BIG RIVERS ELECTRIC CORPORATION

OF

HENDERSON, KENTUCKY

RATES. RULES AND ADMINISTRATIVE REGULATIONS FOR FURNISHING

ELECTRIC SERVICE

AT

BRECKINRIDGE, CALDWELL, CRITTENDEN, DAVIESS, GRAYSON, HANCOCK, HARDIN, HENDERSON, HOPKINS, LYON, MCLEAN, MEADE, MUHLENBERG, OHIO, UNION, MCCRACKEN, LIVINGSTON, BALLARD, CARLISLE, MARSHALL, GRAVES AND WEBSTER COUNTIES

FILED WITH PUBLIC SERVICE COMMISSION OF KENTUCKY

Issued August 12, 1998	Effective July 18, 1998	

By Big Rivers Electric Corporation

11.1. a. 1 (18 16)

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

0-11/09

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

SECRETARY OF THE COMMISSION



ELEC	TRIC CO	DRPORATIO		PSC No. 2: Original Sheet No
			RULES AND REGULATIONS	
Α.	SPECLA	L RULES -	ELECTRICAL SERVICE	
	1. <u>E</u>	Billing Dema	nd:	
	а	•	rposes of establishing billing demands, all delivited into one of three categories, as follows:	ery points shall be
		(1)	Smelter Delivery Points (i.e., Southwire and A	lcan)
		(2)	Large Industrial Customer Delivery Points (i.e. industrial customer taking service from a dedic as described in Section 7.a.).	
		(3)	Rural Delivery Points (i.e. all delivery points no or (2) of this paragraph 1.a.)	ot described in (1)
			specifically stated otherwise in a rate schedule to a shall be determined as follows:	to this tariff, Billin
		(1)	Smelter Delivery Points As provided in the ir with Southwire and Alcan, using where applicating integrated thirty-minute demand at each delivery	ble the maximum
SERVICE COF KENTUCE COF KENTUCE FFECTIVE	VE	(2)	Large Industrial Customer Delivery Points The integrated thirty-minute demand at each delivery month, or the contract demand, whichever is greater than the contract demand.	y point during each
ANT TO 80 SECTION	7 KAR 5:01		Rural Delivery Points The monthly rural Billi each distribution cooperative shall be the maxim thirty-minute coincident demand of its rural deli	num integrated very points.
Emily of			JUL 1	7 2009
Date of Issued B	111	August 12, 19	Big Rivers Electric Corporation, P.O. Box 24, H	



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For All Territory Served By perative's Transmission System

	Cooperative	es traismission system
CAPCRATION		PSC No. 22
		Original Sheet No . 3
	Cancelling	Sheet No.
RULES AND REGULA	TIONS	
Contract Demand:		
Upon mutual agreement with Member, a certain customers.	Contract Demand	d may be established for
Metering:		
The Seller shall meter all power and ener the Member. Meters and metering equip read or caused to be furnished, maintaine	ment shall be furn	ished, maintained and
Electric Characteristics and Delivery Poin	nt(s):	
Electric power and energy to be furnished three-phase, sixty Hertz. The Seller shall between the systems of the Seller and the parties will specify the initial points of de prior to the commencement of service her agreed upon by the Seller and the Membe	make and pay for Member at the po- livery, delivery ve- eunder. Addition	r all final connections pint(s) of delivery. The poltages and capacity hal points shall be
Substations:		
The Member shall install, own and mainta at the point(s) of connection unless otherw own and maintain switching and protectiv necessary to enable the Member to take an hereunder and to protect the system of the	vise agreed to by a re equipment which and use the electric	Seller. The Seller shall th may be reasonably

EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011.

SECTION 9 (1)

Date of Issue gust 12, 1998

Date Effective

July 18, 1998

Issued By

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



		PSC No. 22
		Original Sheet No . 4
	Cancelling	Sheet No.
RULES AND REG	ULATIONS	
RULES AND REG	ULATIONS	

KENTUCKY PUBLIC SERVICE COMMISSION

6. Rate:

The Board of Directors of the Seller at such intervals as it shall deem appropriate, but in any event not less frequently than once in each calendar year, shall review the rate for electric power and energy furnished hereunder and, if necessary, shall revise such rate so that it shall produce revenues which shall be sufficient, but only sufficient, to meet the cost of operation and maintenance (including without limitation, replacements, insurance, taxes, and administrative and general overhead expenses) of the generating plant, transmission system and related facilities of the Seller, the cost of any power and energy purchased for resale hereunder by the Seller, the cost of transmission service, make payments on account of principal of and interest on all indebtedness of the Seller, and to provide for the establishment and maintenance of reasonable reserves. The Seller shall cause a notice in writing to be given to the Member, which shall set out all the proposed revisions of the rate.

