BP12H009B	SII	H2 - Rpl Wet Bottom Seal Skirt (Includes Trough)							150,000
BP12H010B	SII	H2 - Mill Blast Gates (4)							40,000
BP12H011B	SII	H2 - Rpl Slag Grinders (2)							75,000
BP12H012B	SII	H2 - High Energy Piping Hangers							100,000
BP12H013B	SII	H2 - Insulation & Lagging							100,000
BP12H014B	SII	H2 - Rpl AH Steam Coils (2)							22,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
BP12H015B	SII	H2 - Rpl Wallblowers (5-7 of 24) 3 total		55,000				
BP12H016B	SII	H2 - Oxygen Analyzers		35,000				
BP12Q001B	R/SII	RH - Misc Capital Projects						25,000
BP12Q002B	R/SII	RH - Misc Capital Valves						25,000
BP12Q003B	R/SII	RH - Misc Conveyor Belts						
BP12Q004B	R/SII	RH - Misc Tools & Equipment						
BP12Q005B	R/SII	RH - Misc Safety						
BP12Q006B	R/SII	RH - Rpl Boothe Flyash System				480,000		
BP12Q007B	R/SII	RH - 480 Volt Welder						3,000
BP12Q008B	R/SII	RH - Wire Feed Welder				7,000		
BP12Q009B	R/SII	RH - Clients & Servers (PLC) & (DCS)					10,000	20,000
BP12Q010B	R/SII	RH - Genie Compact Aerial Work Platform GR-15						15,000
BP12Q011B	R/SII	RH - Handheld Thermal Imaging Gun						
BP12R001B	GT	GT - Hydrogen Purity Meter					22,000	
BP12R002B	REID	R1 - Rpl AH Steam Coils (Qty 2)						
BP12S001B	R/G/SII	RGH - Gas Monitoring System (6)						15,000
BP12S002B	R/G/SII	RGH - Winch/Tripod Equipment						5,000
Total RD, GT, SII, R/SII, & R/G/SII			431,755	1,027,200	4,878,008	487,000	62,000	133,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
BP12H015B	SII	H2 - Rpl Wallblowers (5-7 of 24) 3 total							55,000
BP12H016B	SII	H2 - Oxygen Analyzers							35,000
BP12Q001B	R/SII	RH - Misc Capital Projects	31,000			25,000	25,000		81,000
BP12Q002B	R/SII	RH - Misc Capital Valves		25,000		25,000		25,000	100,000
BP12Q003B	R/SII	RH - Misc Conveyor Belts		20,000		20,000		25,000	90,000
BP12Q004B	R/SII	RH - Misc Tools & Equipment	25,000		25,000				50,000
BP12Q005B	R/SII	RH - Misc Safety	10,000				10,000		20,000
BP12Q006B	R/SII	RH - Rpl Boothe Flyash System							480,000
BP12Q007B	R/SII	RH - 480 Volt Welder							3,000
BP12Q008B	R/SII	RH - Wire Feed Welder							7,000
BP12Q009B	R/SII	RH - Clients & Servers (PLC) & (DCS)	10,000						40,000
BP12Q010B	R/SII	RH - Genie Compact Aerial Work Platform GR-15	18,000						18,000
BP12Q011B	R/SII	RH - Handheld Thermal Imaging Gun							15,000
BP12R001B	GT	GT - Hydrogen Purity Meter							22,000
BP12R002B	REID	R1 - Rpl AH Steam Coils (Qty 2)				20,000			20,000
BP12S001B	R/G/SII	RGH - Gas Monitoring System (6)							15,000
BP12S002B	R/G/SII	RGH - Winch/Tripod Equipment							5,000
Total RD, GT, SII, R/SII, & R/G/SII			94,000	45,000	25,000	90,000	35,000	50,000	7,357,963

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

			GROSS CAPITAL					
<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
							10,000	
Unassigned	WL	Misc. Safety Equipment					20,000	
Unassigned	WL	Misc. Tools						20,000
Unassigned	WL	Misc. Capital			40,000			
Unassigned	WL	Capital Valves		25,000	75,000			
Unassigned	WL	DCS Client Computer Replacement	15,000					
Unassigned	WL	Goodway Tube Cleaning Machine						
Unassigned	WL	Filter Water Pump (1 of 3)						
Unassigned	WL	Clarified Water Pump (1 of 3)					35,000	
Unassigned	WL	Tennant Floor Cleaning Machine						
Unassigned	WL	Replace Fire Hydrants						
Unassigned	WL	#4 Sump pump						
Unassigned	WL	Process Control System Replacement	60,000					
Unassigned	WL	Replace Scrubber Fork Lift				75,000		
Unassigned	WL	#1 Fly Ash Blower - 1st and 2nd Stage					75,000	
Unassigned	WL	Barge Unloader Split System HVAC Replacement						
Unassigned	WL	Replace solid waste area vacuum pump #121						
Unassigned	WL	DCS Server Replacement		20,000	65,000			
Unassigned	WL	Replace BFPT overspeed trip system						
Unassigned	WL	Boiler Feed Pump Turbine Control Cabinet Power Supply		50,000	50,000			
Unassigned	WL	Sootblower IK Replacement (IK6 & IK7)				50,000	50,000	
Unassigned	WL	Replace 6.9KV480v Switchgear breakers						125,000
Unassigned	WL	Plant Control Air Dryer Replacement			65,000	135,000		
Unassigned	WL	Emergency Trip Cabinet Replacement			100,000	100,000		
Unassigned	WL	PLC Flyash Control System Replacement			50,000	150,000		
Unassigned	WL	Rotating Element on #1 BFP			86,000	120,000		
Unassigned	WL	Install stack lightning elimination system			35,000	176,150		
Unassigned	WL	Supervisory instruments, ID, FD and PA Fans			200,000	100,000		
Unassigned	WL	125 Volt Station Batteries and Charger Replacement		125,000	225,000			
Unassigned	WL	expansion joints						250,000
Unassigned	WL	Conveyor belts (#4,6B,8-2, Boom Conveyor)						

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
WILSON									
Unassigned	WL	Misc. Safety Equipment							
Unassigned	WL	Misc. Tools		10,000					20,000
Unassigned	WL	Misc. Capital			30,000				50,000
Unassigned	WL	Capital Valves				20,000	20,000		100,000
Unassigned	WL	DCS Client Computer Replacement							100,000
Unassigned	WL	Goodway Tube Cleaning Machine				15,000			15,000
Unassigned	WL	Filter Water Pump (1 of 3)							15,000
Unassigned	WL	Clarified Water Pump (1 of 3)					18,000		18,000
Unassigned	WL	Tennant Floor Cleaning Machine		18,000					18,000
Unassigned	WL	Replace Fire Hydrants		40,000					35,000
Unassigned	WL	#4 Sump pump							40,000
Unassigned	WL	Process Control System Replacement						40,000	40,000
Unassigned	WL	Replace Scrubber Fork Lift			30,000		30,000		60,000
Unassigned	WL	#1 Fly Ash Blower - 1st and 2nd Stage							60,000
Unassigned	WL	Barge Unloader Split System HVAC Replacement							75,000
Unassigned	WL	Replace solid waste area vacuum pump #121							75,000
Unassigned	WL	DCS Server Replacement					77,610		77,610
Unassigned	WL	Replace BFPT overspeed trip system			80,000				80,000
Unassigned	WL	Boiler Feed Pump Turbine Control Cabinet Power Supply							85,000
Unassigned	WL	Sootblower IK Replacement (IK6 & IK7)							100,000
Unassigned	WL	Replace 6.9KV480v Switchgear breakers							100,000
Unassigned	WL	Plant Control Air Dryer Replacement							125,000
Unassigned	WL	Emergency Trip Cabinet Replacement			150,000				150,000
Unassigned	WL	PLC Flyash Control System Replacement							200,000
Unassigned	WL	Rotating Element on #1 BFP							200,000
Unassigned	WL	Install stack lightning elimination system							200,000
Unassigned	WL	Supervisory instruments, ID, FD and PA Fans							206,000
Unassigned	WL	125 Volt Station Batteries and Charger Replacement							211,150
Unassigned	WL	expansion joints							300,000
Unassigned	WL	Conveyor belts (#4,6B,8-2, Boom Conveyor)	200,000						350,000
									450,000

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2012
Gross of City Share (Includes Capital Interest)**

			<u>GROSS CAPITAL</u>					
<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	WL	Tube Weld Overlay		100,000	400,000			
Unassigned	WL	Wilson Stack Cone Replacement				200,000	300,000	
Unassigned	WL	FGD Top Hat Replacement		228,540	300,000			
Unassigned	WL	Burner Replacement 13 of 25		300,000	460,000			
Unassigned	WL	Catalyst Regeneration		300,000	1,200,000			
Unassigned	WL	Waterwall Tube Replacement		300,000	1,200,000			
Unassigned	WL	Finishing Superheater replacement		1,000,000	2,000,000			
Unassigned	WL	Secondary Air Heater Replacement		1,200,000	1,818,660			
Unassigned	WL	B&R Warehouse Roof					30,000	
Total Wilson			75,000	4,184,540	8,614,810	355,000	490,000	395,000
Total			2,053,214	8,945,275	18,092,614	9,596,621	4,952,782	4,545,445

**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	WL	Tube Weld Overlay							500,000
Unassigned	WL	Wilson Stack Cone Replacement							500,000
Unassigned	WL	FGD Top Hat Replacement							528,540
Unassigned	WL	Burner Replacement 13 of 25							760,000
Unassigned	WL	Catalyst Regeneration							1,500,000
Unassigned	WL	Waterwall Tube Replacement							1,500,000
Unassigned	WL	Finishing Superheater replacement							3,000,000
Unassigned	WL	Secondary Air Heater Replacement							3,018,660
Unassigned	WL	B&R Warehouse Roof							30,000
Total Wilson			200,000	68,000	290,000	112,610	68,000	40,000	14,892,960
Total			3,476,433	2,297,364	1,884,357	8,468,947	5,912,442	1,495,886	71,721,381

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2013
Gross of City Share (Includes Capital Interest)**

			GROSS CAPITAL					
<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
ADMINISTRATIVE								
Unassigned	Env	Miscellaneous Air Monitoring Replacements						
Unassigned	Env	Replace Mercury Analyzer			50,000			
Unassigned	Env	Replace Microwave Digestor			50,000			
Unassigned	Env	Replace CHN Analyzer				45,000		
Unassigned	0110	Drawing Scanner				100,000		
Unassigned	0110	CD Duplicator				10,000		
Unassigned	0150	High Angle Rescue Equipment				2,000		
Unassigned	0150	Rescue Manikin				2,000		
Unassigned	0170	Copy Machines (2)				1,500		
Unassigned	0170	IT - Rpl 2006 Gold Van - 48,000 miles	35,000					
Unassigned	0170	IT - Rpl #282 - 2001 Blk Impala		20,000				
Unassigned	0170	RGH - Plant Mgr Vehicle - Rpl S431 - 2010 White Silverado				25,000		
Unassigned	0170	RH - Rpl S25 - 1994 Green Dodge 3/4 Ton		40,000				
Unassigned	0170	CL - Plant Manager Vehicle		20,000				
Unassigned	0170	WL - Plant Manager Vehicle (#430 - 2010 Chevy Silverado)		40,000				
Unassigned	0170	WL - Rpl Vehicle #655 CH Svc Truck - 1984 Ford F600		50,000				
Unassigned	0170	TRAN - Rpl #270 Truck (4x4, 3/4 ton, crew cab w/ svc bed)		50,000				
Unassigned	0170	TRAN - Rpl #318 Truck (4x4, 1/2 ton, ext cab)		33,000				
Unassigned	0170	TRAN - Rpl #318 - Extended Cab 1/2 ton 4x4 Truck		33,000				
Unassigned	0170	TRAN - Rpl 70' Bucket Truck						
Unassigned	0170	TRAN - Rpl #270 - Diesel 3/4 ton 4x4 Truck		300,000				
Unassigned	0170	TRAN - Rpl #315 - Extended Cab 1/2 ton 4x4 Truck		50,000				
Unassigned	0170	TRAN - Rpl #315 - Extended Cab 1/2 ton 4x4 Truck		33,000				
Unassigned	0170	TRAN - Rpl #294 - Extended Cab Diesel 3/4 ton 4x4 Truck		40,000				
Unassigned	0170	HR - Rpl #310 Pool Vehicle		23,000				
Total Administrative			35,000	772,000	100,000	185,500	0	0

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2013
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
ADMINISTRATIVE									
Unassigned	Env	Miscellaneous Air Monitoring Replacements							50,000
Unassigned	Env	Replace Mercury Analyzer							50,000
Unassigned	Env	Replace Microwave Digestor							45,000
Unassigned	Env	Replace CHN Analyzer							100,000
Unassigned	0110	Drawing Scanner							10,000
Unassigned	0110	CD Duplicator							2,000
Unassigned	0150	High Angle Rescue Equipment							2,000
Unassigned	0150	Rescue Manikin							1,500
Unassigned	0170	Copy Machines (2)							35,000
Unassigned	0170	IT - Rpl 2006 Gold Van - 48,000 miles							20,000
Unassigned	0170	IT - Rpl #282 - 2001 Blk Impala							25,000
Unassigned	0170	RGH - Plant Mgr Vehicle - Rpl S431 - 2010 White Silverado							40,000
Unassigned	0170	RH - Rpl S25 - 1994 Green Dodge 3/4 Ton							20,000
Unassigned	0170	CL - Plant Manager Vehicle							40,000
Unassigned	0170	WL - Plant Manager Vehicle (#430 - 2010 Chevy Silverado)							40,000
Unassigned	0170	WL - Rpl Vehicle #655 CH Svc Truck - 1984 Ford F600							50,000
Unassigned	0170	TRAN - Rpl #270 Truck (4x4, 3/4 ton, crew cab w/ svc bed)							50,000
Unassigned	0170	TRAN - Rpl #318 Truck (4x4, 1/2 ton, ext cab)							33,000
Unassigned	0170	TRAN - Rpl #318 - Extended Cab 1/2 ton 4x4 Truck							33,000
Unassigned	0170	TRAN - Rpl 70' Bucket Truck							300,000
Unassigned	0170	TRAN - Rpl #270 - Diesel 3/4 ton 4x4 Truck							50,000
Unassigned	0170	TRAN - Rpl #315 - Extended Cab 1/2 ton 4x4 Truck							33,000
Unassigned	0170	TRAN - Rpl #294 - Extended Cab Diesel 3/4 ton 4x4 Truck							40,000
Unassigned	0170	HR - Rpl #310 Pool Vehicle							23,000
Total Administrative			0	0	0	0	0	0	1,092,500

Big Rivers Electric Corporation
Capital Expenditures Budget for 2013
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
IT								
Unassigned	300	Replacement PC's, Laptops, Printers		10,000	20,000	30,000	30,000	30,000
Unassigned	300	Replacement Data Centers Servers (HQ/DRC)				40,000		70,000
Unassigned	300	Additional disk storage (SAN's)						70,000
Unassigned	300	Replace Palo Alto Server						
Unassigned	300	Upgrade OSI software/hardware on EMS						
Unassigned	300	Replace Firewalls in CIP's/Electronic Parameter			25,000			
Unassigned	300	Replace Inverter on the Harris Diesel UPS at Headquarters						60,000
Unassigned	300	Replace Chart Recorders in Energy Control					60,000	
Unassigned	302	Replace Coop/BREC hardware/software GIS	50,000		50,000		75,000	
Unassigned	302	Software Tools						
Unassigned	302	iSeries replacement-J/p and Kenergy - CPU, backup				60,000		
Total IT			50,000	10,000	95,000	130,000	165,000	230,000
TRANSMISSION								
BT11X011B	420	Replace (9) TC Blocking Carriers with GARD-8000	18,888	18,888	18,888	10,701	701	701
W9010000	420	Wilson EHV - 161 kV Line Terminal for 19-F	16,000	16,000	16,000	16,000	16,000	16,000
W9300000	420	White Oak - 50 MVA Substation	266,851	266,851	267,441	328,032	1,364,489	64,489
W9560000	420	7-B Tap to Paradise 161 kV Line Reconductor	300	300	300	12,141	12,137	12,137
W9650000	420	Paradise 161 kV Line Terminal Upgrade	2,992	2,992	2,992	5,646	5,645	5,645
2013 POLES	420	Pole Change Outs	59,455	59,455	59,455	59,455	59,455	59,455
Unassigned	420	256 KW Generator (oil treatment)	0	0	0	0	0	0
Unassigned	420	All Terrain Vehicle (Line Crew)	0	0	0	0	17,000	0
Unassigned	420	All Terrain Vehicle (ROW Crew)	0	0	0	0	15,000	0
Unassigned	420	All Terrain Vehicle Trailer (Line Crew)	0	0	0	0	4,000	0
Unassigned	420	All Terrain Vehicle Trailer (ROW Crew)	0	0	0	0	3,500	0
Unassigned	420	Capital Tool Replacements	0	0	0	0	1,000	0
Unassigned	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0
Unassigned	420	Hydraulic Pump and Press Replacements	0	0	3,500	0	0	0
Unassigned	420	On-line DGA Monitoring for CEHV Transformer	0	0	0	0	84,000	0

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
IT									
Unassigned	300	Replacement PC's, Laptops, Printers	30,000	20,000	20,000	20,000			210,000
Unassigned	300	Replacement Data Centers Servers (HQ/DRC)		15,000		25,000			150,000
Unassigned	300	Additional disk storage (SAN's)							70,000
Unassigned	300	Replace Palo Alto Server	70,000						70,000
Unassigned	300	Upgrade OSI software/hardware on EMS							0
Unassigned	300	Replace Firewalls in CIP's/Electronic Parameter							25,000
Unassigned	300	Replace Inverter on the Harris Diesel UPS at Headquarters							60,000
Unassigned	300	Replace Chart Recorders in Energy Control							60,000
Unassigned	302	Replace Coop/BREC hardware/software GIS	80,000		50,000		50,000		355,000
Unassigned	302	Software Tools			10,000				10,000
Unassigned	302	iSeries replacement-J/p and Kenergy - CPU, backup				60,000			120,000
Total IT			180,000	35,000	80,000	105,000	50,000	0	1,130,000
TRANSMISSION									
BT11X011B	420	Replace (9) TC Blocking Carriers with GARD-8000	0	0	0	0	0	0	68,767
W9010000	420	Wilson EHV - 161 kV Line Terminal for 19-F	16,000	16,000	16,000	16,000	16,000	16,000	192,000
W9300000	420	White Oak - 50 MVA Substation	65,892	65,892	65,892	2,385	0	0	2,758,214
W9560000	420	7-B Tap to Paradise 161 kV Line Reconductor	12,137	12,137	12,137	112,953	94,350	30,032	311,063
W9650000	420	Paradise 161 kV Line Terminal Upgrade	5,645	5,645	5,645	120,544	124,881	34,640	322,910
2013 POLES	420	Pole Change Outs	59,455	59,455	59,455	34,125	0	0	569,220
Unassigned	420	256 KW Generator (oil treatment)	0	0	0	0	75,000	0	75,000
Unassigned	420	All Terrain Vehicle (Line Crew)	0	0	0	0	0	0	17,000
Unassigned	420	All Terrain Vehicle (ROW Crew)	0	0	0	0	0	0	15,000
Unassigned	420	All Terrain Vehicle Trailer (Line Crew)	0	0	0	0	0	0	4,000
Unassigned	420	All Terrain Vehicle Trailer (ROW Crew)	0	0	0	0	0	0	3,500
Unassigned	420	Capital Tool Replacements	0	0	1,000	0	0	0	2,000
Unassigned	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0	5,000
Unassigned	420	Hydraulic Pump and Press Replacements	0	0	0	0	0	0	3,500
Unassigned	420	On-line DGA Monitoring for CEHV Transformer	0	0	0	0	0	0	84,000

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**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	420	Portable Generator Replacements	0	0	0	900	0	0
Unassigned	420	Replace Disconnects at Coleman (10)	0	0	0	39,674	14,674	39,674
Unassigned	420	Replace Megger Transformer Ohm Meter	0	5,000	0	0	0	0
Unassigned	420	Replace Miller welder and generator	0	0	0	8,000	0	0
Unassigned	420	Replace Substation Battery and Charger #1	0	0	0	0	0	44,000
Unassigned	420	Replace Substation Battery and Charger #2	0	0	0	0	0	44,000
Unassigned	420	Replace Substation Security Fence	0	0	0	23,830	0	1,181
Unassigned	420	Replacement A/C Units	0	0	0	0	4,000	4,000
Unassigned	420	Replacement of #248 Digger	0	0	0	0	0	0
Unassigned	420	Skid steer (Bobcat)	0	0	0	0	0	0
Unassigned	420	Cumberland-Caldwell Springs Tap 69 kV Line	24,910	24,910	14,209	13,507	13,507	12,806
Unassigned	420	Garrett-Flaherty 3 Mi 69 KV Line	115,222	115,222	101,052	103,156	103,156	103,156
Unassigned	420	McCracken RTU Replacement	0	0	701	701	701	25,425
Unassigned	420	Reid 69 kV RTU Replacement	0	0	0	0	0	0
Unassigned	420	EMS Comm Conversion to DNP 3.0	0	0	0	0	0	0
		Capitalized Interest	4,572	21,141	69,692	104,899	22,758	37,862
Total TRANSMISSION			509,190	530,759	556,730	726,642	1,741,723	470,531