7. Discount Adjustment:

At the discretion of the Board of Directors, and with the prior approval of the Public Service Commission, an appropriate discount may be authorized at such time as substantial application of the rate indicates revenues in excess of projected and relative levels of the rate design.

8. Meter Testing and Billing Adjustment:

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 307 KAR 5.011.
SECTION 9 (1)
BY: SECRETARY OF THE COMMISSION

Unless specifically stated otherwise in a contract or rate schedule to this tariff, the Seller shall test and calibrate meters in accordance with the provisions of 807 KAR 5:041, Sections 15 and 17. The Seller shall also make special meter tests at any time at the Member's request. The costs of all tests shall be borne by the Seller; provided, however, that if any special meter test made at the Member's request shall disclose that the meters are recording accurately, the Member shall reimburse the Seller for the cost of such test. Meters registering not more than two percent (2%) above or below normal shall be deemed to be accurate. The

Date of Issue August/12, 1998	Date Effective _	July 18,	1998
Issued By Millie	Big Rivers Electric Corporation,		A B I was a second seco
Issued By Authority of PSC in Case	No. 98-267, Order dated July 14,	1998	JUL 17 2009



For All Territory Served By Cooperative's Transmission System

ELECTRIC	CRECRATION	Cancelling	PSC No. 22 Original Sheet No. 5 Sheet No.
	RULES AND RE	EGULATIONS	
	readings of any meter which shall shall be corrected for the ninety (9) the percentage of inaccuracy found for any period, the Member and the furnished during such period and the	0) days previous to so I by such test. If any e Seller shall agree as	uch test in accordance with meter shall fail to register s to the amount of energy
9. <u>Mon</u>	itoring Uses:		
	Seller shall review members' usage for the current month to the previous given for monthly deviations due to along with a comparison to other sist comparison is made between the cudata, when demand or energy levels of the member cooperatives have S of usage and at times are used for cometering deviation.	us month's metered a temperature related ites with similar load urrent month's usage s appear to be out of cada systems which	mounts. Consideration is increases or decreases, patterns. A second and the previous year's line. Additionally, three provide hourly printouts
	A meter test is performed whenever problem. Seller has in place a Billi representatives from Energy Contro Accounting. This committee review demand and energy quantities appli explanation accompanies the bill ex	ng Review Committed of the Engineering and The was all special metering cable to the billing p	ee consisting of ransmission, and a situations which affect eriod. A written letter of
UBLIC SERVICE COMMISSIC OF KENTUCKY EFFECTIVE)Nwas made.		
10. JUL 18 1998	Notice of Meter Reading or Test: The Seller shall notify the Member	in advance of the tim	ne of any meter reading or
PURSUANT TO 807 KAR 5.0 SECTION 9 (1) SY: TROUGH BULL SECTETARY OF THE COMMEST	1 test so that the Member's representatest.		
			SERVICE COMMISSION
Date of Issue	August 12, 1998 D	ate Effective July	18, 1998
Issued By	Willie Big Rivers Electric	Corporation, P.O. Bo	x 24, Henderson, KY 42420



For All Territory Served By

Cooperative's Transmission System
PSC No. 22 Original Sheet No . 6 Cancelling Sheet No.
ATIONS
a rate schedule to this tariff, the Member such manner that the power factor at the less than 90 percent (90%) leading or
er party hereto shall be permitted to enter all reasonable times in order to carry out
ence to provide a constant and and energy hereunder. If the supply of e interrupted, or become defective, by not be liable therefor, or for damages ee, as used herein, shall mean Acts of publes, acts of the public enemy, wars, as, landslides, lightning, earthquakes, fires, traints of the government, whether civil disturbances, explosions, breakage of transmission lines, inability to obtain due to existing or future rules, ans of governmental authorities, whether and any other forces which are not er, whether like or unlike those herein
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ELECTRIC	CORPORATION PSC No. 22
	Original Sheet No. 6
	Cancelling Sheet No
	RULES AND REGULATIONS
11.	Power Factor:
	Unless specifically stated otherwise in a rate schedule to this tariff, the Member shall at all times take and use power in such manner that the power factor at the time of maximum demand shall not be less than 90 percent (90%) leading or lagging.
12.	Right of Access:
	Duly authorized representatives of either party hereto shall be permitted to enter the premises of the other party hereto at all reasonable times in order to carry out the provisions hereof.
13.	Continuity of Service:
	The Seller shall use all reasonable diligence to provide a constant and uninterrupted supply of electric power and energy hereunder. If the supply of electric power and energy shall fail or be interrupted, or become defective, by reason of force majeure, the Seller shall not be liable therefor, or for damages caused thereby. The term "force majeure", as used herein, shall mean Acts of God, accidents, strikes or other labor troubles, acts of the public enemy, wars, blockages, insurrections, riots, epidemics, landslides, lightning, earthquakes, fires, storms, floods, washouts, arrests and restraints of the government, whether federal, state or local, civil or military, civil disturbances, explosions, breakage of
PUBLIC SERVICE COMMIS OF KENTUCKY EFFECTIVE	Selection to machinery, equipment or transmission lines, inability to obtain necessary materials, supplies or permits due to existing or future rules, regulations, orders, laws, or proclamations of governmental authorities, whether
JUL 1 8 1998	federal, state or local, civil or military, and any other forces which are not reasonably within the control of the Seller, whether like or unlike those herein