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	420	Portable Generator Replacements	0	0	900	0	0	0	1,800
Unassigned	420	Replace Disconnects at Coleman (10)	39,674	39,674	33,770	47,380	0	0	254,520
Unassigned	420	Replace Megger Transformer Ohm Meter	0	0	0	0	0	0	5,000
Unassigned	420	Replace Miller welder and generator	0	0	0	0	0	0	8,000
Unassigned	420	Replace Substation Battery and Charger #1	1,181	0	0	0	0	0	45,181
Unassigned	420	Replace Substation Battery and Charger #2	1,181	0	0	0	0	0	45,181
Unassigned	420	Replace Substation Security Fence	0	0	0	0	0	0	25,011
Unassigned	420	Replacement A/C Units	4,000	4,000	0	0	0	0	16,000
Unassigned	420	Replacement of #248 Digger	0	0	0	300,000	0	0	300,000
Unassigned	420	Skid steer (Bobcat)	0	0	0	0	43,000	0	43,000
Unassigned	420	Cumberland-Caldwell Springs Tap 69 kV Line	12,806	12,806	14,209	14,209	22,806	22,806	203,491
Unassigned	420	Garrett-Flaherty 3 Mi 69 KV Line	103,156	71,403	0	0	0	0	815,523
Unassigned	420	McCracken RTU Replacement	701	0	0	0	0	0	28,229
Unassigned	420	Reid 69 kV RTU Replacement	0	701	701	25,425	5,425	701	32,953
Unassigned	420	EMS Comm Conversion to DNP 3.0	2,104	2,104	2,104	1,403	1,403	2,104	11,222
		Capitalized Interest	53,816	28,288	44,800	50,857	4,694	5,928	449,307
Total TRANSMISSION			377,748	318,105	259,113	725,281	387,559	112,211	6,715,592

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<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
COLEMAN								
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500
Unassigned	CL	Misc. Safety Equipment					10,000	
Unassigned	CL	Misc. Capital Projects			12,500			12,500
Unassigned	CL	Capital Valve Replacement			25,000			25,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500
Unassigned	CL	WWTF Dike Elevation						500,000
Unassigned	CL	Replace Plant Carrydeck Crane				200,000		
Unassigned	CL	Limestone PLC replace with DCS controls		75,000	75,000			
Unassigned	CL	Limitorque Drive Replacement				50,000		
Unassigned	CL	Ash Sluice Pump						
Unassigned	CL	Conveyor Belt Replacement					55,000	
Unassigned	CL	tAnalyst Server PC Replacement						
Unassigned	CL	ECT Server Replacement						
Unassigned	CL	Increase number of PI tags	40,000					
Unassigned	CL	Truck Scales - hardware and software		20,000				
Unassigned	CL	Diesel Fire Pump		125,000			125,000	
Unassigned	CL	4160 to 480 step down transformer						78,000
Unassigned	CL	Bulk Brine Tank						
Unassigned	CL	CH & FGD Clients to Cable - Pull			50,000			
Unassigned	CL	C-1 #6 Feedwater Heater Tube Bundle Replacement						550,000
Unassigned	CL	C-2 A Circulating Water Pump					230,000	
Unassigned	CL	C-2 A Circulating Water Pump Column					225,000	
Unassigned	CL	C-1 B Traveling Water Screen Replacement						150,000
Unassigned	CL	C-2 480v MCC Replacement			200,000			
Unassigned	CL	C-2 Replace DCS Communication Modules			130,000			
Unassigned	CL	C-2 Slag Grinder Replacement			150,000			
Unassigned	CL	C-2 Boiler Expansion Joint Replacement			250,000			
Unassigned	CL	C-2 Boiler Insulation			350,000			
Unassigned	CL	C-2 Boiler penthouse casing			200,000			
Unassigned	CL	C-2 Sootblower Replacements			100,000			
Unassigned	CL	C-2 Boiler seal air piping replacement			150,000			

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COLEMAN									
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500	50,000
Unassigned	CL	Misc. Safety Equipment		10,000					20,000
Unassigned	CL	Misc. Capital Projects			12,500			12,500	50,000
Unassigned	CL	Capital Valve Replacement			25,000			25,000	100,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500	50,000
Unassigned	CL	WWTF Dike Elevation	500,000	500,000	500,000				2,000,000
Unassigned	CL	Replace Plant Carrydeck Crane							200,000
Unassigned	CL	Limestone PLC replace with DCS controls							150,000
Unassigned	CL	Limitorque Drive Replacement							50,000
Unassigned	CL	Ash Sluice Pump		160,000					160,000
Unassigned	CL	Conveyor Belt Replacement				55,000			110,000
Unassigned	CL	Analyst Server PC Replacement	15,000						15,000
Unassigned	CL	ECT Server Replacement	10,000						10,000
Unassigned	CL	Increase number of PI tags							40,000
Unassigned	CL	Truck Scales - hardware and software							20,000
Unassigned	CL	Diesel Fire Pump							250,000
Unassigned	CL	4160 to 480 step down transformer							78,000
Unassigned	CL	Bulk Brine Tank		60,000					60,000
Unassigned	CL	CH & FGD Clients to Cable - Pull							50,000
Unassigned	CL	C-1 #6 Feedwater Heater Tube Bundle Replacement							550,000
Unassigned	CL	C-2 A Circulating Water Pump							230,000
Unassigned	CL	C-2 A Circulating Water Pump Column							225,000
Unassigned	CL	C-1 B Traveling Water Screen Replacement							150,000
Unassigned	CL	C-2 480v MCC Replacement							200,000
Unassigned	CL	C-2 Replace DCS Communication Modules							130,000
Unassigned	CL	C-2 Slag Grinder Replacement							150,000
Unassigned	CL	C-2 Boiler Expansion Joint Replacement							250,000
Unassigned	CL	C-2 Boiler Insulation							350,000
Unassigned	CL	C-2 Boiler penthouse casing							200,000
Unassigned	CL	C-2 Sootblower Replacements		100,000					200,000
Unassigned	CL	C-2 Boiler seal air piping replacement							150,000

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	CL	C-2 Rpl 4160 V Motors (2A FD & 2C PA Fan)			225,000			
Unassigned	CL	C-2 Replace Primary superheater			2,000,000			
Unassigned	CL	C-2 Protective Relay Replacement			150,000			
Unassigned	CL	C-2 damper drive replacement			200,000			
Unassigned	CL	C-2 Burner Replacement (8)			1,200,000			
Unassigned	CL	C-2 Hot Reheater Tube Replacement			2,500,000			
Unassigned	CL	C-2 Air Heater Hot End Basket Replacement			465,000			
Unassigned	CL	C-2 Boiler Tube Weld Overlay			1,250,000			
Unassigned	CL	C-2 3 New Boiler Safety Valves, 1 Cold Reheat, 2 Hot Reheat			120,000			
Unassigned	CL	C-2 Coal valves			250,000			
Unassigned	CL	C-2 Bypass Stack CEMs Analyzer & Umbilical Cable Replacement			140,000			
Unassigned	CL	C-2 Burner Scanners			120,000			
Unassigned	CL	C-2 Burner Secondary Air Register Drives			200,000			
Unassigned	CL	C-2 Auxillary Transformer			600,000			
Unassigned	CL	CL FGD DCS UPS replacement			160,000			
Unassigned	CL	CL FGD Absorber Agitator Blades, B & D			90,000			
Unassigned	CL	C-2 Booster Fan Blades			285,000			
Unassigned	CL	CL FGD CEMs Analyzer & Umbilical Cable Replacement			140,000			
Unassigned	CL	CL FGD Recycle Pump Discharge Valves (Labor only)			150,000			
Unassigned	CL							
Total Coleman			40,000	220,000	11,962,500	250,000	645,000	1,340,500

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GROSS CAPITAL

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Unassigned	CL	C-2 Rpl 4160 V Motors (2A FD & 2C PA Fan)							225,000
Unassigned	CL	C-2 Replace Primary superheater							2,000,000
Unassigned	CL	C-2 Protective Relay Replacement							150,000
Unassigned	CL	C-2 damper drive replacement							200,000
Unassigned	CL	C-2 Burner Replacement (8)							1,200,000
Unassigned	CL	C-2 Hot Reheater Tube Replacement							2,500,000
Unassigned	CL	C-2 Air Heater Hot End Basket Replacement							465,000
Unassigned	CL	C-2 Boiler Tube Weld Overlay							1,250,000
Unassigned	CL	C-2 3 New Boiler Safety Valves, 1 Cold Reheat, 2 Hot Reheat							120,000
Unassigned	CL	C-2 Coal valves							250,000
Unassigned	CL	C-2 Bypass Stack CEMs Analyzer & Umbilical Cable Replacement							140,000
Unassigned	CL	C-2 Burner Scanners							120,000
Unassigned	CL	C-2 Burner Secondary Air Register Drives							200,000
Unassigned	CL	C-2 Auxillary Transformer							600,000
Unassigned	CL	CL FGD DCS UPS replacement							160,000
Unassigned	CL	CL FGD Absorber Agitator Blades, B & D							90,000
Unassigned	CL	C-2 Booster Fan Blades							285,000
Unassigned	CL	CL FGD CEMs Analyzer & Umbilical Cable Replacement							140,000
Unassigned	CL	CL FGD Recycle Pump Discharge Valves (Labor only)							150,000
Unassigned	CL								0
Total Coleman			525,000	830,000	562,500	55,000	0	62,500	16,493,000

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
CENTRAL MACHINE SHOP								
Unassigned	CMS	75 Ton Press			15,000			
Unassigned	CMS	36" Vertical Band Saw			10,000			
Unassigned	CMS	36" 4-Jaw Independent Chuck			8,500			
Unassigned	CMS	External-Internal Tool Post Grinder			4,500			
Unassigned	CMS	Keyway Broach Machine			25,000			
Unassigned	CMS	Boring Mill			60,000			
Unassigned	CMS	Plasma Arc Machine			7,500			
Total CMS:			0	0	130,500	0	0	0
GREEN								
Unassigned	Green	G1 - Mill Gearbox						
Unassigned	Green	GN - Capital Valves	100,000					
Unassigned	Green	GN - Miscellaneous Capital Projects	100,000					
Unassigned	Green	GN - Miscellaneous Safety	20,000					
Unassigned	Green	GN - Plant Tools & Equipment	50,000					
Unassigned	Green	GN - Replace Slaker (1st of 8)						
Unassigned	Green	GN - Valve Operator Limitorque SMB 000 MOV					6,000	
Unassigned	Green	GN - Valve Operator Limitorque type 11 manual					6,000	
Unassigned	Green	G1 - C/T Cell Structure and Fill Replacement (3 cells)			736,000			
Unassigned	Green	G1 - C/T Deck (3 Cells only)			190,000			
Unassigned	Green	G1 - C/T Water Deck Replacement (3 Cells)			190,000			
Unassigned	Green	G1 - Cold Reheat hangers (3 Sets)	0		50,000			
Unassigned	Green	G1 - Hot Reheat hangers (3 Sets)	0		50,000			
Unassigned	Green	G1 - Main Steam Hangers (3 sets)	0		50,000			
Unassigned	Green	G1 - Air Heater Gas Outlet Exp Joints			150,000			
Unassigned	Green	Green 1&2 FGD Rehab			500,000	1,010,454	500,000	750,000
Unassigned	Green	GN - 6" Diesel Pump					50,000	
Unassigned	Green	GN - Clarifier Sludge Pumps (2)					35,000	

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GROSS CAPITAL

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CENTRAL MACHINE SHOP									
Unassigned	CMS	75 Ton Press							15,000
Unassigned	CMS	36" Vertical Band Saw							10,000
Unassigned	CMS	36" 4-Jaw Independent Chuck							8,500
Unassigned	CMS	External-Internal Tool Post Grinder							4,500
Unassigned	CMS	Keyway Broach Machine							25,000
Unassigned	CMS	Boring Mill							60,000
Unassigned	CMS	Plasma Arc Machine							7,500
									0
									0
Total CMS:			0	0	0	0	0	0	130,500
GREEN									
Unassigned	Green	G1 - Mill Gearbox			0				0
Unassigned	Green	GN - Capital Valves							100,000
Unassigned	Green	GN - Miscellaneous Capital Projects							100,000
Unassigned	Green	GN - Miscellaneous Safety							20,000
Unassigned	Green	GN - Plant Tools & Equipment							50,000
Unassigned	Green	GN - Replace Slaker (1st of 8)			200,000				200,000
Unassigned	Green	GN - Valve Operator Limitorque SMB 000 MOV							6,000
Unassigned	Green	GN - Valve Operator Limitorque type 1 manual							6,000
Unassigned	Green	G1 - C/T Cell Structure and Fill Replacement (3 cells)							736,000
Unassigned	Green	G1 - C/T Deck (3 Cells only)							190,000
Unassigned	Green	G1 - C/T Water Deck Replacement (3 Cells)							190,000
Unassigned	Green	G1 - Cold Reheat hangers (3 Sets)							50,000
Unassigned	Green	G1 - Hot Reheat hangers (3 Sets)							50,000
Unassigned	Green	G1 - Main Steam Hangers (3 sets)							50,000
Unassigned	Green	G1 - Air Heater Gas Outlet Exp Joints							150,000
Unassigned	Green	Green 1&2 FGD Rehab							2,760,454
Unassigned	Green	GN - 6" Diesel Pump							50,000
Unassigned	Green	GN - Clarifier Sludge Pumps (2)							35,000

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Unassigned	Green	GN - Rpl Caustic Pumping System					200,000	
Unassigned	Green	GN - Carrydeck Crane			250,000			
Unassigned	Green	GN - Landfill Downdrains						20,000
Unassigned	Green	GN - Office Bldg Hot Water Boiler						
Unassigned	Green	GN - Automatic Electronic Defibrillator (1)				3,000		
Unassigned	Green	GN - Fire extinguisher- Roll Cart type			2,500			
Unassigned	Green	G2 - USS Transformer						
Unassigned	Green	GN - Control Room Chiller						150,000
Unassigned	Green	GN - Control Room Lighting						
Unassigned	Green	GN - Gaitronic Phone System						500,000
Unassigned	Green	GN - IK IR Sootblower Starter Panels					175,000	
Unassigned	Green	GN - Office Bldg Chiller						
Unassigned	Green	GN - Rpl 4160v Breakers (4)					60,000	
Unassigned	Green	GN - Rpl 480v Breakers (8)					60,000	
Unassigned	Green	G1 - Station Inverter			100,000			
Unassigned	Green	G1 - Precip Repair			386,425	386,425	386,425	
Unassigned	Green	GN - 1 & 2 Slaker Controls						200,000
Unassigned	Green	G1 - Bottom Ash Doghouses (2 & 3 of 4)					150,000	
Unassigned	Green	GN - FGD Rehab / Chemical Resistant Coating						
Unassigned	Green	G1 - Re-tube #5 High Pressure Heater						
Unassigned	Green	GN - Paint Boiler and Precip						
Unassigned	Green	G1 - Secondary Air Damper Controls					30,000	
Unassigned	Green	GN - Calibration Equipment						12,000
Unassigned	Green	GN - CO3A & CO3B Filter Cake Scales						20,000
Unassigned	Green	GN - Additive Feed Pump 2 of 4						
Unassigned	Green	GN - Additive Supply Pump 2 of 4						
Unassigned	Green	GN - IU Filtrate Feed Pump 1 of 3						
Unassigned	Green	GN - IU Filtrate Return Pump 1 of 2						
Unassigned	Green	GN - 1D Coal Chute impact areas						
Unassigned	Green	GN - 2D Coal Chute impact areas						
Unassigned	Green	GN - Conveyor Belts						
Unassigned	Green	GN - Reclaim Feeder (3 & 4 of 8)						90,000
Unassigned	Green	G1 - Precip Outlet Nozzle	300,000	500,000	500,000			200,000
Unassigned	Green	GN - Drager Air Monitor						15,000
Unassigned	Green	GN - M.S.A. Ammonia Monitor (Detector)						

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Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	Green	GN - Rpl Caustic Pumping System							200,000
Unassigned	Green	GN - Carrydeck Crane							250,000
Unassigned	Green	GN - Landfill Downdrains							20,000
Unassigned	Green	GN - Office Bldg Hot Water Boiler			300,000				300,000
Unassigned	Green	GN - Automatic Electronic Defibrillator (1)							3,000
Unassigned	Green	GN - Fire extinguisher- Roll Cart type							2,500
Unassigned	Green	G2 - USS Transformer			100,000				100,000
Unassigned	Green	GN - Control Room Chiller							150,000
Unassigned	Green	GN - Control Room Lighting	50,000						50,000
Unassigned	Green	GN - Gaitronic Phone System	500,000						1,000,000
Unassigned	Green	GN - IK IR Sootblower Starter Panels							175,000
Unassigned	Green	GN - Office Bldg Chiller	275,000						275,000
Unassigned	Green	GN - Rpl 4160v Breakers (4)							60,000
Unassigned	Green	GN - Rpl 480v Breakers (8)							60,000
Unassigned	Green	G1 - Station Inverter							100,000
Unassigned	Green	G1 - Precip Repair							1,159,275
Unassigned	Green	GN - 1 & 2 Slaker Controls							200,000
Unassigned	Green	G1 - Bottom Ash Doghouses (2 & 3 of 4)							150,000
Unassigned	Green	GN - FGD Rehab / Chemical Resistant Coating	650,000	700,000	316,966				1,666,966
Unassigned	Green	G1 - Re-tube #5 High Pressure Heater	425,000	425,000					850,000
Unassigned	Green	GN - Paint Boiler and Precip	287,500	287,500	287,500	287,500			1,150,000
Unassigned	Green	G1 - Secondary Air Damper Controls							30,000
Unassigned	Green	GN - Calibration Equipment							12,000
Unassigned	Green	GN - CO3A & CO3B Filter Cake Scales							20,000
Unassigned	Green	GN - Additive Feed Pump 2 of 4		50,000					50,000
Unassigned	Green	GN - Additive Supply Pump 2 of 4		50,000					50,000
Unassigned	Green	GN - IU Filtrate Feed Pump 1 of 3		45,000					45,000
Unassigned	Green	GN - IU Filtrate Return Pump 1 of 2		15,000					15,000
Unassigned	Green	GN - 1D Coal Chute impact areas	202,000						202,000
Unassigned	Green	GN - 2D Coal Chute impact areas	202,000						202,000
Unassigned	Green	GN - Conveyor Belts							90,000
Unassigned	Green	GN - Reclaim Feeder (3 & 4 of 8)	200,000						400,000
Unassigned	Green	G1 - Precip Outlet Nozzle							1,300,000
Unassigned	Green	GN - Drager Air Monitor							15,000
Unassigned	Green	GN - M.S.A. Ammonia Monitor (Detector)		6,000					6,000

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Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	Green	GN - Portable Gas Analyzer						
Unassigned	Green	GN - Conductor NT Client Licenses				16,000		
Unassigned	Green	GN - DCS Large Screen Monitors LCD				10,000		
Unassigned	Green	GN - DCS Servers/Client Computer & Monitors						
Unassigned	Green	G1 - DCS Firmware Upgrade				75,000		
Unassigned	Green	GN - Control Room Consoles				125,000		
Unassigned	Green	G1 - Communication Controller Upgrades				75,000		
Unassigned	Green	G1 - Ash Clinker Grinder (2)					120,000	
Unassigned	Green	G1 - Service Water Line Underground replacement					45,000	
Unassigned	Green	G1 - B Reaction Tank Agitator Gearbox					100,000	
Unassigned	Green	GN - Condensor Dog Bone Expansion Joint					25,000	
Unassigned	Green	GN - Crusher Tower Hoist					60,000	
Unassigned	Green	GN - Fire Water Deluges (12 - 6" CT)						5,000
Unassigned	Green	GN - Recycle Pumphouse Sump Pumps						100,000
Unassigned	Green	GN - Replace Fire Water Piping						
Unassigned	Green	GN - River Water Makeup Pump 3 of 3						
Unassigned	Green	G1 - OFA Jordan Drives (20 per Unit)					200,000	
Unassigned	Green	GN - Replace G1 CCW heat Exchangers (2 Total)	250,000					
Unassigned	Green	G1 - CEM Umbilical					60,000	
Total Green			820,000	500,000	3,154,925	1,700,879	2,268,425	2,062,000

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	Green	GN - Portable Gas Analyzer		12,500					12,500
Unassigned	Green	GN - Conductor NT Client Licenses							16,000
Unassigned	Green	GN - DCS Large Screen Monitors LCD							10,000
Unassigned	Green	GN - DCS Servers/Client Computer & Monitors				20,000			20,000
Unassigned	Green	G1 - DCS Firmware Upgrade							75,000
Unassigned	Green	GN - Control Room Consoles							125,000
Unassigned	Green	G1 - Communication Controller Upgrades							75,000
Unassigned	Green	G1 - Ash Clinker Grinder (2)							120,000
Unassigned	Green	G1 - Service Water Line Underground replacement		150,000					150,000
Unassigned	Green	G1 - B Reaction Tank Agitator Gearbox							45,000
Unassigned	Green	GN - Condensor Dog Bone Expansion Joint							100,000
Unassigned	Green	GN - Crusher Tower Hoist							25,000
Unassigned	Green	GN - Fire Water Deluges (12 - 6" CT)							60,000
Unassigned	Green	GN - Recycle Pumphouse Sump Pumps							5,000
Unassigned	Green	GN - Replace Fire Water Piping							100,000
Unassigned	Green	GN - River Water Makeup Pump 3 of 3			225,000				225,000
Unassigned	Green	G1 - OFA Jordan Drives (20 per Unit)							200,000
Unassigned	Green	GN - Replace G1 CCW heat Exchangers (2 Total)							250,000
Unassigned	Green	G1 - CEM Umbilical							60,000
									0
									0
Total Green			2,791,500	1,741,000	1,429,466	307,500	0	0	16,775,695

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<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
RD, GT, SII, R/SII, & R/G/SII								
Unassigned	G/SII	GH - Rpl 1978 Cat 627 Scraper (with used)						
Unassigned	R/G/SII	RGH - HEPA Air Machines (2)				700,000		
Unassigned	R/G/SII	RGH - Self Contained Breathing Appr (SCBA) (6)						5,000
Unassigned	R/G/SII	RGH - Original Coal Pile RunOff Pumps & Pond upgrade			266,000			15,000
Unassigned	R/G/SII	RGH - Truck Scales Computer System				40,000		
Unassigned	R/G/SII	RGH - Rpl Auger Sampler			320,000			
Unassigned	R/G/SII	RGH - Rpl Screen pumps (2)						
Unassigned	R/G/SII	RGH - Fiber Cable Test Equipment						36,000
Unassigned	SII	H0 - NEMS NOx Analyzers (Qty 4)		50,400				
Unassigned	SII	H1 - Catalyst Regen				742,000		
Unassigned	SII	H2 - Rpl AH Steam Coils (2)				22,000		
Unassigned	SII	H2 - Rpl Wallblowers (5-7 of 24) 3 total				55,000		
Unassigned	SII	H2 - Rpl Slag Grinders (2)				75,000		
Unassigned	SII	H2 - Economizer Outlet Expansion Joint			85,000			
Unassigned	SII	H2 - High Energy Piping Hangers			150,000			
Unassigned	SII	H2 - Cooling Tower Controls					113,000	
Unassigned	SII	H2 - Rpl Sootblowers (5-8 of 23) 3 total				120,000		
Unassigned	SII	H2 - Insulation & Lagging				200,000		
Unassigned	SII	H2 - Penthouse Floor				395,000		
Unassigned	SII	H2 - Rpl Cooling Tower D, E & F Cell Fill			600,000			
Unassigned	SII	H2 - Pulverizer Liners			700,000			
Unassigned	SII	H2 - SCR Catalyst Layer	950,000					
Unassigned	SII	H2 - Turbine Packing HP-IP Rows				200,000		
Unassigned	SII	H2 - Nozzle Overlay				100,000		
Unassigned	SII	H2 - Exciter				850,000		
Unassigned	SII	H2 - Blading Replacement L-0				1,000,000		
Unassigned	SII	H2 - Burner Replacement (CCV-DAZ)				2,200,000		
Unassigned	SII	H2 - Circulating Water Pump				250,000		
Unassigned	SII	H2 - PA Fan Assembly				285,310		
Unassigned	SII	H2 - Scanner Cooling Air Fans (2)				60,000		

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
RD, GT, SII, R/SII, & R/G/SII									
Unassigned	G/SII	GH - Rpl 1978 Cat 627 Scraper (with used)							700,000
Unassigned	R/G/SII	RGH - HEPA Air Machines (2)							5,000
Unassigned	R/G/SII	RGH - Self Contained Breathing Appr (SCBA) (6)							15,000
Unassigned	R/G/SII	RGH - Original Coal Pile RunOff Pumps & Pond upgrade							266,000
Unassigned	R/G/SII	RGH - Truck Scales Computer System							40,000
Unassigned	R/G/SII	RGH - Rpl Auger Sampler							320,000
Unassigned	R/G/SII	RGH - Rpl Screen pumps (2)							36,000
Unassigned	R/G/SII	RGH - Fiber Cable Test Equipment				40,000			40,000
Unassigned	SII	H0 - NEMS NOx Analyzers (Qty 4)							50,400
Unassigned	SII	H1 - Catalyst Regen							742,000
Unassigned	SII	H2 - Rpl AH Steam Coils (2)							22,000
Unassigned	SII	H2 - Rpl Wallblowers (5-7 of 24) 3 total							55,000
Unassigned	SII	H2 - Rpl Slag Grinders (2)							75,000
Unassigned	SII	H2 - Economizer Outlet Expansion Joint							85,000
Unassigned	SII	H2 - High Energy Piping Hangers							150,000
Unassigned	SII	H2 - Cooling Tower Controls							113,000
Unassigned	SII	H2 - Rpl Sootblowers (5-8 of 23) 3 total							120,000
Unassigned	SII	H2 - Insulation & Lagging							200,000
Unassigned	SII	H2 - Penthouse Floor							395,000
Unassigned	SII	H2 - Rpl Cooling Tower D, E & F Cell Fill							600,000
Unassigned	SII	H2 - Pulverizer Liners							700,000
Unassigned	SII	H2 - SCR Catalyst Layer							950,000
Unassigned	SII	H2 - Turbine Packing HP-IP Rows							200,000
Unassigned	SII	H2 - Nozzle Overlay							100,000
Unassigned	SII	H2 - Exciter							850,000
Unassigned	SII	H2 - Blading Replacement L-0							1,000,000
Unassigned	SII	H2 - Burner Replacement (CCV-DAZ)							2,200,000
Unassigned	SII	H2 - Circulating Water Pump							250,000
Unassigned	SII	H2 - PA Fan Assembly							285,310
Unassigned	SII	H2 - Scanner Cooling Air Fans (2)							60,000

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	SII	H2 - Bypass Stack Damper			400,000			
Unassigned	SII	H2 - Rpl Wet Bottom Seal Skirt (Includes Trough)			510,000			
Unassigned	SII	H2 - Rpl Wet Bottom Refractory			120,000			
Unassigned	SII	H2 - Refractory Cooling Water System			40,000			
Unassigned	SII	H2 - Barge Unloader Controls			87,800			
Unassigned	SII	H2 - P.A. Damper Drives (Qty 2)			33,400			
Unassigned	SII	H2 - DCS Server Replacement						
Unassigned	SII	H2 - O2 Probes (Qty 2)			28,100			
Unassigned	SII	H2 - Precipitator False Floor			415,000			
Unassigned	REID	R1 - Turbine Roof Replacement						162,000
Unassigned	R/SII	RH - Client & Monitors (DCS)						20,000
Unassigned	R/SII	RH - Clients & Monitors (PLC)				10,000		
Unassigned	R/SII	RH - Barge Unloader Bucket						70,000
Unassigned	R/SII	RH - Electric Conduit Bender						
Unassigned	R/SII	RH - Gas Welder						7,000
Unassigned	R/SII	RH - Misc Capital Projects				25,000		25,000
Unassigned	R/SII	RH - Misc Capital Valves			25,000		25,000	
Unassigned	R/SII	RH - Misc Conveyor Belts			30,000		20,000	
Unassigned	R/SII	RH - Misc Tools & Equipment			25,000			
Unassigned	R/SII	RH - Misc Safety			10,000			
Unassigned	R/SII	RH - Rpl Bldg. Steam Water Unit Heaters						
Unassigned	R/SII	RH - 480 Volt Welders (Qty 2)						6,000
Unassigned								
Total RD, GT, SII, R/SII, & R/G/SII			950,000	0	8,841,010	2,384,000	158,000	346,000

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GROSS CAPITAL

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Unassigned	SII	H2 - Bypass Stack Damper							400,000
Unassigned	SII	H2 - Rpl Wet Bottom Seal Skirt (Includes Trough)							510,000
Unassigned	SII	H2 - Rpl Wet Bottom Refractory							120,000
Unassigned	SII	H2 - Refractory Cooling Water System							40,000
Unassigned	SII	H2 - Barge Unloader Controls							87,800
Unassigned	SII	H2 - P.A. Damper Drives (Qty 2)							33,400
Unassigned	SII	H2 - DCS Server Replacement				20,000			20,000
Unassigned	SII	H2 - O2 Probes (Qty 2)							28,100
Unassigned	SII	H2 - Precipitator False Floor							415,000
Unassigned	REID	R1 - Turbine Roof Replacement							162,000
Unassigned	R/SII	RH - Client & Monitors (DCS)							20,000
Unassigned	R/SII	RH - Clients & Monitors (PLC)		10,000					20,000
Unassigned	R/SII	RH - Barge Unloader Bucket							70,000
Unassigned	R/SII	RH - Electric Conduit Bender		8,000					8,000
Unassigned	R/SII	RH - Gas Welder							7,000
Unassigned	R/SII	RH - Misc Capital Projects	50,000						100,000
Unassigned	R/SII	RH - Misc Capital Valves		25,000		25,000			100,000
Unassigned	R/SII	RH - Misc Conveyor Belts		20,000		20,000			90,000
Unassigned	R/SII	RH - Misc Tools & Equipment	25,000						50,000
Unassigned	R/SII	RH - Misc Safety	10,000						20,000
Unassigned	R/SII	RH - Rpl Bldg. Steam Water Unit Heaters			20,000				20,000
Unassigned	R/SII	RH - 480 Volt Welders (Qty 2)							6,000
Unassigned									0
Total RD, GT, SII, R/SII, & R/G/SII			85,000	63,000	60,000	65,000	0	0	12,952,010

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GROSS CAPITAL

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WILSON								
Unassigned	WL	Misc. Safety Equipment					10,000	
Unassigned	WL	Misc. Tools				20,000		
Unassigned	WL	Misc. Capital			25,000			25,000
Unassigned	WL	Capital Valves						
Unassigned	WL	Plasma Screens						10,000
Unassigned	WL	DCS Client Replacement						
Unassigned	WL	Truck Scales Hardware and Software						
Unassigned	WL	PLC system replacement (milestone pmt)						
Unassigned	WL	Replace lining systems in #1 and #3 Polisher						
Unassigned	WL	#2 Fly Ash Blower Replacement			30,000	45,000		
Unassigned	WL	East and West Precipitator HVAC Replacements					75,000	
Unassigned	WL	Remaining BTG Board Control Switches into DCS (Milestone Payment)						
Unassigned	WL	Sootblower Replacements (IK5 & IK56)			40,000	60,000		
Unassigned	WL	Expansion joints						
Unassigned	WL	Replace MFP's with BRC 400 controllers (Combustion Controls)						
Unassigned	WL	FGD & Ball Mill Control System Replacement Milestone Payment						
Unassigned	WL	Drag Chain replacement						
Unassigned	WL	A Platen Superheater milestone replacement						
Unassigned	WL	Replace Liner in #2 Make Up Clarifier				100,000	100,000	
Unassigned	WL	Replace roofing systems on boiler building						238,000
Unassigned	WL	Sewage Treatment Plant		100,000	120,000			
Unassigned	WL	Conveyor Coating				100,000	100,000	50,000
Unassigned	WL	Transfer Tower Coating					100,000	100,000

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GROSS CAPITAL

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WILSON									
Unassigned	WL	Misc. Safety Equipment		10,000					20,000
Unassigned	WL	Misc. Tools	15,000		15,000				50,000
Unassigned	WL	Misc. Capital			25,000			25,000	100,000
Unassigned	WL	Capital Valves				100,000			100,000
Unassigned	WL	Plasma Screens							10,000
Unassigned	WL	DCS Client Replacement	15,000						15,000
Unassigned	WL	Truck Scales Hardware and Software	20,000						20,000
Unassigned	WL	PLC system replacement (milestone pmt)		26,000					26,000
Unassigned	WL	Replace lining systems in #1 and #3 Polisher				50,000			50,000
Unassigned	WL	#2 Fly Ash Blower Replacement							75,000
Unassigned	WL	East and West Precipitator HVAC Replacements							75,000
Unassigned	WL	Remaining BTG Board Control Switches into DCS (Milestone Payment)				100,000			100,000
Unassigned	WL	Sootblower Replacements (IK5 & IK56)							100,000
Unassigned	WL	Expansion joints				150,000			150,000
Unassigned	WL	Replace MFP's with BRC 400 controllers (Combustion Controls)				150,000			150,000
Unassigned	WL	FGD & Ball Mill Control System Replacement Milestone Payment		150,000					150,000
Unassigned	WL	Drag Chain replacement				175,000			175,000
Unassigned	WL	A Platen Superheater milestone replacement		200,000					200,000
Unassigned	WL	Replace Liner in #2 Make Up Clarifier							200,000
Unassigned	WL	Replace roofing systems on boiler building							238,000
Unassigned	WL	Sewage Treatment Plant							220,000
Unassigned	WL	Conveyor Coating							250,000
Unassigned	WL	Transfer Tower Coating	85,000						285,000

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Unassigned	WL	FGD & Ball Mill Coating						
Unassigned	WL	Replace Boiler Bldg Unit Sub Station (11B1)						
Unassigned	WL	CSI Coating				50,000	100,000	200,000
Unassigned	WL	Conveyor Belt Replacement (7-1, 7-2)					100,000	250,000
Unassigned	WL	Catalyst Regeneration (Regen 1 Layer)						
Unassigned	WL	Replace D9H Dozer (1978 Vintage) with a D8T	1,100,000					
Unassigned	WL	Burner Replacement (2014 Milestone Payment)						
Total Wilson			1,100,000	100,000	215,000	375,000	585,000	873,000
Total			3,504,190	2,132,759	25,055,665	5,752,021	5,563,148	5,322,031

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	WL	FGD & Ball Mill Coating	100,000	100,000	130,000				330,000
Unassigned	WL	Replace Boiler Bldg Unit Sub Station (11B1)				175,000	175,000		350,000
Unassigned	WL	CSI Coating	100,000						450,000
Unassigned	WL	Conveyor Belt Replacement (7-1, 7-2)	150,000						500,000
Unassigned	WL	Catalyst Regeneration (Regen 1 Layer)			700,000				700,000
Unassigned	WL	Replace D9H Dozer (1978 Vintage) with a D8T							1,100,000
Unassigned	WL	Burner Replacement (2014 Milestone Payment)		2,500,000					2,500,000
									0
									0
Total Wilson			485,000	2,986,000	870,000	900,000	175,000	25,000	8,689,000
Total			4,444,248	5,973,105	3,261,079	2,157,781	612,559	199,711	63,978,297

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2014
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
ADMINISTRATIVE								
Unassigned	Env	Miscellaneous Air Monitoring Replacements			50,000			
Unassigned	Env	Replace Mercury Analyzer			50,000			
Unassigned	Env	Replace Microwave Digestor				45,000		
Unassigned	Env	Replace CHN Analyzer				100,000		
Unassigned	Env	TEM trailer				100,000		
Unassigned	Env	HAPs and Transport Rule Monitors*						2,500,000
Unassigned	0170	HR - Rpl #312 - Pool Vehicle		24,000				
Unassigned	0170	GN - Rpl S41 - 1991 Black Ford 1/2 Ton		18,000				
Unassigned	0170	RH - Rpl S2 - 1998 Black Ford F150		20,000				
Unassigned	0170	IT - Rpl '06 Gold Van				25,000		
Unassigned	0170	WL - Rpl Plant Vehicles (2 MM Svce Bodies)(1 Ton)		50,000				
Unassigned	0170	TRAN - Rpl #293 - Diesel 3/4 ton 4x4 Truck		40,000				
Total Administrative			0	152,000	100,000	270,000	0	2,500,000
IT								
Unassigned	300	Replace PC's, Laptops, Printers		10,000	20,000	30,000	30,000	30,000
Unassigned	300	Replace Data Centers Servers (HQ and DR center)				50,000		50,000
Unassigned	300	CIP's Compliance - HMPL				25,000		
Unassigned	300	CIP's Compliance - Green				25,000		
Unassigned	300	CIP's Compliance - Coleman				25,000		
Unassigned	300	CIP's Compliance - Wilson				25,000		
Unassigned	300	Replace Energy Control's laser printer					3,000	
Unassigned	300	Replace UPS in DR center						
Unassigned	302	Replace Coop/BREC hardware/software/upgrade GIS			20,000	20,000	20,000	20,000
Unassigned	302	Replace Coop laserFiche Audiotele		2,000				
Unassigned	302	Software Tools						
Unassigned	302	iSeries replacement - Big Rivers - CPU, backup media, console						
Unassigned	302	Replace High speed Printers @ JP & MC						
Unassigned	302	replacement - Big Rivers - CPU, backup media, console						
Total IT			0	12,000	40,000	200,000	53,000	100,000

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**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

			GROSS CAPITAL						
<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
ADMINISTRATIVE									
Unassigned	Env	Miscellaneous Air Monitoring Replacements							50,000
Unassigned	Env	Replace Mercury Analyzer							50,000
Unassigned	Env	Replace Microwave Digestor							45,000
Unassigned	Env	Replace CHN Analyzer							100,000
Unassigned	Env	TEM trailer							100,000
Unassigned	Env	HAPs and Transport Rule Monitors*	2,500,000						5,000,000
Unassigned	0170	HR - Rpl #312 - Pool Vehicle							24,000
Unassigned	0170	GN - Rpl S41 - 1991 Black Ford 1/2 Ton							18,000
Unassigned	0170	RH - Rpl S2 - 1998 Black Ford F150							20,000
Unassigned	0170	IT - Rpl '06 Gold Van							25,000
Unassigned	0170	WL - Rpl Plant Vehicles (2 MM Svce Bodies)(1 Ton)							50,000
Unassigned	0170	TRAN - Rpl #293 - Diesel 3/4 ton 4x4 Truck							40,000
Total Administrative			2,500,000	0	0	0	0	0	5,522,000
IT									
Unassigned	300	Replace PC's, Laptops, Printers	30,000	30,000	20,000	20,000			220,000
Unassigned	300	Replace Data Centers Servers (HQ and DR center)		50,000	175,000				325,000
Unassigned	300	CIP's Compliance - HMPL							25,000
Unassigned	300	CIP's Compliance - Green							25,000
Unassigned	300	CIP's Compliance - Coleman							25,000
Unassigned	300	CIP's Compliance - Wilson							25,000
Unassigned	300	Replace Energy Control's laser printer							3,000
Unassigned	300	Replace UPS in DR center	60,000						60,000
Unassigned	302	Replace Coop/BREC hardware/software/upgrade GIS	20,000	20,000	20,000	20,000	5,000		165,000
Unassigned	302	Replace Coop laserFiche Audiotel							2,000
Unassigned	302	Software Tools			10,000				10,000
Unassigned	302	iSeries replacement - Big Rivers - CPU, backup media, console	60,000						60,000
Unassigned	302	Replace High speed Printers @ JP & MC							24,000
Unassigned	302	replacement - Big Rivers - CPU, backup media, console	24,000						24,000
Total IT			194,000	100,000	225,000	40,000	5,000	0	969,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2014
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
TRANSMISSION								
W9000000	420	Hardinsburg - 161 kV Ring Bus Renovation	455,129	5,861	5,129	3,663	2,931	5,397
W9010000	420	Wilson EHV - 161 kV Line Terminal for 19-F	16,000	0	0	0	0	0
W9560000	420	7-B Tap to Paradise 161 kV Line Reconductor	2,437	2,437	6,518	11,980	8,506	1,217
W9650000	420	Paradise 161 kV Line Terminal Upgrade	27,183	27,183	92,696	88,338	32,571	7,590
2014 POLES	420	Pole Change Outs	60,453	60,453	60,453	60,453	60,453	60,453
Unassigned	420	(5) RTU Replacements	1,465	31,465	6,399	32,198	7,864	32,931
Unassigned	420	Capital Tool Replacements	0	0	0	0	1,000	0
Unassigned	420	Caterpillar Dozer Replacement	0	0	0	0	0	0
Unassigned	420	Go-Track Replacement	0	0	0	0	0	0
Unassigned	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0
Unassigned	420	Hydraulic Pump and Press Replacements	0	0	3,500	0	0	0
Unassigned	420	On-line DGA Monitoring for REHV Transformers	0	0	0	0	84,000	0
Unassigned	420	Portable Generator Replacements	0	0	0	900	0	0
Unassigned	420	Replace Hopkins Co. Substation Battery and Charger	0	0	0	0	0	28,000
Unassigned	420	Replace Skillman Substation Battery and Charger	0	0	0	0	0	28,000
Unassigned	420	Replace Sub Disconnects Switches	0	0	0	33,770	33,770	8,770
Unassigned	420	Replace Substation Security Fence	0	0	0	27,830	0	0
Unassigned	420	Replacement A/C Units	0	0	0	0	4,000	4,000
Unassigned	420	Substation Gravel	0	0	22,000	0	0	0
Unassigned	420	Cumberland-Caldwell Springs Tap 69 kV Line	53,663	99,080	103,239	152,506	151,774	153,856
Unassigned	420	EMS Comm Conversion to DNP 3.0	0	0	0	0	0	0
Unassigned	420	HMP&L 6 Tap Switching Structure	0	1,465	1,465	0	0	0
Unassigned	420	MCRECC Substation 3 mile 69 kV Line	0	0	0	4,396	8,663	7,931
Unassigned	420	Modifications to (4) 161 kV Capacitor Banks	1,380,000	0	2,467	4,665	5,397	2,931
Unassigned	420	Kenergy Highland Substation 0.8 mi. 69 kV Line	0	0	0	2,198	2,198	1,465
Unassigned	420	JP Maxon Substation 0.3 mi. 69 kV Line	0	0	0	0	0	0
Unassigned	420	Capitalized Interest	6,829	15,287	19,758	29,197	62,623	88,677
Total TRANSMISSION			2,003,159	243,231	326,124	452,094	465,750	431,218