PURSUANT TO 807 KAR 504 merated. SECTION 9 (1)

SECRETARY OF THE COMMISSION

KENTUCKY PUBLIC SERVICE COMMISSION

Date of Issue August 12, 1998	Date Effective	July 18. 1998
Date of Issue August 12, 1998 Issued By	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42-20



ELEC	CTRIC	CORP	CRATIC				PSC No. 22 Original Sheet No . 7
				5. 11 5.5 4.1		celling	Sheet No.
				RULES AN	ID REGULATION	<u>s</u> 	
	14.	Payn	nent of	Bills:			
		to thi Selle first v service perio hereu Such	s tariff, r's desi, working ce. If th d, the S nder up discont	electric power an gnated office in in g day after the twe te Member shall fa seller may disconti yon five (5) days' v	d energy furnish amediately availanty-fourth (24th) all to pay any suc- inue delivery of e written notice to ayment shall no	able funds day of the ch bill with electric por Member o	in such prescribed
	15.	Trans	missio	n Emergency Cont	trol Program:		
		a.	Purpo	ose:			
			•	rovide a plan for the	•	•	estoration of electric
		b.	Proce	dures:			JUL 1 7 2009
			(1)	Awareness:			KENTUCKY PUBLIC SERVICE COMMISSION
LIC SERVICE OF KENTI EFFECT	IVE			likely be display	red on Big River ne SCADA alarn	s' system s	n disturbance will most upervisor's SCADA em supervisor can he disturbance.
RSUANT TO 8		15:011.	(2)	Localized Emerg	gency:		
SECTIO Step and SECRETARY OF TI	Bi			to sectionalize th	ne faulted line se	ctions by u	se of his SCADA ally operated line
Date of	ssuþ	AUG	st 12, 1	998	Date Effective	July 18	3, 1998
Issued E	h	MA	~	Big Rivers Ele			24, Henderson, KY 42420
Issued F	V Auth	ority of F	esc in C	ase No. 98-267 Or			



PUBLIC SERVICE COMMISSION OF KENTUCKY

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JUL 18 1998

PURSUANT TO 307 KAR 5:011. SECTION 9 (1)

SECRETARY OF THE COMMISSION

(a)

For All Territory Served By

==	Cooperative's Transmission System
PATIC	PSC No. 22
	Original Sheet No. 8
	Cancelling Sheet No
	RULES AND REGULATIONS
	switches. Big Rivers' Transmission Department personnel, as well as the local member cooperative personnel, will be dispatched to carry out any required manual switching operations. The Transmission Department is notified of the faulted line sections and performs the required line repairs and releases the line to the system supervisor for reenergization.
(3)	Widespread Emergency:
	When the system supervisor recognizes widespread transmission disturbances or the loss of service to multiple distribution substations, he declares an "extreme transmission emergency".
	Upon declaration of an extreme transmission emergency, the service restoration coordinator (SRC) is notified and immediately assumes an operating position in the energy control area.
	The system supervisor proceeds to sectionalize the line sections and restore service to as many substations as possible.
from i	RC establishes and maintains contact with the appropriate personnel he affected member cooperative(s), appropriate Big Rivers' mission Department personnel, and the system supervisor. ration continues with the following steps:
(a) 011.	The SRC coordinates the efforts of the Transmission Department and member cooperatives(s) to determine the full extent of system damage. An estimate is made of the time to restore full service to the distribution substations using only Big Rivers and available cooperative work forces.
(b)_	If the system damages are so extensive that restoration with local or system labor only would result in prohibitively long outages, the

t 12, 1998 Date Effective July 18, 1998 Date of Issue Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420 Issued By Authority of PSC in Case No. 98-267, Order dated July 14, 1998