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Capital Expenditures Budget for 2014
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
TRANSMISSION									
W9000000	420	Hardinsburg - 161 kV Ring Bus Renovation	6,863	8,212	8,212	5,129	4,396	3,663	514,585
W9010000	420	Wilson EHV - 161 kV Line Terminal for 19-F	0	0	0	0	0	0	16,000
W9560000	420	7-B Tap to Paradise 161 kV Line Reconductor	1,470	870	358	0	0	0	35,792
W9650000	420	Paradise 161 kV Line Terminal Upgrade	11,650	2,029	477	0	0	0	289,718
2014 POLES	420	Pole Change Outs	60,453	60,453	60,453	37,119	0	0	581,196
Unassigned	420	(5) RTU Replacements	7,131	32,198	10,599	30,733	10,599	0	203,582
Unassigned	420	Capital Tool Replacements	0	0	1,000	0	0	0	2,000
Unassigned	420	Caterpillar Dozer Replacement	0	0	0	300,000	0	0	300,000
Unassigned	420	Go-Track Replacement	0	0	500,000	0	0	0	500,000
Unassigned	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0	5,000
Unassigned	420	Hydraulic Pump and Press Replacements	0	0	0	0	0	0	3,500
Unassigned	420	On-line DGA Monitoring for REHV Transformers	0	0	0	0	0	0	84,000
Unassigned	420	Portable Generator Replacements	0	0	900	0	0	0	1,800
Unassigned	420	Replace Hopkins Co. Substation Battery and Charger	0	0	0	0	0	0	28,000
Unassigned	420	Replace Skillman Substation Battery and Charger	0	0	0	0	0	0	28,000
Unassigned	420	Replace Sub Disconnects Switches	33,770	33,770	33,770	47,380	25,000	0	250,000
Unassigned	420	Replace Substation Security Fence	0	0	0	0	0	0	27,830
Unassigned	420	Replacement A/C Units	4,000	4,000	0	0	0	0	16,000
Unassigned	420	Substation Gravel	0	0	0	0	0	0	22,000
Unassigned	420	Cumberland-Caldwell Springs Tap 69 kV Line	14,396	13,663	1,465	1,465	733	733	746,573
Unassigned	420	EMS Comm Conversion to DNP 3.0	0	11,233	11,233	11,233	10,000	0	43,699
Unassigned	420	HMP&L 6 Tap Switching Structure	0	6,167	61,033	0	0	0	70,130
Unassigned	420	MCRECC Substation 3 mile 69 kV Line	12,198	12,198	12,198	12,931	2,931	3,663	77,109
Unassigned	420	Modifications to (4) 161 kV Capacitor Banks	1,465	1,465	1,465	0	0	0	1,399,855
Unassigned	420	Kenergy Highland Substation 0.8 mi. 69 kV Line	1,465	2,198	2,198	2,198	2,198	2,198	18,316
Unassigned	420	JP Maxon Substation 0.3 mi. 69 kV Line	0	0	0	733	733	733	2,199
Unassigned	420	Capitalized Interest	99,446	20,332	29,849	64,343	63,385	63,469	563,195
Total TRANSMISSION			254,307	208,788	737,710	513,264	119,975	74,459	5,830,079

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2014
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
COLEMAN								
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500
Unassigned	CL	Misc. Safety Equipment					10,000	
Unassigned	CL	Misc. Capital Projects			12,500			12,500
Unassigned	CL	Capital Valve Replacement			25,000			25,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500
Unassigned	CL	Gypsum Storage Retaining Wall						
Unassigned	CL	Dozer		1,000,000				
Unassigned	CL	WWTF Dike Elevation						500,000
Unassigned	CL	Limestone Conveyor Enclosure						80,000
Unassigned	CL	4160 to 480 step down transformer						
Unassigned	CL	All terrain fork truck		125,000				
Unassigned	CL	Ash Sluice Pump						
Unassigned	CL	CL Limitorque Drive Replacement					50,000	
Unassigned	CL	Crusher Feeder Replacement				100,000		
Unassigned	CL	Coal Sampling System						
Unassigned	CL	Conveyor Belt Replacement					60,000	
Unassigned	CL	Hopper Heaters for Barge Unloader	100,000					
Unassigned	CL	New Lab						100,000
Unassigned	CL	Outer Loop Fire Water Replacement						100,000
Unassigned	CL	Replacement pH Meters						45,000
Unassigned	CL	C-2 #6 Feedwater Heater Tube Bundle Replacement						
Unassigned	CL	C-3 B Circulating Water Pump						
Unassigned	CL	C-3 B Circulating Water Pump Column						
Unassigned	CL	C-2 A Traveling Water Screen Replacement					160,000	
Unassigned	CL	C-1 3-4 Start Up Switchgear						

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**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
COLEMAN									
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500	50,000
Unassigned	CL	Misc. Safety Equipment		10,000					20,000
Unassigned	CL	Misc. Capital Projects			12,500			12,500	50,000
Unassigned	CL	Capital Valve Replacement			25,000			25,000	100,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500	50,000
Unassigned	CL	Gypsum Storage Retaining Wall	125,000	125,000					250,000
Unassigned	CL	Dozer							1,000,000
Unassigned	CL	WWTF Dike Elevation	500,000	500,000	500,000				2,000,000
Unassigned	CL	Limestone Conveyor Enclosure	160,000	160,000					320,000
Unassigned	CL	4160 to 480 step down transformer							80,000
Unassigned	CL	All terrain fork truck							125,000
Unassigned	CL	Ash Sluice Pump		150,000					150,000
Unassigned	CL	CL Limitorque Drive Replacement							50,000
Unassigned	CL	Crusher Feeder Replacement							100,000
Unassigned	CL	Coal Sampling System			200,000	200,000			400,000
Unassigned	CL	Conveyor Belt Replacement			60,000				120,000
Unassigned	CL	Hopper Heaters for Barge Unloader							100,000
Unassigned	CL	New Lab	100,000	100,000	100,000				400,000
Unassigned	CL	Outer Loop Fire Water Replacement	100,000	100,000	100,000	100,000			500,000
Unassigned	CL	Replacement pH Meters							45,000
Unassigned	CL	C-2 #6 Feedwater Heater Tube Bundle Replacement	550,000						550,000
Unassigned	CL	C-3 B Circulating Water Pump	225,000						225,000
Unassigned	CL	C-3 B Circulating Water Pump Column	225,000						225,000
Unassigned	CL	C-2 A Traveling Water Screen Replacement							160,000
Unassigned	CL	C-1 3-4 Start Up Switchgear	300,000	300,000					600,000

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	CL	C-1 Air Registers Drives					220,000	
Unassigned	CL	C-1 Boiler Expansion Joint Replacement					250,000	
Unassigned	CL	C-1 Boiler Insulation					250,000	
Unassigned	CL	C-1 Boiler penthouse casing					200,000	
Unassigned	CL	C-1 Boiler seal air piping replacement					150,000	
Unassigned	CL	C-1 Boiler Tube Weld Overlay					1,250,000	
Unassigned	CL	C-1 Burner Replacement (8)					1,200,000	
Unassigned	CL	C-1 CO Monitors					125,000	
Unassigned	CL	C-1 Primary Superheater					2,000,000	
Unassigned	CL	C-1 Replace DCS Communication Modules					150,000	
Unassigned	CL	C-1 Slag Grinder Replacement					150,000	
Unassigned	CL	C-1 Sootblower Replacements					100,000	
Unassigned	CL	C-1 Steam Coil Replacement					200,000	
Unassigned	CL	C-1 Burner Scanners						130,000
Unassigned	CL	C-1 Bypass Stack CEMs Analyzer & Umbilical Cable Replacement						140,000
Unassigned	CL	C-1 Protective Relay Replacement					150,000	
Unassigned	CL	C-1 ROFA Damper Drives						160,000
Unassigned	CL	C-1 Burner Air Register Drives					200,000	
Unassigned	CL	C-1 480V Buss Replacement						
Unassigned	CL	C-1 Rpl 4160 V Motors (1A Condensate Pmp & 1A Mill)						225,000
Unassigned	CL	C-1 Booster Fan Blades						285,000
Unassigned	CL	C-1 Rpl DCS Communication Modules CH						75,000
Unassigned								
Total Coleman			100,000	1,125,000	62,500	100,000	6,875,000	1,902,500

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2014
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	CL	C-1 Air Registers Drives							220,000
Unassigned	CL	C-1 Boiler Expansion Joint Replacement							250,000
Unassigned	CL	C-1 Boiler Insulation							250,000
Unassigned	CL	C-1 Boiler penthouse casing							200,000
Unassigned	CL	C-1 Boiler seal air piping replacement							150,000
Unassigned	CL	C-1 Boiler Tube Weld Overlay							1,250,000
Unassigned	CL	C-1 Burner Replacement (8)							1,200,000
Unassigned	CL	C-1 CO Monitors							125,000
Unassigned	CL	C-1 Primary Superheater							2,000,000
Unassigned	CL	C-1 Replace DCS Communication Modules							150,000
Unassigned	CL	C-1 Slag Grinder Replacement							150,000
Unassigned	CL	C-1 Sootblower Replacements		100,000					200,000
Unassigned	CL	C-1 Steam Coil Replacement							200,000
Unassigned	CL	C-1 Burner Scanners							130,000
Unassigned	CL	C-1 Bypass Stack CEMs Analyzer & Umbilical Cable Replacement							140,000
Unassigned	CL	C-1 Protective Relay Replacement							150,000
Unassigned	CL	C-1 ROFA Damper Drives							160,000
Unassigned	CL	C-1 Burner Air Register Drives							200,000
Unassigned	CL	C-1 480V Buss Replacement							200,000
Unassigned	CL	C-1 Rpl 4160 V Motors (1A Condensate Pmp & 1A Mill)		100,000	100,000				200,000
Unassigned	CL	C-1 Rpl 4160 V Motors (1A Condensate Pmp & 1A Mill)							225,000
Unassigned	CL	C-1 Booster Fan Blades							285,000
Unassigned	CL	C-1 Rpl DCS Communication Modules CH							75,000
Unassigned									0
Total Coleman			2,285,000	1,645,000	1,122,500	300,000	0	62,500	15,580,000

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
CENTRAL MACHINE SHOP								
Unassigned	CMS	New Water Jet Table			88,000			
Unassigned	CMS	2-Ton Gantry Crane Over Steel Area			10,000			
Unassigned	CMS	Large Hydraulic Bearing Puller			13,000			
Unassigned	CMS	New 21" Lathe to Replace 19" Lathe			60,000			
Total CMS:			0	0	171,000	0	0	0
GREEN								
Unassigned	Green	GN - Plant Tools & Equipment	50,000					
Unassigned	Green	GN - Miscellaneous Capital Projects	100,000					
Unassigned	Green	GN - Miscellaneous Safety	20,000					
Unassigned	Green	GN - Capital Valves	100,000					
Unassigned	Green	G2 - Economizer Outlet Exp Joints					150,000	
Unassigned	Green	G1 - Cold Reheat hangers (3 Sets)					50,000	
Unassigned	Green	G1 - Main Steam Hangers (3 sets)					50,000	
Unassigned	Green	G1 - Hot Reheat hangers (3 Sets)					50,000	
Unassigned	Green	GN - Replace Slaker (2nd of 8)					220,000	
Unassigned	Green	G2 - Air Heater Gas Outlet Exp Joints					150,000	
Unassigned	Green	G2 - Mill Gearbox						0
Unassigned	Green	GN - Valve Operator Limitorque SMB 000 MOV					6,000	
Unassigned	Green	GN - Valve Operator Limitorque Type H Manual Operator					6,000	
Unassigned	Green	GN - Replace Additive Hold Tank (1st of 4)				150,000	150,000	
Unassigned	Green	G1 - B Service Water Pump						
Unassigned	Green	GN - Ash Sluice Pump 3 of 3						
Unassigned	Green	GN - Ash Seal Pump (3 of 3)						
Unassigned	Green	G2 - C/T Cell Structure and Fill Replacement (3 Cells)			368,000	368,000		
Unassigned	Green	G2 - C/T Water Deck Replacement (3 Cells Only)			95,000	95,000		
Unassigned	Green	G2 - C/T Deck (3 Cells only)			95,000	95,000		
Unassigned	Green	GN - Landfill Downdrains						20,000
Unassigned	Green	GN - Ieco TGA-701 Sulfate/Carbonate/moisture Analyzer				50,000		
Unassigned	Green	G1 - USS Transformer						
Unassigned	Green	GN - Rpl 4160v Breakers					50,000	

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
CENTRAL MACHINE SHOP									
Unassigned	CMS	New Water Jet Table							88,000
Unassigned	CMS	2-Ton Gantry Crane Over Steel Area							10,000
Unassigned	CMS	Large Hydraulic Bearing Puller							13,000
Unassigned	CMS	New 21" Lathe to Replace 19" Lathe							60,000
									0
Total CMS:			0	0	0	0	0	0	171,000
GREEN									
Unassigned	Green	GN - Plant Tools & Equipment							50,000
Unassigned	Green	GN - Miscellaneous Capital Projects							100,000
Unassigned	Green	GN - Miscellaneous Safety							20,000
Unassigned	Green	GN - Capital Valves							100,000
Unassigned	Green	G2 - Economizer Outlet Exp Joints							150,000
Unassigned	Green	G1 - Cold Reheat hangers (3 Sets)							50,000
Unassigned	Green	G1 - Main Steam Hangers (3 sets)							50,000
Unassigned	Green	G1 - Hot Reheat hangers (3 Sets)							50,000
Unassigned	Green	GN - Replace Slaker (2nd of 8)							220,000
Unassigned	Green	G2 - Air Heater Gas Outlet Exp Joints							150,000
Unassigned	Green	G2 - Mill Gearbox							0
Unassigned	Green	GN - Valve Operator Limitorque SMB 000 MOV							6,000
Unassigned	Green	GN - Valve Operator Limitorque Type H Manual Operator							6,000
Unassigned	Green	GN - Replace Additive Hold Tank (1st of 4)							300,000
Unassigned	Green	G1 - B Service Water Pump		40,000					40,000
Unassigned	Green	GN - Ash Sluice Pump 3 of 3		80,000	100,000				180,000
Unassigned	Green	GN - Ash Seal Pump (3 of 3)		50,000	75,000				125,000
Unassigned	Green	G2 - C/T Cell Structure and Fill Replacement (3 Cells)							736,000
Unassigned	Green	G2 - C/T Water Deck Replacement (3 Cells Only)							190,000
Unassigned	Green	G2 - C/T Deck (3 Cells only)							190,000
Unassigned	Green	GN - Landfill Downdrains							20,000
Unassigned	Green	GN - Ieco TGA-701 Sulfate/Carbonate/moisture Analyzer							50,000
Unassigned	Green	G1 - USS Transformer			100,000				100,000
Unassigned	Green	GN - Rpl 4160v Breakers							50,000

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**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	Green	GN - Rpl 480v Breakers					50,000	
Unassigned	Green	G2 - Rpl Precipitator Field				500,000	700,000	
Unassigned	Green	G1 - Scrubber Dupont SO2 Inlet and Outlet Monitor					100,000	
Unassigned	Green	FGD - USS Transformer						
Unassigned	Green	G2 - Station Inverter			100,000			
Unassigned	Green	GN - Fire Control Panel (Control Room)					500,000	
Unassigned	Green	GN - Upgrade CEMS Monitors					200,000	
Unassigned	Green	GN - FGD Rehab / Chemical Resistant Coating				411,925	411,925	411,925
Unassigned	Green	GN - Portable DGA Monitor for Transformers					50,000	
Unassigned	Green	GN - Portable Online Oil Dryer for Transformers					30,000	
Unassigned	Green	GN - Tractor & Bushhog					0	
Unassigned	Green	G2 - Upgrade Ignitors				500,000	750,000	
Unassigned	Green	G2 - Hot and Cold Air Damper Drives					120,000	
Unassigned	Green	G2 - Secondary Air Damper Drives					30,000	
Unassigned	Green	G2 - CEM Umbilical	60,000					
Unassigned	Green	G2 - O2 Probe Additions	132,000					
Unassigned	Green	GN - DCS UPS Backup Upgrade					80,000	
Unassigned	Green	GN - Conveyor Belts						80,000
Unassigned	Green	GN - Additive Feed Pump 3 of 4						
Unassigned	Green	GN - Additive Supply Pump 3 of 4						
Unassigned	Green	GN - Office Bldg HVAC System						
Unassigned	Green	GN - Reclaim Feeder (5 & 6 of 8)						
Unassigned	Green	G2 - Precip Outlet Duct	300,000	500,000	500,000			
Unassigned	Green	GN - Drager Air Monitor						15,000
Unassigned	Green	GN - Portable Gas Analyzer						
Unassigned	Green	GN - M.S.A. Ammonia Monitor (Detector)						
Unassigned	Green	GN - Pnuematic Air Wrench Right Angle	6,000					
Unassigned	Green	GN - 4" Portable Heavy Sump Pump	35,000					
Unassigned	Green	GN - DCS Servers/Client Computer & Monitors						
Unassigned	Green	GN - Conductor NT Client Licenses						
Unassigned	Green	GN - Upgrade CEM's & Reason Code Panel					30,000	
Unassigned	Green	GN - DCS Large Screen Monitors LCD					5,000	
Unassigned	Green	GN - Replace P! Server and API Node						5,000
Unassigned	Green	GN - DMZ Server Replacement						
Unassigned	Green	GN - Upgrde Control Room HMI Software					500,000	

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	Green	GN - Rpl 480v Breakers							50,000
Unassigned	Green	G2 - Rpl Precipitator Field							1,200,000
Unassigned	Green	G1 - Scrubber Dupont SO2 Inlet and Outlet Monitor							100,000
Unassigned	Green	FGD - USS Transformer			100,000				100,000
Unassigned	Green	G2 - Station Inverter							100,000
Unassigned	Green	GN - Fire Control Panel (Control Room)							500,000
Unassigned	Green	GN - Upgrade CEMS Monitors							200,000
Unassigned	Green	GN - FGD Rehab / Chemical Resistant Coating	411,925						1,647,700
Unassigned	Green	GN - Portable DGA Monitor for Transformers							50,000
Unassigned	Green	GN - Portable Online Oil Dryer for Transformers							30,000
Unassigned	Green	GN - Tractor & Bushhog							0
Unassigned	Green	G2 - Upgrade Ignitors							1,250,000
Unassigned	Green	G2 - Hot and Cold Air Damper Drives							120,000
Unassigned	Green	G2 - Secondary Air Damper Drives							30,000
Unassigned	Green	G2 - CEM Umbilical							60,000
Unassigned	Green	G2 - O2 Probe Additions							132,000
Unassigned	Green	GN - DCS UPS Backup Upgrade							80,000
Unassigned	Green	GN - Conveyor Belts							80,000
Unassigned	Green	GN - Additive Feed Pump 3 of 4			50,000				50,000
Unassigned	Green	GN - Additive Supply Pump 3 of 4			50,000				50,000
Unassigned	Green	GN - Office Bldg HVAC System	400,000						400,000
Unassigned	Green	GN - Reclaim Feeder (5 & 6 of 8)	400,000						400,000
Unassigned	Green	G2 - Precip Outlet Duct							1,300,000
Unassigned	Green	GN - Drager Air Monitor							15,000
Unassigned	Green	GN - Portable Gas Analyzer	12,500						12,500
Unassigned	Green	GN - M.S.A. Ammonia Monitor (Detector)		6,000					6,000
Unassigned	Green	GN - Pnuematic Air Wrench Right Angle							6,000
Unassigned	Green	GN - 4" Portable Heavy Sump Pump							35,000
Unassigned	Green	GN - DCS Servers/Client Computer & Monitors	30,000						30,000
Unassigned	Green	GN - Conductor NT Client Licenses		16,000					16,000
Unassigned	Green	GN - Upgrade CEM's & Reason Code Panel							30,000
Unassigned	Green	GN - DCS Large Screen Monitors LCD							5,000
Unassigned	Green	GN - Replace PI Server and API Node							5,000
Unassigned	Green	GN - DMZ Server Replacement	7,500						7,500
Unassigned	Green	GN - Upggrde Control Room HMI Software							500,000

**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	Green	G2 - Control Room Consoles	125,000					
Unassigned	Green	G2 - DCS Firmware Upgrade	75,000					
Unassigned	Green	G2 - Communication Controller Upgrades	75,000					
Unassigned	Green	GN - Ash Clinker Grinder					75,000	
Unassigned	Green	GN - Replace Fire Water Piping						
Unassigned	Green	G2 - Rpl B Reaction Tank Agitator Gearbox					45,000	
Unassigned	Green	GN - Recycle Pumphouse Sump Pumps						5,000
Unassigned	Green	G1 - Bottom Ash Dog House (2nd of 4)					75,000	
Unassigned	Green	GN - Fire Water Deluges						
Unassigned	Green	GN - IU Filtrate Feed Pump 2 of 3						
Unassigned	Green	GN - IU Filtrate Return Pump 2 Of 2						
Total Green			1,078,000	500,000	1,158,000	2,169,925	4,633,925	536,925

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	Green	G2 - Control Room Consoles							125,000
Unassigned	Green	G2 - DCS Firmware Upgrade							75,000
Unassigned	Green	G2 - Communication Controller Upgrades							75,000
Unassigned	Green	GN - Ash Clinker Grinder							75,000
Unassigned	Green	GN - Replace Fire Water Piping		40,000					40,000
Unassigned	Green	G2 - Rpl B Reaction Tank Agitator Gearbox							45,000
Unassigned	Green	GN - Recycle Pumphouse Sump Pumps							5,000
Unassigned	Green	G1 - Bottom Ash Dog House (2nd of 4)							75,000
Unassigned	Green	GN - Fire Water Deluges			60,000				60,000
Unassigned	Green	GN - IU Filtrate Feed Pump 2 of 3			60,000				60,000
Unassigned	Green	GN - IU Filtrate Return Pump 2 Of 2			60,000				60,000
									0
									0
									0
									0
									0
Total Green			1,261,925	232,000	655,000	0	0	0	12,225,700

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
RD, GT, SII, R/SII, & R/G/SII								
Unassigned	G/SII	GH - Rpl DMZ Server		7,500				
Unassigned	G/SII	GH - Rp PI Server API Node		5,000				
Unassigned	R/G/SII	RGH - AED's						5,000
Unassigned	R/G/SII	RGH - Confined Space Training Trailer						15,000
Unassigned	R/G/SII	RGH - Communication Infrastructure						
Unassigned	SII	H0 - Cooling Tower Makeup Piping				100,000		
Unassigned	SII	H1 - Replace DCS Process Controllers				120,000		
Unassigned	SII	H1 - AH Outlet Expansion Joint				85,000		
Unassigned	SII	H1 - Economizer Outlet Expansion Joint				85,000		
Unassigned	SII	H1 - High Energy Pipe Hangers				100,000		
Unassigned	SII	H1 - Lined Coal Conduit	600,000					
Unassigned	SII	H1 - Pulverizer Liners				700,000		
Unassigned	SII	H1 - Rpl AH Steam Coils (2)				25,000		
Unassigned	SII	H1 - Rpl Slag Grinders (2)				75,000		
Unassigned	SII	H1 - Rpl Wallblowers (11-13 of 24) 3 total				65,000		
Unassigned	SII	H1 - Scrubber Stack Liner				2,900,000		
Unassigned	SII	H1 - Rpl "A" 4160V switchgear				1,300,000		
Unassigned	SII	H1 - Rpl Cooling Tower D, E & F Cell Fill				600,000		
Unassigned	SII	H1 - Insulation & Lagging				250,000		
Unassigned	SII	H1 - SCR Catalyst Layer					980,000	
Unassigned	SII	H1 - Penthouse Floor				450,000		
Unassigned	SII	H1 - Rpl Sootblowers (X-X of 23) (Qty 2)					80,000	
Unassigned	SII	H1 - Bunker Gates (Qty 4)				48,000		
Unassigned	SII	H0 - Replace CEMs Computers (Qty 2)						
Unassigned	SII	H0 - Install New Service Elevator						
Unassigned	SII	H0 - Upgrade all ABB DCS Controls						
Unassigned	SII	H0 - Replace Obsolete CEMs Equipment					35,000	
Unassigned	REID	R1 - Replace Obsolete CEMs Equipment					20,000	
Unassigned	REID	R1 - Replace CEMS Computer				7,000		
Unassigned	GT	GT - Enclosure Over Combustion Compartment						
Unassigned	GT	GT - Replace HMI Computer					7,000	
Unassigned	GT	GT - Upgrade PLC					10,000	
Unassigned	GT	GT - Replace Cooling Tower						
Unassigned	GT	GT - Replace Silencers						
Unassigned	GT	GT - Replace Stack Liner						

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
RD, GT, SII, R/SII, & R/G/SII									
Unassigned	G/SII	GH - Rpl DMZ Server							7,500
Unassigned	G/SII	GH - Rp PI Server API Node							5,000
Unassigned	R/G/SII	RGH - AED's							5,000
Unassigned	R/G/SII	RGH - Confined Space Training Trailer							15,000
Unassigned	R/G/SII	RGH - Communication Infrastructure			40,000				40,000
Unassigned	SII	H0 - Cooling Tower Makeup Piping							100,000
Unassigned	SII	H1 - Replace DCS Process Controllers							120,000
Unassigned	SII	H1 - AH Outlet Expansion Joint							85,000
Unassigned	SII	H1 - Economizer Outlet Expansion Joint							85,000
Unassigned	SII	H1 - High Energy Pipe Hangers							100,000
Unassigned	SII	H1 - Lined Coal Conduit							600,000
Unassigned	SII	H1 - Pulverizer Liners							700,000
Unassigned	SII	H1 - Rpl AH Steam Coils (2)							25,000
Unassigned	SII	H1 - Rpl Slag Grinders (2)							75,000
Unassigned	SII	H1 - Rpl Wallblowers (11-13 of 24) 3 total							65,000
Unassigned	SII	H1 - Scrubber Stack Liner							2,900,000
Unassigned	SII	H1 - Rpl "A" 4160V switchgear							1,300,000
Unassigned	SII	H1 - Rpl Cooling Tower D, E & F Cell Fill							600,000
Unassigned	SII	H1 - Insulation & Lagging							250,000
Unassigned	SII	H1 - SCR Catalyst Layer							980,000
Unassigned	SII	H1 - Penthouse Floor							450,000
Unassigned	SII	H1 - Rpl Sootblowers (X-X of 23) (Qty 2)							80,000
Unassigned	SII	H1 - Bunker Gates (Qty 4)							48,000
Unassigned	SII	H0 - Replace CEMs Computers (Qty 2)			14,000				14,000
Unassigned	SII	H0 - Install New Service Elevator			610,000				610,000
Unassigned	SII	H0 - Upgrade all ABB DCS Controls	500,000						500,000
Unassigned	SII	H0 - Replace Obsolete CEMs Equipment							35,000
Unassigned	REID	R1 - Replace Obsolete CEMs Equipment							20,000
Unassigned	REID	R1 - Replace CEMS Computer							7,000
Unassigned	GT	GT - Enclosure Over Combustion Compartment				200,000			200,000
Unassigned	GT	GT - Replace HMI Computer							7,000
Unassigned	GT	GT - Upgrade PLC							10,000
Unassigned	GT	GT - Replace Cooling Tower				850,000			850,000
Unassigned	GT	GT - Replace Silencers			500,000				500,000
Unassigned	GT	GT - Replace Stack Liner			250,000				250,000

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	R/SII	RH - Client & Monitors (DCS)						20,000
Unassigned	R/SII	RH - Clients & Monitors (PLC)				10,000		
Unassigned	R/SII	RH - 480 Volt Welder						3,000
Unassigned	R/SII	RH - Gas Welder						7,000
Unassigned	R/SII	RH - Misc Capital Projects				25,000		25,000
Unassigned	R/SII	RH - Misc Capital Valves			25,000		25,000	
Unassigned	R/SII	RH - Misc Conveyor Belts			30,000		20,000	
Unassigned	R/SII	RH - Misc Tools & Equipment			25,000			
Unassigned	R/SII	RH - Misc Safety			10,000			
Unassigned	R/SII	RH - Rpl Bldg. Steam Water Unit Heaters						
Unassigned	R/SII	RH - Replace D8N with a D8T - Moved from 2011	825,000					0
Total RD, GT, SII, R/SII, & R/G/SII			1,425,000	12,500	90,000	6,945,000	1,177,000	75,000

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GROSS CAPITAL

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Unassigned	R/SII	RH - Client & Monitors (DCS)							20,000
Unassigned	R/SII	RH - Clients & Monitors (PLC)		10,000					20,000
Unassigned	R/SII	RH - 480 Volt Welder							3,000
Unassigned	R/SII	RH - Gas Welder							7,000
Unassigned	R/SII	RH - Misc Capital Projects	50,000						100,000
Unassigned	R/SII	RH - Misc Capital Valves		25,000		25,000			100,000
Unassigned	R/SII	RH - Misc Conveyor Belts		20,000		20,000			90,000
Unassigned	R/SII	RH - Misc Tools & Equipment	25,000						50,000
Unassigned	R/SII	RH - Misc Safety	10,000						20,000
Unassigned	R/SII	RH - Rpl Bldg. Steam Water Unit Heaters			20,000				20,000
Unassigned	R/SII	RH - Replace D8N with a D8T - Moved from 2011							825,000
Total RD, GT, SII, R/SII, & R/G/SII			585,000	1,429,000	60,000	1,095,000	0	0	12,893,500

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			GROSS CAPITAL					
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WILSON								
Unassigned	WL	Misc. Safety Equipment						
Unassigned	WL	Misc. Tools			10,000			
Unassigned	WL	Misc. Capital		25,000				25,000
Unassigned	WL	Capital Valves	10,000			10,000	30,000	
Unassigned	WL	Fuel Handling Stationary Shop Air Compressor	7,500					
Unassigned	WL	DCS Client Computer replacement						
Unassigned	WL	CEMS upgrades						
Unassigned	WL	#3 Fiyash blower - 1st and 2nd stage						
Unassigned	WL	HVAC Replacements			30,000	45,000		
Unassigned	WL	Ronan system integration into the DCS					75,000	
Unassigned	WL	Sootblower Replacement (IK57 & 58)						
Unassigned	WL	Replace MFP's with BRC 400 controllers (Turbine Controls)						
Unassigned	WL	Replace #1 Make Up Clarifier Liner						
Unassigned	WL	Remaining BTG Board Control Switches into DCS						
Unassigned	WL	PLC system replacement (Cooling Tower PLC5 Replacement)						
Unassigned	WL	#2 BFP Rotating Element Replacement (5 yr PM Schedule)						
Unassigned	WL	Aux BFP Rotating Element Replacement (9 yr PM Schedule)						
Unassigned	WL	Conveyor Belt Replacement (5A,5B & #2 Boom Conveyor)		40,000	100,000	40,000	100,000	
Unassigned	WL	FGD & Ball Mill Control Replacement						
Unassigned	WL	expansion joints						
Unassigned	WL	FGD Outlet and Riser Duct Liner 5,000 sq/ft replacement						
Unassigned	WL	Replace Primary AH Baskets						
Unassigned	WL	Tube Weld Overlay						
Unassigned	WL	Catalyst Regeneration (Regen one layer, install two layers)						
Unassigned	WL	Waterwall Tube Replacement						
Unassigned	WL	A Platen Superheater replacement						
Unassigned	WL	Burner replacement installation and final payment after meeting guarantees						
Total Wilson			17,500	65,000	140,000	95,000	205,000	25,000
Total			4,623,659	2,109,731	2,087,624	10,232,019	13,409,675	5,570,643

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WILSON									
Unassigned	WL	Misc. Safety Equipment			10,000				20,000
Unassigned	WL	Misc. Tools							50,000
Unassigned	WL	Misc. Capital		40,000					100,000
Unassigned	WL	Capital Valves				100,000		10,000	100,000
Unassigned	WL	Fuel Handling Stationary Shop Air Compressor							7,500
Unassigned	WL	DCS Client Computer replacement					15,000		15,000
Unassigned	WL	CEMS upgrades			25,000				25,000
Unassigned	WL	#3 Flyash blower - 1st and 2nd stage							75,000
Unassigned	WL	HVAC Replacements							75,000
Unassigned	WL	Ronan system integration into the DCS				100,000			100,000
Unassigned	WL	Sootblower Replacement (IK57 & 58)	50,000	50,000					100,000
Unassigned	WL	Replace MFP's with BRC 400 controllers (Turbine Controls)				150,000			150,000
Unassigned	WL	Replace #1 Make Up Clarifier Liner	100,000	50,000	50,000				200,000
Unassigned	WL	Remaining BTG Board Control Switches into DCS				210,000			210,000
Unassigned	WL	PLC system replacement (Cooling Tower PLC5 Replacement)				234,000			234,000
Unassigned	WL	#2 BFP Rotating Element Replacement (5 yr PM Schedule)			125,000	125,000			250,000
Unassigned	WL	Aux BFP Rotating Element Replacement (9 yr PM Schedule)			125,000	125,000			250,000
Unassigned	WL	Conveyor Belt Replacement (5A,5B & #2 Boom Conveyor)							280,000
Unassigned	WL	FGD & Ball Mill Control Replacement				350,000			350,000
Unassigned	WL	expansion joints				400,000			400,000
Unassigned	WL	FGD Outlet and Riser Duct Liner 5,000 sq/ft replacement				500,000			500,000
Unassigned	WL	Replace Primary AH Baskets				750,000			750,000
Unassigned	WL	Tube Weld Overlay				800,000			800,000
Unassigned	WL	Catalyst Regeneration (Regen one layer, install two layers)				1,500,000			1,500,000
Unassigned	WL	Waterwall Tube Replacement				2,000,000			2,000,000
Unassigned	WL	A Platen Superheater replacement				2,500,000			2,500,000
Unassigned	WL	Burner replacement installation and final payment after meeting guarantees				3,000,000			3,000,000
Total Wilson			150,000	140,000	335,000	12,844,000	15,000	10,000	14,041,500
Total			7,230,232	3,754,788	3,135,210	14,792,264	139,975	146,959	67,232,779

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Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
ADMINISTRATIVE								
Unassigned	Env	Replace misc Central Lab monitors			100,000			
Unassigned	Env	Replace misc Environmental equipment			50,000			
Unassigned	0170	HR - Rpl #324 - Pool Vehicle		25,000				
Unassigned	0170	RGH - Rpl #388 -1999 White Ford F150 Pickup (Coal Hand.)		20,000				
Unassigned	0170	RGH - Rpl #385 - 1996 Silver Dodge Ram 1500 (Lab)		25,000				
Unassigned	0170	WL - Rpl 3 Vehicles (#82 - 2001 Ford Pickup, #611 - 2001 Ford Pickup, #942 - 2003 Chevy Silverado)		50,000				
Total Administrative			0	120,000	150,000	0	0	0
IT								
Unassigned	300	Replace PC's, Laptops, Printers	185,000					
Unassigned	300	Replace Data Centers Servers (HQ and DR center)	175,000					
Unassigned	300	Replace HP Oracle Servers	350,000					
Unassigned	300	Replace Disk storage hardware/software	230,000					
Unassigned	300	Replace Voice Recorder	5,000					
Unassigned	300	CIP's Compliance - HMPL	37,500					
Unassigned	300	CIP's Compliance - Green	37,500					
Unassigned	300	CIP's Compliance - Coleman	37,500					
Unassigned	300	CIP's Compliance - Wilson	37,500					
Unassigned	300	Replace Coop High speed printers Kenergy (2)	24,000					
Unassigned	300	Replace Coop/BREC hardware/software GIS	150,000					
Unassigned	300	Replace Coop Lasaerfiche, Audiotel	4,000					
Unassigned	300	Replace ACES, MISO, Plant interfaces	200,000					
Unassigned	300	Replace EMS	225,000					
Total IT			1,698,000	0	0	0	0	0

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
ADMINISTRATIVE									
Unassigned	Env	Replace misc Central Lab monitors							100,000
Unassigned	Env	Replace misc Environmental equipment							50,000
Unassigned	0170	HR - Rpl #324 - Pool Vehicle							25,000
Unassigned	0170	RGH - Rpl #388 -1999 White Ford F150 Pickup (Coal Hand.)							20,000
Unassigned	0170	RGH - Rpl #385 - 1996 Silver Dodge Ram 1500 (Lab)							25,000
Unassigned	0170	WL - Rpl 3 Vehicles (#82 - 2001 Ford Pickup, #611 - 2001 Ford Pickup, #942 - 2003 Chevy Silverado)							50,000
Total Administrative			0	0	0	0	0	0	270,000
IT									
Unassigned	300	Replace PC's, Laptops, Printers							185,000
Unassigned	300	Replace Data Centers Servers (HQ and DR center)							175,000
Unassigned	300	Replace HP Oracle Servers							350,000
Unassigned	300	Replace Disk storage hardware/software							230,000
Unassigned	300	Replace Voice Recorder							5,000
Unassigned	300	CIP's Compliance - HMPL							37,500
Unassigned	300	CIP's Compliance - Green							37,500
Unassigned	300	CIP's Compliance - Coleman							37,500
Unassigned	300	CIP's Compliance - Wilson							37,500
Unassigned	300	Replace Coop High speed printers Kenergy (2)							24,000
Unassigned	300	Replace Coop/BREC hardware/software GIS							150,000
Unassigned	300	Replace Coop Lasaerfiche, Audiotel							4,000
Unassigned	300	Replace ACES, MISO, Plant interfaces							200,000
Unassigned	300	Replace EMS							225,000
Total IT			0	0	0	0	0	0	1,698,000

Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
TRANSMISSION								
2015 POLES	420	Pole Change Outs	188,050	37,020	37,020	37,020	37,020	37,020
Unassigned	420	Capital Tool Replacements	0	0	0	0	1,000	0
Unassigned	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0
Unassigned	420	Hydraulic Pump and Press Replacements	0	0	3,500	0	0	0
Unassigned	420	On-line DGA Monitoring for Transformers	0	0	0	0	84,000	0
Unassigned	420	Portable Generator Replacements	0	0	0	900	0	0
Unassigned	420	Replace Battery Resistance Meter (Alber)	0	0	5,000	0	0	0
Unassigned	420	Replace Sub Disconnects Switches	0	0	0	41,666	41,666	41,666
Unassigned	420	Replace Substation Battery and Charger	0	0	0	0	0	50,000
Unassigned	420	Replace Substation Security Fence	0	0	0	27,830	0	0
Unassigned	420	Replacement A/C Units	0	0	0	0	4,000	4,000
Unassigned	420	Substation Gravel	0	0	22,000	0	0	0
Unassigned	420	JP Maxon Substation 0.3 mi. 69 kV Line	165,109	0	0	0	0	0
Unassigned	420	Kenergy Highland Substation 0.8 mi. 69 kV Line	280,616	0	0	0	0	0
Unassigned	420	MCRECC Substation 3 mile 69 kV Line	661,182	0	0	0	0	0
Unassigned	420	Capitalized Interest	4,588	9,175	20,066	43,889	59,655	77,499
Total TRANSMISSION			1,299,545	46,195	90,086	151,305	227,341	210,185

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
TRANSMISSION									
2015 POLES	420	Pole Change Outs	37,020	37,020	37,020	37,380	37,380	37,380	596,350
Unassigned	420	Capital Tool Replacements	0	0	1,000	0	0	0	2,000
Unassigned	420	Hoist, Rope and Grips Replacements	0	0	2,500	0	0	0	5,000
Unassigned	420	Hydraulic Pump and Press Replacements	0	0	0	0	0	0	3,500
Unassigned	420	On-line DGA Monitoring for Transformers	0	0	0	0	0	0	84,000
Unassigned	420	Portable Generator Replacements	0	0	900	0	0	0	1,800
Unassigned	420	Replace Battery Resistance Meter (Alber)	0	0	0	0	0	0	5,000
Unassigned	420	Replace Sub Disconnects Switches	41,666	41,666	41,670	0	0	0	250,000
Unassigned	420	Replace Substation Battery and Charger	0	0	0	0	0	0	50,000
Unassigned	420	Replace Substation Security Fence	0	0	0	0	0	0	27,830
Unassigned	420	Replacement A/C Units	4,000	4,000	0	0	0	0	16,000
Unassigned	420	Substation Gravel	0	0	0	0	0	0	22,000
Unassigned	420	JP Maxon Substation 0.3 mi. 69 kV Line	0	0	0	0	0	0	165,109
Unassigned	420	Kenergy Highland Substation 0.8 mi. 69 kV Line	0	0	0	0	0	0	280,616
Unassigned	420	MCRECC Substation 3 mile 69 kV Line	0	0	0	0	0	0	661,182
Unassigned	420	Capitalized Interest	83,036	7,093	11,139	33,877	43,165	47,288	440,470
Total TRANSMISSION			165,722	89,779	94,229	71,257	80,545	84,668	2,610,857

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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
COLEMAN								
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500
Unassigned	CL	Misc. Safety Equipment					10,000	
Unassigned	CL	Misc. Capital Projects			12,500			12,500
Unassigned	CL	Capital Valve Replacement			25,000			25,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500
Unassigned	CL	CL Conveyor Belt Replacement			25,000			25,000
Unassigned	CL	CL Barge Unloader Bucket					150,000	
Unassigned	CL	CL Ash Sluice Pump						
Unassigned	CL	CL Replace PI Server and API Node						
Unassigned	CL	CL DMZ Server Replacement						
Unassigned	CL	CL DCS Server and Client Replacement						
Unassigned	CL	CL 4160 to 480 step down transformer						85,000
Unassigned	CL	CL Limitorque Drive Replacement				25,000		
Unassigned	CL	CL Replacement Complete Feedpump Barrel	450,000					
Unassigned	CL	CL Replace and Relocate Condensate Tanks					200,000	200,000
Unassigned	CL	CL Replace TGA		75,000				
Unassigned	CL	C-1 Boiler Structural Coating				300,000	300,000	300,000
Unassigned	CL	C-2 Monitor Replacement including 37" Alarm Monitor						
Unassigned	CL	C-2 B Circulating Water Pump					250,000	
Unassigned	CL	C-2 B Traveling Water Screen Replacement					175,000	
Unassigned	CL	C-3 #6 Feedwater Heater Tube Bundle Replacement				550,000		
Unassigned	CL	C-3 Turbine Generator Overhaul						
Unassigned	CL	C-3 A Mill Liner Replacement with inlet auger						
Unassigned	CL	C-3 Upgrade CEMS						
Unassigned	CL	C-3 Symphony Plus Console Software						
Unassigned	CL	C-3 Boiler Tube Weld Overlay						
Unassigned	CL	C-3 Slag Grinder Replacement						
Unassigned	CL	C-3 Sootblower Replacements						
Unassigned	CL	C-3 Steam Coil Replacement						
Unassigned	CL	C-3 Boiler Expansion Joint Replacement						
Unassigned	CL	C-3 480v MCC Replacement						