For All Territory Served By

Cooperative	's Transmission System
Cancelling	PSC No. 22 Original Sheet No . 9 Sheet No.
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ansmission Departme or(s), determines who	ent and the Member at additional equipment
e western area Regio lace and amount of no arranges to meet the	eeded equipment and
-	mber cooperative storation of their ves have chosen to due to the number of restoration times for e, etc.). They
progress of the restora in to the appropriate in	
toration of service, th	e emergency is
ness of the restoration	_
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	JUL 1 7 2009
	KENTUCKY PUBLIC SERVICE COMMISSION
Effective I.A. 40	1008
Effective July 18,	1990

RULES AND REGU SRC along with the Tra Cooperative Coordinate and labor is needed. (c) The SRC conveys to th coordinator the time, pl labor. The coordinator neighboring utilities. (d) The SRC establishes a s determined by working coordinators who will h affected substations. The determine case specific variables that are unpred various subs, time of da maintain a list of critical the sequence of restorati The SRC monitors the p (e) conveys this information dissemination. (f) Upon completion of rest PUBLIC SERVICE COMMISSION declared ended. OF KENTUCKY EFFECTIVE Effectiveness and timeling (g) Big Rivers' Operation C JUL 18 1998 improvements. PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

Date of Issue August 12, 1998	Date Effective	July 18, 1998
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
Issued By	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42420



PSC No. 22 Original Sheet No . 10

				Cancellin	1g	Sheet No
				RULES AND REGULATIONS		
16.	Purch	ase Po	wer Def	iciency Emergency Control P	rogram:	
	a.	Purpo	ose:			
				plan to recover from purchase y Marketing, Inc. ("LEM").	e power deficienc	ies from
•	(b)	Proce	dures:			
		(1)	Awar	eness:		
			to me	the level of available purchaset the projected total system swed in the sequence listed untitual.	ales, the followin	g steps will be
		(2)	Seque	ential Steps of Action:		
			(a)	Determine capacity shortage limitations, pending weather forecasted load requirements	r forecast condition	-
SERVICE COMM OF KENTUCKY EFFECTIVE	IISSION		(b)	Arrange economic power pu sources as required to serve non-firm commitments if ec	firm load commit	tments (and
JUL 18 199			(c)	Reduce or completely curtai with the lowest price transactommitment.		_
	ul	_	(d)	Curtail off-system short-term	CAN n capacity sales.	17 2009
CRETARY OF THE CO	NW COLUT				KENTI	JCKY PUBLIC E COMMISSION
Date of Issue	Ayby	st/12, 19	998	Date Effective	July 18, 1998	
Issued By	//N/		Bi	g Rivers Electric Corporation, P.	O. Box 24, Hender	rson, KY 42420



For All Territory Served By

	=36	Cooperative's Transmission System			
CTRIC CORF	CORATION	Cancelling	PSC No. 22 Original Sheet No . 11 Sheet No.		
		RULES AND REGULATIONS			
	(e)	Implement a request to other utilities purchases to meet firm load requires			
	(f)	Issue public appeals to all member of to reduce power usage on a voluntar direct calls to large industrial consum	ry basis, including		
	(g)	Initiate a voltage reduction action the facilities as well as working with the representatives to accomplish this action.	e member cooperative		
	(h)	Implement curtailment of off-system	n firm power sales.		
	(i)	Implement curtailment of power to i (on a rotating type basis as needed).	ndustrial consumers		
	(j)	Request load curtailment of member Determine amounts of load reduction cooperative and the anticipated lengt member cooperatives will reduce loat their curtailment plan. Their curtailment considering the essential loads on the	n required of each th of curtailment. The ad in accordance with ment will be developed		
SPECIAL RU	JLES - CABLE	TELEVISION ATTACHMENT	1111 1 7 2009		
DOMMISSEDNAD	lishing Pole Use		KENTUCKY PUBLIC SERVICE COMMISSION		
a. 3 1998	facilities of B	V operator shall make use under this to ig Rivers, it shall notify Big Rivers in ply with the procedures established by	writing of its intent		
07 KAR 5:011. N 9 (1)) BCU HE COMINISSICI.	CATV operated drawings, together	or shall furnish Big Rivers detailed con ether with necessary maps, indicating to on which attachments are proposed, th	nstruction plans and the specific poles of		
ssue Aligi	is#12, 1998	Date Effective July 18,	1998		

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

PUBLIC SERVICE COMMISSIONablishing Pole Use:

OF KENTUCKY EFFECTIVE

JUL 18 1998

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SECRETARY OF THE COMMISSION.

Date of Issue Mugus 22, 1998

Issued By

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



PSC No	22
Original Sheet No	. 12
Cancelling Sheet No.	