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**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
COLEMAN									
Unassigned	CL	Misc. Tools and Equipment			12,500			12,500	50,000
Unassigned	CL	Misc. Safety Equipment			10,000				20,000
Unassigned	CL	Misc. Capital Projects			12,500			12,500	50,000
Unassigned	CL	Capital Valve Replacement			25,000			25,000	100,000
Unassigned	CL	Coleman FGD Misc. Pumps & Valves			12,500			12,500	50,000
Unassigned	CL	CL Conveyor Belt Replacement			25,000			25,000	100,000
Unassigned	CL	CL Barge Unloader Bucket							150,000
Unassigned	CL	CL Ash Sluice Pump	150,000						150,000
Unassigned	CL	CL Replace PI Server and API Node				10,000			10,000
Unassigned	CL	CL DMZ Server Replacement				10,000			10,000
Unassigned	CL	CL DCS Server and Client Replacement				120,000			120,000
Unassigned	CL	CL 4160 to 480 step down transformer							85,000
Unassigned	CL	CL Limitorque Drive Replacement		25,000					50,000
Unassigned	CL	CL Replacement Complete Feedpump Barrel							450,000
Unassigned	CL	CL Replace and Relocate Condensate Tanks							400,000
Unassigned	CL	CL Replace TGA							75,000
Unassigned	CL	C-1 Boiler Structural Coating	300,000						1,200,000
Unassigned	CL	C-2 Monitor Replacement including 37" Alarm Monitor				10,000			10,000
Unassigned	CL	C-2 B Circulating Water Pump							250,000
Unassigned	CL	C-2 B Traveling Water Screen Replacement							175,000
Unassigned	CL	C-3 #6 Feedwater Heater Tube Bundle Replacement							550,000
Unassigned	CL	C-3 Turbine Generator Overhaul			500,000	500,000			1,000,000
Unassigned	CL	C-3 A Mill Liner Replacement with inlet auger				350,000			350,000
Unassigned	CL	C-3 Upgrade CEMS				30,000			30,000
Unassigned	CL	C-3 Symphony Plus Console Software				300,000			300,000
Unassigned	CL	C-3 Boiler Tube Weld Overlay				1,250,000			1,250,000
Unassigned	CL	C-3 Slag Grinder Replacement				150,000			150,000
Unassigned	CL	C-3 Sootblower Replacements			200,000				200,000
Unassigned	CL	C-3 Steam Coil Replacement				200,000			200,000
Unassigned	CL	C-3 Boiler Expansion Joint Replacement				250,000			250,000
Unassigned	CL	C-3 480v MCC Replacement				180,000			180,000

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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
Unassigned	CL	C-3 Critical Pipe System Hanger Replacements						
Unassigned	CL	C-3 Boiler Insulation						
Unassigned	CL	C-3 Rpl 4160 V Motors (3A CWP & 3A Mill)			100,000			
Unassigned	CL	C-3 Protective Relay Replacement						
Unassigned	CL	C-3 Burner Replacement						
Unassigned	CL	C-3 Burner Air Register Drives						
Unassigned	CL	C-3 Burner Scanners						
Unassigned	CL	C-3 Coal Valves						
Unassigned	CL	C-3 Secondary Superheater						
Unassigned	CL	C-3 Aux transformer	500,000					
Unassigned	CL	C-3 ROFA Damper drives					160,000	
Unassigned	CL	C-3 Bypass Stack CEMs Analyzer & Umbilical Cable Replacement						
Unassigned	CL	C-3 480v Bus Replacement			100,000	100,000		
Unassigned	CL	C-1 Booster Fan Blades						
Unassigned	CL	CL FGD Absorber Agitator Blades, A,C & E						
Unassigned	CL	CL FGD DCS Controller Replacement						
Total Coleman			950,000	75,000	287,500	975,000	1,245,000	672,500

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	CL	C-3 Critical Pipe System Hanger Replacements				80,000			80,000
Unassigned	CL	C-3 Boiler Insulation				250,000			250,000
Unassigned	CL	C-3 Rpl 4160 V Motors (3A CWP & 3A Mill)	125,000						225,000
Unassigned	CL	C-3 Protective Relay Replacement				150,000			150,000
Unassigned	CL	C-3 Burner Replacement				1,350,000			1,350,000
Unassigned	CL	C-3 Burner Air Register Drives				200,000			200,000
Unassigned	CL	C-3 Burner Scanners				130,000			130,000
Unassigned	CL	C-3 Coal Valves				450,000			450,000
Unassigned	CL	C-3 Secondary Superheater				3,000,000			3,000,000
Unassigned	CL	C-3 Aux transformer				100,000			600,000
Unassigned	CL	C-3 ROFA Damper drives							160,000
Unassigned	CL	C-3 Bypass Stack CEMs Analyzer & Umbilical Cable Replacement				140,000			140,000
Unassigned	CL	C-3 480v Bus Replacement							200,000
Unassigned	CL	C-1 Booster Fan Blades			285,000				285,000
Unassigned	CL	CL FGD Absorber Agitator Blades, A,C & E			135,000				135,000
Unassigned	CL	CL FGD DCS Controller Replacement			200,000				200,000
Total Coleman			575,000	25,000	1,417,500	9,210,000	0	87,500	15,520,000

**Big Rivers Electric Corporation
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GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
CENTRAL MACHINE SHOP								
Unassigned	CMS	3/4 Horsepower Variable Drive for Lathes			50,000			
Unassigned	CMS	Rotary Air Compressor Replacement			38,000			
Unassigned	CMS	15"X48" Radial Arm Drill			60,000			
Unassigned	CMS	4 New Tool Storage Units			8,000			
Total CMS:			0	0	156,000	0	0	0
GREEN								
Unassigned	Green	GN - Plant Tools & Equipment	50,000					
Unassigned	Green	GN - Miscellaneous Capital Projects	100,000					
Unassigned	Green	GN - Miscellaneous Safety	20,000					
Unassigned	Green	GN - Capital Valves	100,000					
Unassigned	Green	G1 - Air Heater Baskets				400,000	550,000	
Unassigned	Green	G1 - Cold Reheat hangers (3 Sets)					50,000	
Unassigned	Green	G1 - Main Steam Hangers (3 sets)					50,000	
Unassigned	Green	G1 - Hot Reheat hangers (3 Sets)					50,000	
Unassigned	Green	GN - Replace Slaker (3rd of 8)					220,000	
Unassigned	Green	G1 - Air Heater Gas Outlet Exp Joints					150,000	
Unassigned	Green	GN - Valve Operator Limitorque SMB 000 MOV					6,000	
Unassigned	Green	GN - Valve Operator Limitorque Type H Manual Operator					6,000	
Unassigned	Green	GN - Replace Additive Hold Tank (2nd of 4)				150,000	150,000	
Unassigned	Green	G1 - B Service Water Pump						
Unassigned	Green	GN - Ash Sluice Pump						
Unassigned	Green	GN - Ash Seal Pump						
Unassigned	Green	G1 - Generator Stator Cooling Tubes (Epoxy injection)					400,000	
Unassigned	Green	G1 - Turbine HP Blading					950,000	
Unassigned	Green	G1 - Turbine Packing					350,000	
Unassigned	Green	G1 - CT Cell Structure and Fill Replacement (2 Cells)			491,000			
Unassigned	Green	G1 - CT Water Deck Replacement (2 Cells Only)			127,000			
Unassigned	Green	G1 - Rpl C/T Deck (2 Cells only)			127,000			
Unassigned	Green	GN - Landfill Downdrains						
Unassigned	Green	G1 - USS Transformer						20,000
Unassigned	Green	GN - Rpl 4160v Breakers					50,000	
Unassigned	Green	GN - Rpl 480v Breakers					50,000	

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GROSS CAPITAL

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CENTRAL MACHINE SHOP									
Unassigned	CMS	3/4 Horsepower Variable Drive for Lathes							50,000
Unassigned	CMS	Rotary Air Compressor Replacement							38,000
Unassigned	CMS	15"X48" Radial Arm Drill							60,000
Unassigned	CMS	4 New Tool Storage Units							8,000
Total CMS:			0	0	0	0	0	0	156,000
GREEN									
Unassigned	Green	GN - Plant Tools & Equipment							50,000
Unassigned	Green	GN - Miscellaneous Capital Projects							100,000
Unassigned	Green	GN - Miscellaneous Safety							20,000
Unassigned	Green	GN - Capital Valves							100,000
Unassigned	Green	G1 - Air Heater Baskets							950,000
Unassigned	Green	G1 - Cold Reheat hangers (3 Sets)							50,000
Unassigned	Green	G1 - Main Steam Hangers (3 sets)							50,000
Unassigned	Green	G1 - Hot Reheat hangers (3 Sets)							50,000
Unassigned	Green	GN - Replace Slaker (3rd of 8)							220,000
Unassigned	Green	G1 - Air Heater Gas Outlet Exp Joints							150,000
Unassigned	Green	GN - Valve Operator Limitorque SMB 000 MOV							6,000
Unassigned	Green	GN - Valve Operator Limitorque Type H Manual Operator							6,000
Unassigned	Green	GN - Replace Additive Hold Tank (2nd of 4)							300,000
Unassigned	Green	G1 - B Service Water Pump		40,000					40,000
Unassigned	Green	GN - Ash Sluice Pump		80,000	100,000				180,000
Unassigned	Green	GN - Ash Seal Pump		50,000	75,000				125,000
Unassigned	Green	G1 - Generator Stator Cooling Tubes (Epoxy Injection)							400,000
Unassigned	Green	G1 - Turbine HP Blading							950,000
Unassigned	Green	G1 - Turbine Packing							350,000
Unassigned	Green	G1 - CT Cell Structure and Fill Replacement (2 Cells)							491,000
Unassigned	Green	G1 - CT Water Deck Replacement (2 Cells Only)							127,000
Unassigned	Green	G1 - Rpl C/T Deck (2 Cells only)							127,000
Unassigned	Green	GN - Landfill Downdrains							20,000
Unassigned	Green	G1 - USS Transformer			100,000				100,000
Unassigned	Green	GN - Rpl 4160v Breakers							50,000
Unassigned	Green	GN - Rpl 480v Breakers							50,000

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Unassigned	Green	G1 - Rpl Precipitator Field				500,000	700,000	
Unassigned	Green	FGD - USS Transformer						
Unassigned	Green	GN- MCC A31 Replacement						250,000
Unassigned	Green	GN - Upgrade CEMS Monitors					200,000	
Unassigned	Green	GN - 4" Portable Heavy Sump Pump		40,000				
Unassigned	Green	GN - Replace G2 CCW heat Exchangers (2 Total)				250,000		
Unassigned	Green	G1 - Upgrade Ignitors				500,000		
Unassigned	Green	G1 - Hot and Cold Air Damper Drives					750,000	
Unassigned	Green	G1 - Secondary Air Damper Drives					120,000	
Unassigned	Green	GN - Conveyor Belts					30,000	
Unassigned	Green	GN - Additive Feed Pump 4 of 4						80,000
Unassigned	Green	GN - Additive Supply Pump 4 of 4						
Unassigned	Green	GN - Reclaim Feeder (7 & 8 of 8)						
Unassigned	Green	GN - Drager Air Monitor						15,000
Unassigned	Green	GN - Portable Gas Analyzer						
Unassigned	Green	GN - M.S.A. Ammonia Monitor (Detector)						
Unassigned	Green	GN - DCS Servers/Client Computer & Monitors						
Unassigned	Green	GN - Conductor NT Client Licenses						
Unassigned	Green	GN - Upgrade CEM's & Reason Code Panel					30,000	
Unassigned	Green	GN - DCS Large Screen Monitors LCD					5,000	
Unassigned	Green	GN - Replace PI Server and API Node						5,000
Unassigned	Green	GN - DMZ Server Replacement						
Unassigned	Green	GN - Ash Clinker Grinder					75,000	
Unassigned	Green	GN - Replace Fire Water Piping						
Unassigned	Green	G1 - Rpl A Reaction Tank Agitator Gearbox					45,000	
Unassigned	Green	GN - Recycle Pumphouse Sump Pumps						5,000
Unassigned	Green	G1 - Bottom Ash Dog House (2nd of 4)					75,000	
Unassigned	Green	GN - Fire Water Deluges						
Unassigned	Green	GN - UPS Installation for HMI Computers				100,000		
Unassigned	Green	G1 - Backup Systems for HMI Computers				25,000		
Unassigned	Green	G1 and G2-T-analyst (Vibration Analysis Software)					85,000	
Unassigned	Green	G1 - Network switch replacements					12,000	
Unassigned	Green	G1 - Primary Superheat Tubes			1,300,000		1,300,000	
Unassigned	Green	G1 - Re-tube #6 High Pressure Heater			300,000		600,000	
Total Green			270,000	40,000	2,345,000	3,922,000	5,062,000	375,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
Unassigned	Green	G1 - Rpl Precipitator Field							1,200,000
Unassigned	Green	FGD - USS Transformer			100,000				100,000
Unassigned	Green	GN- MCC A31 Replacement							250,000
Unassigned	Green	GN - Upgrade CEMS Monitors							200,000
Unassigned	Green	GN - 4" Portable Heavy Sump Pump							40,000
Unassigned	Green	GN - Replace G2 CCW heat Exchangers (2 Total)							250,000
Unassigned	Green	G1 - Upgrade Ignitors							1,250,000
Unassigned	Green	G1 - Hot and Cold Air Damper Drives							120,000
Unassigned	Green	G1 - Secondary Air Damper Drives							30,000
Unassigned	Green	GN - Conveyor Belts							80,000
Unassigned	Green	GN - Additive Feed Pump 4 of 4			50,000				50,000
Unassigned	Green	GN - Additive Supply Pump 4 of 4			50,000				50,000
Unassigned	Green	GN - Reclaim Feeder (7 & 8 of 8)	400,000						400,000
Unassigned	Green	GN - Drager Air Monitor							15,000
Unassigned	Green	GN - Portable Gas Analyzer	12,500						12,500
Unassigned	Green	GN - M.S.A. Ammonia Monitor (Detector)		6,000					6,000
Unassigned	Green	GN - DCS Servers/Client Computer & Monitors	30,000						30,000
Unassigned	Green	GN - Conductor NT Client Licenses		16,000					16,000
Unassigned	Green	GN - Upgrade CEM's & Reason Code Panel							30,000
Unassigned	Green	GN - DCS Large Screen Monitors LCD							5,000
Unassigned	Green	GN - Replace PI Server and API Node							5,000
Unassigned	Green	GN - DMZ Server Replacement	7,500						7,500
Unassigned	Green	GN - Ash Clinker Grinder							75,000
Unassigned	Green	GN - Replace Fire Water Piping		40,000					40,000
Unassigned	Green	G1 - Rpl A Reaction Tank Agitator Gearbox							45,000
Unassigned	Green	GN - Recycle Pumphouse Sump Pumps							5,000
Unassigned	Green	G1 - Bottom Ash Dog House (2nd of 4)							75,000
Unassigned	Green	GN - Fire Water Deluges			60,000				60,000
Unassigned	Green	GN - UPS Installation for HMI Computers							100,000
Unassigned	Green	G1 - Backup Systems for HMI Computers							25,000
Unassigned	Green	G1 and G2-T-analyst (Vibration Analysis Software)							85,000
Unassigned	Green	G1 - Network switch replacements							12,000
Unassigned	Green	G1 - Primary Superheat Tubes							2,600,000
Unassigned	Green	G1 - Re-tube #6 High Pressure Heater							900,000
									0
									0
									0
Total Green			450,000	232,000	535,000	0	0	0	13,231,000

**Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
RD, GT, SII, R/SII, & R/G/SII								
Unassigned	R/G/SII	RGH - John Deere Mowing Tractor	85,000					
Unassigned	R/G/SII	RGH - Rpl 1977 JD Grader (with used)	250,000					
Unassigned	GT	GT - Cooling Tower					1,000,000	
Unassigned	GT	GT - Turbine PI Interface			10,000			
Unassigned	GT	GT - Rpl Computer	30,000					
Unassigned	REID	R1 - Rpl Burner Management Computer	30,000					
Unassigned	SII	H0 - Rpl Water Plant Controls Computer	30,000					
Unassigned	SII	H0 - CEM DAHS and Remotes	40,000					
Unassigned	SII	H1 - DCS Firmware Upgrade/Communication Controller Upgrades	100,000					
Unassigned	SII	H1 - HMI Back-up Computer	10,000					
Unassigned	SII	H1 - Network Switch Replacement	10,000					
Unassigned	SII	H1 - Upgrade ABB controls HMI			150,000			
Unassigned	SII	H2 - Upgrade ABB controls HMI			150,000			
Unassigned	SII	H2 - Mist Eliminator Panels					100,000	
Unassigned	SII	H2 - 480V MCC					500,000	
Unassigned	SII	H2 - AH Outlet Expansion Joint				85,000		
Unassigned	SII	H2 - Ammonia Slip Monitor			80,000			
Unassigned	SII	H2 - Bunker Gates (Qty 3)			35,000			
Unassigned	SII	H2 - Economizer Outlet Expansion Joint				85,000		
Unassigned	SII	H2 - High Energy Pipe Hangers				100,000		
Unassigned	SII	H2 - Insulation & Lagging				250,000		
Unassigned	SII	H2 - Lined Coal Conduit			300,000	300,000		
Unassigned	SII	H2 - Replace DCS Process Controllers		120,000				
Unassigned	SII	H2 - Rpl "A" 4160 Switchgear				1,250,000		
Unassigned	SII	H2 - Rpl AH Steam Coils (Qty 2)				23,000		
Unassigned	SII	H2 - Rpl Cold End Airheater Baskets			450,000	450,000		
Unassigned	SII	H2 - Rpl Slag Grinders (Qty 2)				75,000		
Unassigned	SII	H2 - Rpl FD Fan Evase				650,000		
Unassigned	SII	H2 - Rpl High Temp Superheat			800,000	800,000		
Unassigned	SII	H2 - Rpl Sootblower (9-10 of 23) 2 total				90,000		
Unassigned	SII	H2 - Rpl Wallblowers (8-10 of 24) 3 total				65,000		
Unassigned	SII	H2 - Seal Trough Replacement				450,000		
Unassigned	R/SII	RH - Rpl Client & Monitors (DCS)	20,000					
Unassigned	R/SII	RH - Rpl Client & Monitors (PLC)	20,000					
Total RD, GT, SII, R/SII, & R/G/SII			625,000	120,000	1,975,000	4,673,000	1,600,000	0

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**Big Rivers Electric Corporation
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Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
RD, GT, SII, R/SII, & R/G/SII									
Unassigned	R/G/SII	RGH - John Deere Mowing Tractor							85,000
Unassigned	R/G/SII	RGH - Rpl 1977 JD Grader (with used)							250,000
Unassigned	GT	GT - Cooling Tower							1,000,000
Unassigned	GT	GT - Turbine PI Interface							10,000
Unassigned	GT	GT - Rpl Computer							30,000
Unassigned	REID	R1 - Rpl Burner Management Computer							30,000
Unassigned	SII	H0 - Rpl Water Plant Controls Computer							30,000
Unassigned	SII	H0 - CEM DAHS and Remotes							40,000
Unassigned	SII	H1 - DCS Firmware Upgrade/Communication Controller Upgrades							100,000
Unassigned	SII	H1 - HMI Back-up Computer							10,000
Unassigned	SII	H1 - Network Switch Replacement							10,000
Unassigned	SII	H1 - Upgrade ABB controls HMI							150,000
Unassigned	SII	H2 - Upgrade ABB controls HMI							150,000
Unassigned	SII	H2 - Mist Eliminator Panels							100,000
Unassigned	SII	H2 - 480V MCC							500,000
Unassigned	SII	H2 - AH Outlet Expansion Joint							85,000
Unassigned	SII	H2 - Ammonia Slip Monitor							80,000
Unassigned	SII	H2 - Bunker Gates (Qty 3)							35,000
Unassigned	SII	H2 - Economizer Outlet Expansion Joint							85,000
Unassigned	SII	H2 - High Energy Pipe Hangers							100,000
Unassigned	SII	H2 - Insulation & Lagging							250,000
Unassigned	SII	H2 - Lined Coal Conduit							600,000
Unassigned	SII	H2 - Replace DCS Process Controllers							120,000
Unassigned	SII	H2 - Rpl "A" 4160 Switchgear							1,250,000
Unassigned	SII	H2 - Rpl AH Steam Coils (Qty 2)							23,000
Unassigned	SII	H2 - Rpl Cold End Airheater Baskets							900,000
Unassigned	SII	H2 - Rpl Slag Grinders (Qty 2)							75,000
Unassigned	SII	H2 - Rpl FD Fan Evase							650,000
Unassigned	SII	H2 - Rpl High Temp Superheat							1,600,000
Unassigned	SII	H2 - Rpl Sootblower (9-10 of 23) 2 total							90,000
Unassigned	SII	H2 - Rpl Wallblowers (8-10 of 24) 3 total							65,000
Unassigned	SII	H2 - Seal Trough Replacement							450,000
Unassigned	R/SII	RH - Rpl Client & Monitors (DCS)							20,000
Unassigned	R/SII	RH - Rpl Client & Monitors (PLC)							20,000
Total RD, GT, SII, R/SII, & R/G/SII			0	0	0	0	0	0	8,993,000

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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
WILSON								
Unassigned	WL	Misc. Safety Equipment				20,000		
Unassigned	WL	Misc. Tools			25,000			
Unassigned	WL	Misc. Capital		20,000			20,000	20,000
Unassigned	WL	Capital Valves						
Unassigned	WL	Service Truck Welder	4,500					
Unassigned	WL	John Boat & Motor Replacement	10,000					
Unassigned	WL	Plasma Screen Replacement						
Unassigned	WL	DCS Client Computer Replacement						
Unassigned	WL	Filter Water Pump Replacement						
Unassigned	WL	Clarified Water Pump Replacement						
Unassigned	WL	CEMS computer replacement				25,000		
Unassigned	WL	Tug Boat Generator Set			30,000			
Unassigned	WL	Replace Fire Hydrants						
Unassigned	WL	Steam Coil Drain Tank Replacements (1 of 2)						
Unassigned	WL	Plant Air Receiver Tank Replacements (2 of 2)						
Unassigned	WL	HVAC Replacements					75,000	
Unassigned	WL	#1 Fly Ash Blower - 1st and 2nd Stage			30,000	45,000		
Unassigned	WL	Expansion joints						
Unassigned	WL	Replace 6.9KV480v Switchgear breakers						
Unassigned	WL	Sootblower Replacement (IK55, IK42)						75,000
Unassigned	WL	Replace MFP's with BRC 400 controllers (DAS System)						
Unassigned	WL	GEM Building Replacement						
Unassigned	WL	Service Building Roof Replacement				125,000	125,000	
Unassigned	WL	Replace Stacker/Reclaimer Unit Substation (C1AAA2)						
Unassigned	WL	Replace Boiler Bldg Unit Sub Station (12B1)						
Unassigned	WL	FGD #1 Module ME panel replacement w/ drain boxes						
Unassigned	WL	Truck Auger Sampler Replacement		150,000	200,000			
Unassigned	WL	Replace Unit Substation (11B2 Transformer)						
Unassigned	WL	Precipitator Rapper Control Replacement						
Unassigned	WL	Conveyor Belt Replacement (10-1, #2)			100,000		100,000	
Unassigned	WL	Upper Stack Elevator Replacement						200,000
Unassigned	WL	Catalyst Regeneration (Regen 1 Layer)			750,000			
Unassigned	WL	Structural Improvements				250,000		
Total Wilson			14,500	170,000	1,135,000	465,000	320,000	295,000

TOTAL CAPEX

4,857,045	571,195	6,138,586	10,186,305	8,454,341	1,552,685
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**Big Rivers Electric Corporation
Capital Expenditures Budget for 2015
Gross of City Share (Includes Capital Interest)**

GROSS CAPITAL

<u>Project #</u>	<u>Dept</u>	<u>Description</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>YEAR</u>
WILSON									
Unassigned	WL	Misc. Safety Equipment							20,000
Unassigned	WL	Misc. Tools	25,000						50,000
Unassigned	WL	Misc. Capital		20,000	20,000				100,000
Unassigned	WL	Capital Valves					100,000		100,000
Unassigned	WL	Service Truck Welder							4,500
Unassigned	WL	John Boat & Motor Replacement							10,000
Unassigned	WL	Plasma Screen Replacement				15,000			15,000
Unassigned	WL	DCS Client Computer Replacement						15,000	15,000
Unassigned	WL	Filter Water Pump Replacement			19,000				19,000
Unassigned	WL	Clarified Water Pump Replacement				19,000			19,000
Unassigned	WL	CEMS computer replacement							25,000
Unassigned	WL	Tug Boat Generator Set							30,000
Unassigned	WL	Replace Fire Hydrants		40,000					40,000
Unassigned	WL	Steam Coil Drain Tank Replacements (1 of 2)					45,000		45,000
Unassigned	WL	Plant Air Receiver Tank Replacements (2 of 2)					50,000		50,000
Unassigned	WL	HVAC Replacements							75,000
Unassigned	WL	#1 Fly Ash Blower - 1st and 2nd Stage							75,000
Unassigned	WL	Expansion joints							150,000
Unassigned	WL	Replace 6.9KV480v Switchgear breakers					150,000		150,000
Unassigned	WL	Sootblower Replacement (IK55, IK42)	75,000				150,000		150,000
Unassigned	WL	Replace MFP's with BRC 400 controllers (DAS System)							150,000
Unassigned	WL	CEM Building Replacement					150,000		150,000
Unassigned	WL	Service Building Roof Replacement					150,000		150,000
Unassigned	WL	Replace Stacker/Reclaimer Unit Substation (C1AAA2)							250,000
Unassigned	WL	Replace Boiler Bldg Unit Sub Station (12B1)					300,000		300,000
Unassigned	WL	FGD #1 Module ME panel replacement w/ drain boxes					350,000		350,000
Unassigned	WL	Truck Auger Sampler Replacement					350,000		350,000
Unassigned	WL	Replace Unit Substation (11B2 Transformer)							350,000
Unassigned	WL	Precipitator Rapper Control Replacement					350,000		350,000
Unassigned	WL	Conveyor Belt Replacement (10-1, #2)	300,000				350,000		350,000
Unassigned	WL	Upper Stack Elevator Replacement							500,000
Unassigned	WL	Catalyst Regeneration (Regen 1 Layer)		300,000	250,000				750,000
Unassigned	WL	Structural Improvements	250,000		250,000	250,000			750,000
Total Wilson			650,000	360,000	539,000	284,000	2,495,000	15,000	6,742,500
TOTAL CAPEX			1,840,722	706,779	2,585,729	9,565,257	2,575,545	187,168	49,221,357

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BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 2)** *Refer to Big Rivers' application, page 5, paragraph 13.(iii), which states, "\$35*
2 *million will be used to replenish the Transition Reserve, that was prepaid on the RUS Note*
3 *on April 1, 2011." Also on page 5, paragraph 14 states that "Big Rivers will pay \$140*
4 *million of the proposed CoBank Term Loan, \$302 million of the proposed CFC Term Loan,*
5 *plus the \$35 million RUS Note prepaid status that resulted from the April 1, 2011, payment*
6 *of the Transition Reserve to reduce the Maximum Debt Balance on the RUS Note by \$477*
7 *million on the closing date, from \$561,603,000 to \$84,603,000." Explain whether the \$35*
8 *million will be used to replenish the Transition Reserve account or to reduce the balance of*
9 *the 5.75 percent Rural Utilities Services ("RUS") Note dated July 16, 2009 ("RUS Note").*

10
11 **Response)** At the closing of the proposed financing transactions, \$35,000,000 of the
12 proceeds from the CoBank Term Loan will be used to replenish the Transition Reserve. The
13 confusion created by the quoted language is probably best cured by drawing a clearer
14 distinction between the principal balance on the RUS Note, and the Allowed Balance as shown
15 on the RUS Maximum Debt Balance Schedule that is attached to the RUS Note.

16 At the same time, the \$35,000,000 prepayment on the principal of the RUS Note
17 will remain unchanged, and an additional \$442,000,000 will be paid on the principal of the
18 RUS Note. The principal balance of the RUS Note will then be \$84,603,000.

19 At the closing, the current RUS Maximum Debt Balance Schedule on the RUS
20 Note will be replaced with a revised schedule. On the revised schedule, the Allowed Balance
21 will be \$84,603,000, which will be the same as the principal balance on the RUS Note. At this
22 point the \$35,000,000 prepayment on the RUS Note becomes permanent, because Big Rivers
23 cannot "claw it back" without causing the principal balance on the RUS Note to exceed the
24 new Allowed Balance. The summary below provides additional clarity.

25

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
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Dated April 11, 2012**

April 23, 2012

	Outstanding Balance	Maximum Debt Balance	Prepaid Status
Pre-Closing	\$526,603,000	\$561,603,000	\$35,000,000
Reduction	(\$442,000,000)	(\$477,000,000)	(\$35,000,000)
Post-Closing	\$84,603,000	\$84,603,000	0

1
2
3
4

Witness) Mark A. Hite

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 3)** *Refer to the application, page 5, paragraph 14.*

2

3 *a. Paragraph 14 states that the Maximum Debt Balance on the RUS Note*
4 *will be reduced by \$477 million on the closing date, from \$561,603,000 to*
5 *\$84,603,000. Page 12 of the Testimony of Mark A. Hite ("Hite*
6 *Testimony"), lines 12 through 15, states that "[w]e estimate that the*
7 *outstanding balance on the RUS Note just prior to the proposed financing*
8 *transactions closing date of June 29, 2012, will be \$526,603,000."*

9 *Explain the difference between the \$561,603,000 RUS Note balance*
10 *mentioned in paragraph 14 and the \$526,603,000 balance referenced in*
11 *the Hite Testimony.*

12 *b. Starting at line 19, paragraph 14 states that "...the present value benefit*
13 *resulting from these transactions, discounted at 5.75 percent, is estimated*
14 *at \$28,559,298." The discount rate of 5.75 percent equals the interest rate*
15 *on the current RUS Note. Explain how it was determined that the 5.75*
16 *percent was reasonable for use in the net present value calculation.*

17

18 **Response)**

19 a. Please see the response to Item PSC1-2 above.

20 b. Big Rivers generally uses 5.75% as a discount rate when evaluating
21 economic options involving cash because that has historically been Big
22 Rivers' opportunity cost given that Big Rivers has the option to use excess
23 cash to prepay the RUS Series A Note. If Big Rivers has excess cash and
24 deploys it in some manner other than prepaying the RUS Series A Note, Big
25 Rivers is foregoing a 5.75% interest expense savings.

26

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1

2

3 **Witness)** Mark A. Hite

4

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 4)** *Confirm that after June 29, 2012, which is the proposed closing date for the*
2 *transactions described in the application, Big Rivers' liabilities will increase by a total*
3 *amount of \$103,155,800, of which \$60,000,000 is the amount to be used for capital*
4 *expenditures in the ordinary course of business plus \$43,155,800, which is the amount to be*
5 *used to finance the National Rural Utilities Cooperative Finance Corporation ("CFC")*
6 *Capital Term Certificates. If no, explain.*

7

8 **Response)** The total increase in Big Rivers' liabilities as of the closing will be
9 \$139,381,389 calculated in either of the following ways:

10

CoBank and CFC Term Loans	\$ 537,000,000	
RUS Series A Note (GAAP)	(440,774,411)	
CFC CTCs	43,155,800	
Increase in Liabilities	<u>\$ 139,381,389</u>	
Transition Reserve	\$ 35,000,000	
Capital Expenditures	60,000,000	
CFC CTCs	43,155,800	
RUS Series A Note Difference (GAAP vs. Stated)	<u>1,225,589</u>	(442,000,000)
Increase in Liabilities	<u>\$ 139,381,389</u>	

11

12

13

14 **Witness)** Mark A. Hite

15

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 5)** *Refer to the Hite Testimony, page 6, lines 15-16 wherein Mr. Hite states that*
2 *the all-in effective interest rate on the new CoBank Term Loan is expected to be*
3 *approximately 4.24 percent. Also, on page 10, lines 18-19, Mr. Hite states that the all-in*
4 *effective interest rate on the new CFC Secured Loan Agreement is expected to be*
5 *approximately 4.76 percent.*

6
7 *a. Explain why Big Rivers is not proposing to refinance the remaining*
8 *\$84,603,000 of the 5.75 percent RUS Note dated July 16, 2009.*

9 *b. Provide the calculation of the 4.24 percent CoBank Term Loan interest*
10 *rate.*

11 *c. Provide the calculation of the 4.76 percent CFC Loan interest rate or state*
12 *how it can be calculated by using the amounts provided in Exhibit H of*
13 *the application.*

14
15 **Response)**

16 a. Each of the term loan amounts, \$235,000,000 from CoBank and
17 \$302,000,000 from CFC, proposed in this Financing Application represent
18 the maximum amount available from these two lenders for the specified
19 purposes, at this time. While discussions with CoBank and CFC were fluid
20 and extended over several months, Big Rivers did seek to refinance the
21 entire \$526,603,000 RUS Series A Note outstanding balance. In connection
22 with the CoBank term loan, Big Rivers' ultimate decisions to (1) use
23 \$35,000,000 thereof to replenish the Transition Reserve account at the
24 closing, and (2) to allow using \$60,000,000 thereof for routine capital
25 expenditures, along with CoBank's final offer of an additional \$10,000,000

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

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1 (\$235,000,000 vs. \$225,000,000) due to excess syndicate commitment,
2 resulted in a remaining RUS Series A Note balance of \$84,603,000.

3 b. The 4.24% estimated all-in effective rate on the CoBank term loan was
4 calculated by factoring in the effects of a \$235,000,000 term loan, with 20-
5 year, level debt service, using an interest rate provided by CoBank. Also
6 included in the 4.24% calculation are the effects of the return of patronage
7 capital to Big Rivers and the closing fees payable to CoBank.

8 The level debt service calculation derives an approximately equal
9 total annual payment amount for all years of the loan. The determining
10 inputs for that calculation are: loan amount, term, and the interest rate. The
11 calculation takes those inputs and determines a uniform total annual
12 payment for all years. The amount of principal paid each year varies much
13 like a standard home mortgage loan.

14 Patronage capital retirements are calculated by multiplying the
15 CoBank-estimated effective cash patronage rate of 0.62% times each year's
16 annual average principal balance outstanding.

17 Net cash flow is the basis for the 4.24% all-in CoBank rate. Net
18 annual cash flow is the aggregate of: project principal payment, project
19 interest, annual patronage capital retired, and the closing fees payable to
20 CoBank. The all-in effective rate of 4.24% is an internal rate of return
21 ("IRR") on the estimated annual cash flows spanning from the initial project
22 advance through the final patronage capital retirement. Also, please see Big
23 Rivers' response to PSC 1-14.

24 c. The 4.76% estimated all-in effective rate on the CFC term loan was
25 calculated by factoring in the effects of a \$302,000,000 term loan, with 20-
26 year, level debt service, using recent CFC interest rates (serial note pricing).

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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1 Also included in the 4.76% calculation are the effects of a CFC Capital
2 Term Certificate (CTC) loan from CFC, the interest on that loan, the yield
3 earned on that equity investment in CFC, as well as the return of patronage
4 capital to Big Rivers.

5 The level debt service calculation derives an equal total annual
6 payment amount for all years of the loan. The determining inputs for the
7 calculation are: loan amount, term, and interest rates as of a certain point in
8 time. This calculation takes those inputs and determines a uniform total
9 annual payment for all years. The amount of principal paid each year varies
10 much like a standard home mortgage loan, understanding the nature of the
11 serial note pricing structure. Also note that the serial note pricing structure
12 results in accelerated principal retirement.

13 Patronage capital allocations are calculated according to CFC policy,
14 which currently requires an 8% retirement. CFC allocates 8% of annual
15 interest to be paid back to the borrower. CFC pays (retires) 50% of this total
16 immediately and allocates the remaining 50% for retirement 25 years after
17 the initial retirement.

18 CFC requires an equity certificate purchase of 14.29% of the total
19 project amount. In the instant case, the \$302,000,000 project loan produces
20 an equity requirement, the purchase of CTCs, of \$43,155,800. CFC
21 provides a separate loan to finance the purchase of the equity certificates.

22 The CTC loan amortizes at the exact rate of the project loan. Interest
23 charged for CTC loans is set by CFC and multiplied by the remaining
24 portion of the equity loan. CFC currently offers a CTC yield of 70%,
25 meaning that 70% of the interest charged for CTCs in a given year is paid
26 back to the borrower.

BIG RIVERS ELECTRIC CORPORATION

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1 Net cash flow is the basis for the 4.76% all-in CFC rate. Net annual
2 cash flow is the aggregate of: project principal payment, project interest,
3 annual patronage capital retired, CTC interest, and CTC yield. The all-in
4 effective rate of 4.76% is an IRR on the estimated annual cash flows
5 spanning from the initial project advance through the final patronage capital
6 retirement. Also, please see Big Rivers' response to PSC 1-14.

7
8
9
10

Witness) Mark A. Hite

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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- 1 **Item 6)** *Provide a schedule showing the following:*
2
3 *a. A listing of both the existing financing and the proposed financing down*
4 *the left side of the schedule.*
5 *b. In the second column show the current balances of the existing financing*
6 *instruments.*
7 *c. In the third, fourth and fifth columns show the amounts of the proposed*
8 *financing along with how the proposed funds will be used. For example,*
9 *forth CoBank Term Loan column, \$235 million, (\$140) million used to*
10 *reduce the RUS Note would be shown and the (\$35) million used to*
11 *replenish the Transition Reserve would all be shown in column 3.*
12 *Columns 4 and 5 would show the effects of the CoBank Revolver and the*
13 *CFC Loan with column 5 showing the loan balances.*
14 *d. Include the effects of the interest-bearing Capital Term Certificates from*
15 *CFC and the CFC Equity Loan in the amount of \$43,155,800. Include*
16 *the projected interest rate for the Capital Term Certificates.*
17 *e. Using the current existing interest rates along with the anticipated all-in*
18 *effective interest rates, show the difference in annual interest expense*
19 *before and after the proposed refinancing.*
20 *f. Show any net change in Big Rivers' liabilities before and after the*
21 *proposed refinancing.*

22
23 **Response)**

- 24 a. Please see the Schedule of Proposed Financings attached hereto.
25 b. Please see the response to PSC 1-6a.

BIG RIVERS ELECTRIC CORPORATION

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- 1 c. Please see the response to PSC 1-6a. Note that there is no effect resulting
2 from the renewal of the \$50,000,000 CoBank Revolver.
- 3 d. Please see the response to PSC 1-6a. The Capital Term Certificate Equity
4 Loan from CFC is included in the above schedule. The projected interest
5 rate for the Equity Loan is 5.65%.
- 6 e. Please see Interest Schedule Before and After Proposed Financing which is
7 attached hereto. The decrease in annualized all-in interest expense is
8 \$1,421,349. Note that the decrease in annualized all-in interest expense
9 associated with only the refinancing of the RUS Series A Note is
10 \$5,446,196. Also note that these reductions exclude amortization of the
11 \$1,225,589 loss associated with the refinancing.

12 The derivation of the CoBank estimated 4.24% and the CFC
13 estimated 4.76% all-in effective rates are described in response to Items 5b.
14 and c., respectively. Such all-in effective rates do not include the straight
15 line amortization of the refinancing loss associated with the RUS and GAAP
16 accounting for the RUS Series A Note. And, as discussed on lines 5 through
17 9 on page 16 of Exhibit 15 of the Application, the estimated cost of Big
18 Rivers' counsel, which is not, included therein, along with the closing costs
19 paid to CoBank, will be deferred and amortized on a straight line basis over
20 the life of the term loans. In reality, five elements of Big Rivers' statement
21 of operations will be impacted by the accounting for the CoBank and CFC
22 term loans, as follows: interest expense, amortization of refinancing loss,
23 amortization of refinancing expenses, interest income and patronage
24 allocations. And, understandably, the amounts thereof will be different from
25 period to period.

BIG RIVERS ELECTRIC CORPORATION

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1 f. Please see the response to PSC 1-6a. The increase in liabilities after the
2 proposed financing is \$139,381,389.

3

4

5 **Witness)** Mark A. Hite

6

Big Rivers Electric Corporation Schedule of Proposed Financings

Existing Financing	Balance before Financing					
RUS Series A Note (GAAP)	\$	524,855,744				
RUS Series B Note (GAAP)		126,622,227				
Pollution Control Bonds, Series 1983		58,800,000				
Pollution Control Bonds, Series 2010		83,300,000				
CoBank Revolver		0				
CFC Revolver		0				
	\$	793,577,971				
Proposed Financing	Balance before Financing		CoBank Term Loan	CFC Equity & Term Loan	GAAP to Stated Difference	Balance after Financing
RUS Series A Note	\$	524,855,744	\$ (140,000,000)	\$ (302,000,000)	\$ 1,225,589	\$ 84,081,333
RUS Series B Note		126,622,227				126,622,227
Pollution Control Bonds, Series 1983		58,800,000				58,800,000
Pollution Control Bonds, Series 2010		83,300,000				83,300,000
CoBank Revolver		0				0
CFC Revolver		0				0
CoBank Term Loan used to pay down RUS Series A Note			140,000,000			140,000,000
CoBank Term Loan used for capital expenditures			-60,000,000			60,000,000
CoBank Term Loan used to replenish the transition reserve			35,000,000			35,000,000
CFC Equity Loan (LCTC)*				43,155,800		43,155,800
CFC Term Loan				302,000,000		302,000,000
	\$	793,577,971	\$ 95,000,000	\$ 43,155,800	\$ 1,225,589	\$ 932,959,360
Increase in liabilities after proposed financing (Response to 6f)						\$ 139,381,389

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Attachment for Responses to PSC 1-6a, 1-6b, 1-6c, 1-6d, and 1-6f

Witness: Mark A. Hite

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Big Rivers Electric Corporation
Interest Comparison Before and After Proposed Financing

Existing Financing	Balance before Financing	Existing Interest Rate	Annual Interest Expense
RUS Series A Note (GAAP)*	\$ 524,855,744	5.85%	\$ 30,679,681
RUS Series B Note (GAAP)	126,622,227	5.80%	7,344,089
Pollution Control Bonds, Series 1983	58,800,000	3.25%	1,911,000
Pollution Control Bonds, Series 2010	83,300,000	6.00%	4,998,000
CoBank Revolver	0		0
CFC Revolver	0		0
	\$ 793,577,971		\$ 44,932,770
Proposed Financing	Balance after Financing	All-in effective interest rate	Annual Interest Expense
RUS Series A Note	\$ 84,081,333	5.85%	\$ 4,914,852
RUS Series B Note	126,622,227	5.80%	7,344,089
Pollution Control Bonds, Series 1983	58,800,000	3.25%	1,911,000
Pollution Control Bonds, Series 2010	83,300,000	6.00%	4,998,000
CoBank Revolver	0		0
CFC Revolver	0		0
CoBank Term Loan used to pay down RUS Series A Note	140,000,000	4.24%	5,931,353
CoBank Term Loan used for capital expenditures	60,000,000	4.24%	2,542,008
CoBank Term Loan used to replenish the transition reserve	35,000,000	4.24%	1,482,838
CFC Term Loan**	302,000,000	4.76%	14,387,280
	\$ 889,803,560		\$ 43,511,421
Decrease in interest expense after proposed financing			\$ 1,421,349

*RUS Series A note interest rate for GAAP purposes is 5.85%, as compared to the 5.75% stated interest rate
** CFC Term Loan All-in effective interest rate of 4.76% includes net interest for the Equity Loan

BIG RIVERS ELECTRIC CORPORATION

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1 **Item 7)** *Refer to the Hite Testimony, page 13, lines 3 through 6, which state that "Big*
2 *Rivers is obligated to make payments to RUS on the RUS Note of \$60 million by October 1,*
3 *2012 and to make another payment on the RUS Note of \$200 million by January 1, 2016."*
4 *Confirm the \$60 million and the \$200 million payments are principal payments.*

5

6 **Response)** Yes.

7

8

9 **Witness)** Mark A. Hite

10

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
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1 **Item 8)** *Refer to the Hite Testimony, page 17, lines 14 through 17, which state “[a]t*
2 *the next meeting of the Big Rivers Board, which currently is scheduled for April 20, 2012,*
3 *Big Rivers will obtain the comprehensive Board resolution authorizing it to restructure its*
4 *finances in the manner contemplated.” When available, provide a copy of the resolution*
5 *authorizing the restructuring of the financing as contemplated in this proceeding.*

6

7 **Response)** Big Rivers will provide this resolution approving all the documents for the
8 closing when it is available. Because this resolution is not required until the closing, which is
9 set for June 29, Big Rivers has postponed preparing and submitting the resolution to the board
10 of directors until its May meeting. Attached to this response are excerpts from the minutes of
11 Big Rivers’ board of directors meetings in December of 2011 and January of 2012 related to
12 these financing transactions.

13

14

15 **Witness)** Mark A. Hite

16

**EXCERPT FROM THE MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF BIG RIVERS ELECTRIC CORPORATION
HELD IN HENDERSON, KENTUCKY, ON
DECEMBER 16, 2011**

After an explanation by Mr. Blackburn on refinancing options, Director Elder moved that the following resolution be approved:

WHEREAS, Big Rivers Electric Corporation (the "Corporation") is seeking to refinance a portion of its debt with the Rural Utilities Service ("RUS"); and

WHEREAS, representatives of the Corporation have had promising initial discussions with the National Rural Utilities Cooperative Finance Corporation ("CFC") regarding the participation of CFC in that proposed transaction; and

WHEREAS, the Corporation's management has presented the Board of Directors with management's plan for that proposed transaction, and the terms initially proposed by CFC for the proposed transaction.

NOW, THEREFORE, the Board hereby resolves as follows:

RESOLVED, that each of the following is an Authorized Representative: The President and Chief Executive Officer of the Corporation and the Senior Vice President of the Corporation;

RESOLVED, FURTHER, that the Authorized Representatives be, and each of them hereby is, authorized and directed to seek and negotiate the terms and documents necessary for obtaining from CFC a term loan in an amount not to exceed \$302 million (the "Credit Transaction"), on such terms and conditions as the Authorized Representatives believe are in the best interest of the Corporation, with the final terms and documents being subject to approval by the Board of Directors of the Corporation;

RESOLVED, FURTHER, that the Authorized Representatives be, and each of them hereby is, authorized and directed to execute and deliver to CFC on behalf of the Corporation, at such time as the Authorized Representatives are satisfied with the terms for the Credit Transaction negotiated with CFC, an engagement letter reflecting the basic terms for the Credit Transaction that are acceptable to the Authorized Representatives in their judgment, for purposes of finalizing drafts of the definitive documents for the Credit Transactions that can be submitted to the Board of Directors of the Corporation for approval;

RESOLVED, FURTHER, that the Authorized Representatives be, and each of them hereby is, authorized and directed to execute and deliver to CFC on behalf of the Corporation, an agreement in a form acceptable to the Authorized Representatives and consistent with agreements customarily provided under these circumstances, by which the Authorized Representatives commit the Corporation to pay the reasonable counsel fees and expenses incurred by CFC in connection with the Credit Transaction; and

**EXCERPT FROM THE MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF BIG RIVERS ELECTRIC CORPORATION
HELD IN HENDERSON, KENTUCKY, ON
DECEMBER 16, 2011**

RESOLVED, FURTHER, that the Authorized Representatives of the Corporation be, and each of them hereby is authorized and directed for, and on behalf of the Corporation, to execute all such agreements, documents, instruments certificates, and other papers, and to do all such acts and things as may be necessary or desirable to accomplish the tasks contemplated in these resolutions, including, without limitation, initiating the processes to obtain all approvals or consents from the Corporation's other creditors, including its indenture trustee, and the Kentucky Public Service Commission, and the carrying out of the terms of the various agreements and documents authorized or approved in the foregoing resolutions, and to otherwise carry out the purposes and intent of the foregoing resolutions; and any such acts or things done or accomplished prior to the date hereof in furtherance of the foregoing be, and they hereby are, in all respects approved and ratified.

The motion was seconded and unanimously adopted.

I, Paula Mitchell, Executive Secretary of the Board of Directors of Big Rivers Electric Corporation, hereby certify that the above is a true and correct excerpt from the minutes of the Regular Meeting of the Board of Directors of said Corporation held on 12-16-11.



**EXCERPT FROM THE MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF BIG RIVERS ELECTRIC CORPORATION
HELD IN HENDERSON, KENTUCKY, ON
JANUARY 20, 2012**

After an explanation by Mr. Blackburn regarding refinancing, Director Denton moved that management be authorized to execute the CoBank and CFC term sheets and final documents. The motion was seconded and unanimously adopted.

I, Paula Mitchell, Executive Secretary of the Board of Directors of Big Rivers Electric Corporation, hereby certify that the above is a true and correct excerpt from the minutes of the Regular Meeting of the Board of Directors of said Corporation held on 1-20-12.

Paula Mitchell

**EXCERPT FROM THE MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF BIG RIVERS ELECTRIC CORPORATION
HELD IN HENDERSON, KENTUCKY, ON
DECEMBER 16, 2011**

Director Elder moved that the following resolution be approved:

WHEREAS, Big Rivers Electric Corporation (the "Corporation") is seeking to refinance a portion of its debt with the Rural Utilities Service ("RUS") and to renew or replace its existing revolving credit facility with CoBank ACB ("CoBank"); and

WHEREAS, representatives of the Corporation have had promising initial discussions with CoBank regarding the participation of CoBank in those proposed transactions; and

WHEREAS, the Corporation's management has presented the Board of Directors with management's plan for those proposed transactions, and the terms initially proposed by CoBank for the proposed transactions.

NOW, THEREFORE, the Board hereby resolves as follows:

RESOLVED, that each of the following is an Authorized Representative: The President and Chief Executive Officer of the Corporation and the Senior Vice President Financial & Energy Services & CFO of the Corporation;

RESOLVED, FURTHER, that the Authorized Representatives be, and each of them hereby is, authorized and directed to seek and negotiate the terms and documents necessary for obtaining from CoBank a term loan in an amount not to exceed \$225 million, and a revolving credit facility in an amount not to exceed \$50 million (the "Credit Transactions"), on such terms and conditions as the Authorized Representatives believe are in the best interest of the Corporation, with the final terms and documents being subject to approval by the Board of Directors of the Corporation;

RESOLVED, FURTHER, that the Authorized Representatives be, and each of them hereby is, authorized and directed to execute and deliver to CoBank on behalf of the Corporation, at such time as the Authorized Representatives are satisfied with the terms for the Credit Transactions negotiated with CoBank, a "Mandate Letter" similar to that provided by CoBank and described and exhibited to the Board of Directors, but reflecting such other or modified terms that are acceptable to the Authorized Representatives in their judgment, for purposes of finalizing drafts of the definitive documents for the Credit Transactions that can be submitted to the Board of Directors of the Corporation;

RESOLVED, FURTHER, that the Authorized Representatives be, and each of them hereby is, authorized and directed to execute and deliver to CoBank on behalf of the Corporation, an agreement in a form acceptable to the Authorized Representatives and consistent with agreements customarily provided under these circumstances, by which the Authorized Representatives commit the Corporation to pay the reasonable counsel fees and expenses incurred by CoBank in connection with the Credit Transaction; and

**EXCERPT FROM THE MINUTES OF REGULAR MEETING
OF THE BOARD OF DIRECTORS
OF BIG RIVERS ELECTRIC CORPORATION
HELD IN HENDERSON, KENTUCKY, ON
DECEMBER 16, 2011**

RESOLVED, FURTHER, that the Authorized Representatives of the Corporation be, and each of them hereby is authorized and directed for, and on behalf of the Corporation, to execute all such agreements, documents, instruments certificates, and other papers, and to do all such acts and things as may be necessary or desirable to accomplish the tasks contemplated in these resolutions, including, without limitation, initiating the processes to obtain all approvals or consents from the Corporation's other creditors, including its indenture trustee, and the Kentucky Public Service Commission, and the carrying out of the terms of the various agreements and documents authorized or approved in the foregoing resolutions, and to otherwise carry out the purposes and intent of the foregoing resolutions; and any such acts or things done or accomplished prior to the date hereof in furtherance of the foregoing be, and they hereby are, in all respects approved and ratified.

The motion was seconded and unanimously adopted.

I, Paula Mitchell, Executive Secretary of the Board of Directors of Big Rivers Electric Corporation, hereby certify that the above is a true and correct excerpt from the minutes of the Regular Meeting of the Board of Directors of said Corporation held on 12-16-11.

Paula Mitchell

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Attachment for Response to PSC 1-8
Witness: Mark A. Hite
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BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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1 **Item 9)** *Refer to Exhibit 12 of the application, the CFC Loan Agreement, page 16.*
2 *Provide an explanation of paragraph K and its relation to the CFC Equity Loan of*
3 *\$43,155,800 which, as stated on page 4 of the application, was calculated by multiplying*
4 *14.29 percent by the \$302,000,000 Refinance Note.*

5

6 **Response)** While the \$43,155,800 Equity Note is 14.29% of the \$302,000,000 Refinance
7 Note, the Equity Note is 12.5% of the aggregate of the Refinance Note and the Equity Note.
8 This allows CFC to maintain a leverage ratio of 8:1, enabling them quick and effective access
9 to the capital markets. CFC, as a cooperative, raises its equity through investments from its
10 members. One of the primary investment products are CFC CTCs. On any term loan, a CFC
11 member is required to purchase equity, or CTCs, such that CFC's 8:1 leverage ratio is
12 maintained. For clarity, the computations thereof are as follows:

13

Refinance Note	\$302,000,000
Equity Note %	14.29%
Equity Note	\$43,155,800
Aggregate Notes	\$345,155,800
Aggregate Notes %	12.50%

14

15

16 **Witness)** Mark A. Hite

17

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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1 **Item 10)** *Refer to the Hite Testimony, Exhibit E. Confirm that this exhibit does not*
2 *include the cash flow effects of the \$60,000,000 and \$35,000,000 borrowing from CoBank*
3 *for capital expenditures in the ordinary course of business and for the replenishing of the*
4 *Transition Reserve, respectively. If this cannot be confirmed, explain. Provide a revised*
5 *Exhibit E showing the effects of the additional \$95,000,000 borrowing from CoBank.*

6

7 **Response)** Exhibit E, Table A does not include the aforementioned \$60,000,000 and
8 \$35,000,000 borrowing from CoBank. These amounts are shown separately on Tables B and C
9 in Exhibit E. Attach hereto is a new schedule showing the entire CoBank borrowing of
10 \$235,000,000, as compared with paying down the RUS Series A Note.

11

12

13 **Witness)** Mark A. Hite

14

Big Rivers Electric Corporation

Revised Exhibit E, Table A

Exhibit A - Economic Analysis

Item 10 Response - Borrow \$537mm

Discount Rate	5.75%
---------------	-------

Cash Flows - Net Outflow

Period				Sum of Cash Flows	Option 2 - Status Quo	
	CoBank Term Loan	CFC Term Loan	RUS Series A Note		RUS Series A Note - with no pay down	
0	\$93,893,026	\$0	(\$7,280,358)	\$86,612,668		\$0
1	(\$16,737,450)	(23,885,108)	(3,671,755)	(44,294,313)		(106,702,764)
2	(\$16,733,341)	(23,880,074)	(4,864,673)	(45,478,088)		(46,693,037)
3	(\$16,773,028)	(23,874,899)	(4,864,673)	(45,512,599)		(46,693,516)
4	(\$16,842,174)	(23,869,578)	(4,874,650)	(45,586,402)		(246,314,386)
5	(\$16,858,497)	(23,865,009)	(4,881,351)	(45,604,857)		(45,188,190)
6	(\$16,904,479)	(23,861,232)	(4,851,345)	(45,617,056)		(45,201,395)
7	(\$16,952,771)	(23,858,774)	(4,851,345)	(45,662,890)		(45,200,743)
8	(\$17,026,097)	(23,857,722)	(32,592,384)	(73,476,203)		(45,191,024)
9	(\$17,056,722)	(23,857,660)	(47,208,275)	(88,122,656)		(22,002,000)
10	(\$17,112,626)	(23,858,670)	(11,801,795)	(52,773,091)		0
11	(\$17,171,317)	(23,860,842)	0	(41,032,158)		0
12	(\$17,249,707)	(23,863,693)	0	(41,113,400)		0
13	(\$17,297,614)	(23,866,980)	0	(41,164,595)		0
14	(\$17,365,511)	(23,871,055)	0	(41,236,566)		0
15	(\$17,436,778)	(23,875,655)	0	(41,312,433)		0
16	(\$17,521,292)	(23,881,172)	0	(41,402,465)		0
17	(\$17,590,086)	(23,890,993)	0	(41,481,079)		0
18	(\$17,672,481)	(23,901,728)	0	(41,574,209)		0
19	(\$17,758,951)	(23,913,452)	0	(41,672,403)		0
20	(\$17,850,879)	(23,926,249)	0	(41,777,128)		0
21	\$20,904	0	0	20,904		0
22	\$0	0	0	0		0
23	0	0	0	0		0
24	0	0	0	0		0
25	0	0	0	0		0
26	0	542,305	0	542,305		0
27	0	530,573	0	530,573		0
28	0	518,510	0	518,510		0
29	0	506,105	0	506,105		0
30	0	492,448	0	492,448		0
31	0	477,447	0	477,447		0
32	0	460,522	0	460,522		0
33	0	441,509	0	441,509		0
34	0	420,737	0	420,737		0
35	0	398,055	0	398,055		0
36	0	373,296	0	373,296		0
37	0	346,856	0	346,856		0
38	0	318,915	0	318,915		0
39	0	289,057	0	289,057		0
40	0	257,469	0	257,469		0
41	0	223,688	0	223,688		0
42	0	184,241	0	184,241		0
43	0	142,287	0	142,287		0
44	0	97,649	0	97,649		0
45	0	50,137	0	50,137		0

Nominal Cash Flows	(\$249,997,872)	(\$470,448,740)	(\$131,742,603)	(\$852,189,214)	(\$649,187,056)
			PV	(\$474,160,542)	(\$518,340,364)
			NPV of Option 1 in lieu of Option 2		\$44,179,822

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 11)** *Refer to the Hite Testimony, Exhibits E and F. Exhibit E provides the cash*
2 *outflow for \$140,000,000 of the CoBank Term Loan to be \$208,891,510. Explain where this*
3 *amount can be found on Exhibit F, page 1 of 3, which is an amortization schedule for*
4 *\$140,000,000 of the CoBank Term Loan.*

5

6 **Response)** The \$208,891,510 is the sum of all cash flows (net outflows). Please refer to
7 page 1 of 3 of Hite Testimony, Exhibit F. The total line at the bottom (for column referenced
8 as: "Total Cash Flows Incl. Patronage & Upfront Fee Amort") is shown as \$208,232,036,
9 which does not include the closing fees listed at the top of the page of \$659,474, which occur
10 at the time of financing. The sum of these cash flows is \$208,891,510.

11

12

13 **Witness)** Mark A. Hite

14

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
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**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

1 **Item 12)** *Refer to the Hite Testimony, Exhibit F. Explain the columns between the*
2 *“Debt Service” and “Ending Balance” columns.*

3

4 **Response)** Please see the response to PSC 1-14. An electronic version of this information,
5 with formulas intact, is provided on the CD accompanying these data responses. Exhibit F was
6 originally provided by CoBank and was utilized by Big Rivers as an evaluation tool. Principal
7 payment is the only computation that is dependent upon the notional columns.

8

9

10 **Witness)** Mark A. Hite

11

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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April 23, 2012

1 **Item 13)** *Refer to the Hite Testimony, Exhibit H. Provide an explanation of how the*
2 *information contained in each column is calculated along with the rationale or the support*
3 *for the calculations.*

4
5 **Response)** Please see the response to PSC1-14. An electronic version of this information,
6 with formulas intact, is provided on the CD accompanying these data responses. Exhibit H
7 was originally provided by CFC and was utilized by Big Rivers as an evaluation tool. Also
8 refer to the responses to PSC 1-5b. and PSC1-5c., which explain the elements of the all-in
9 effective interest rate.

10

11

12 **Witness)** Mark A. Hite

13

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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April 23, 2012

1 **Item 14)** *Provide a copy of Exhibits E, F, G, H and I in electronic format with*
2 *formulae intact and unprotected.*

3

4 **Response)** Exhibits E, F, G, H, and I in electronic format with formulae intact and
5 unprotected are provided on the CD accompanying these responses. Please reference all
6 worksheets entitled Exhibit E through Exhibit I.

7

8

9 **Witness)** Mark A. Hite

10

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
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April 23, 2012

1 **Item 15)** *Refer to the Hite Testimony, Exhibit Hite-3, page 1 of 3, in Case No. 2012-*
2 *00063.¹*

3
4 *a. Reconcile the amount in the statement “CoBank/CFC debt issue (\$527*
5 *million)” with the amounts in paragraph 8 of the application in this*
6 *proceeding where it states “Big Rivers proposes to borrow \$235 million*
7 *from CoBank and paragraph 10 where it states “Big Rivers proposes to*
8 *borrow \$302 million from the National Rural Utilities Cooperative*
9 *Finance Corporation.”*

10 *b. Reconcile the amount in the statement “used to retire \$467 million of RUS*
11 *Series A Note April 2012 and fund capital expenditures” with the amount*
12 *in paragraph 13(i) of the application in this proceeding where it states*
13 *“\$442 million will be prepaid on the 5.75% RUS Notes”*

14
15 **Response)**

16 a. After Hite Testimony, Exhibit Hite-3, in Case No. 2012-00063 was
17 completed, CoBank proposed an increase of \$10,000,000 in the CoBank
18 Term Loan. The additional \$10,000,000 offered by CoBank was
19 incorporated into this application. Regarding Case 2012-00063, since
20 \$527,000,000 was an assumption common amongst all scenarios, the
21 additional \$10,000,000 has no effect on the relative difference between the
22 scenarios.

¹ Case No. 2012-00063, Application of Big Rivers Electric Corporation for Approval if Its 2012 Environmental Compliance Plan, for Approval of its Amended Environmental Cost Recovery Surcharge Tariff, for Certificates of Public Convenience and Necessity and for Authority to Establish a Regulatory Account (filed Apr 2, 2012).

BIG RIVERS ELECTRIC CORPORATION

**APPLICATION OF BIG RIVERS ELECTRIC CORPORATION
FOR APPROVAL TO ISSUE EVIDENCES OF INDEBTEDNESS
CASE NO. 2012-00119**

**Response to Commission Staff's
Initial Request for Information
Dated April 11, 2012**

April 23, 2012

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b. At the time Big Rivers filed Case No. 2012-00063, the assumption was that Big Rivers would use the proceeds of the \$527,000,000 CoBank and CFC Term Loans to fund \$60,000,000 of routine capital expenditures and refinance \$467,000,000 of the RUS Series A Note. Further, it was assumed Big Rivers would replenish the \$35,000,000 Transition Reserve out of its operating cash, and subsequently claw back such amount by avoiding future RUS Series A Note payments until the RUS Series A Note balance equaled the Allowed Balance under the RUS Maximum Debt Balance Schedule. Since filing Case No. 2012-00063, Big Rivers' management determined that it would be more prudent to utilize cash from the CoBank and CFC Term Loans to replenish the Transition Reserve at closing, rather than using Big Rivers' operating cash, so as to be less reliant on its lines of credit in the future. Replenishing the \$35,000,000 Transition Reserve, less the additional \$10,000,000 from CoBank (\$235,000,000 vs. \$225,000,000) mentioned in the response to item 15a. above, accounts for the \$25,000,000 difference. Regarding Case 2012-00063, since the aforementioned assumption was common amongst all scenarios, this change has no effect on the relative difference between the scenarios.

Witness) Mark A. Hite