RULES AND REGULATIONS

character of the attachments to be on such poles, the rearrangements of Big Rivers' fixtures and equipment necessary for the attachments, and relocations or replacements of existing poles, and any additional poles required by the CATV operator.

- b. Big Rivers shall, on the basis of such detailed construction plans and drawings, submit to the CATV operator a cost estimate (including overhead and less salvage value of materials) of all changes that may be required. Upon written notice by the CATV operator to Big Rivers that the cost estimate is approved, Big Rivers shall proceed with the necessary changes. Upon completion of all changes, the CATV operator shall have the right hereunder to make attachments in accordance with the terms of this tariff. The CATV operator shall, at its own expense, make attachments in such manner as not to interfere with the service requirements of Big Rivers.
- c. Upon completion of all changes, the CATV operator shall pay Big Rivers the actual cost (including overhead and less salvage value of materials) of making such changes. The obligations of the CATV operator hereunder shall not be limited to amounts shown on estimates made by Big Rivers hereunder.

Any reclearing of existing rights-of-way and any tree trimming necessary for the establishment of attachments hereunder shall be performed by the CATV operator.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE e.

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JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

BY: Trection But

All poles and appurtenances to which attachments have been made under this tariff shall remain the property of Big Rivers, and any payments made by the CATV operator under this tariff for changes in Big Rivers' facilities shall not entitle the CATV operator to the ownership of any of said facilities.

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

JUL 17 2009
KENTUCKY PUBLIC

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Date of Issue (August 12.	1998	Date Effective Ju	ıly 18, 1998
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For All Territory Served By

	Cooperative's Transmission S		
ERF	CRATION		PSC No. 22
			Original Sheet No . 13
		Cancelli	ng Sheet No
	RULES AN	D REGULATIONS	
f.	by the CATV operator,	where notice of in al to twice the cha	substandard installation made tent had not been given, shall be rges that would have been rly authorized.
Ease	ments and Rights-of-Way:		
privi from acco	leges or easements, and sh placing or maintaining its	ould the CATV or attachments on Bi Big Rivers. Each r	TV operator any rights-of-way berator at any time be prevented g Rivers' poles, no liability on party shall be responsible for
Main	tenance of Poles, Attachm	ents and Operation	<u>ı:</u>
a.	relocation of a pole or p	oles necessary, suc pense, except that	public regulations make th relocation shall be made by each party shall bear the cost of
ö.	before making such repl notice (except in cases o	acement or relocat f emergency) to th	cate a pole, Big Rivers shall, ion, give forty-eight (48) hours' e CATV operator, specifying in
)N	CATV operator shall, at the new or relocated pol- attachments to the new of may elect to do such wor	the time so specifie. Should the CATOR relocated pole at rk and the CATOR reers shall not be like	icement or relocation, and the fied, transfer its attachments to IV operator fail to transfer its the time specified, Big Rivers operator shall pay Big Rivers able for any consequential
			conform to the specifications set
k:	•		ormity herewith as soon as
Διια	14th 17 1998	Date Effective	

KENTUCKY PUBLIC SERVICE COMMISSION

PUBLIC SERVICE COMMISSION OF KENTUCKY **EFFECTIVE**

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

BY Stedon Bui SECRETARY OF THE COMMESION

Date of Issue August 12, 1998	Date Effective _	July 18,	1998	
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Issued By Authority of PSC in Case	No. 98-267, Order dated July 14,	1998	CANCE	LLED
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For All Territory Served By

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				BCC No. 22
				PSC No. 22 Original Sheet No . 14
			Cancelli	
		RUI	LES AND REGULATIONS	
		its poles and in to made or not, sha	the vicinity of its lines or	inspect each new installation on appurtenances. Such inspection ne CATV operator of any ned under this tariff.
	d.	maintain its pole will, in its own j requirements. B interruption of so	udgment, best enable it to ig Rivers shall not be liab ervice or for interference v ces when such conditions	ies thereon in such manner as
4.	Inspe	ctions:		
	a.	CATV operator vibeen due had the	will be billed at two times	the amount that would have e day after the last inspection
	b.	charges, incurred	by Big Rivers in any "ma	plus appropriate overhead ake-ready" or "walk-through"
PUBLIC SERVICE (COMMISSI	mspection require	ed of Big Rivers will be p	aid for by the CATV operator.
OF KENTU	CKY			
EFFECT	VEInsura	nce or Bond:		
JUL 18	1998	•	•	fy and save harmless Big Rivers and, suit, liability, penalty or
PURSUANT TO SE)7 KAR 5:0	Forfeiture of every	y kind and nature, including	ng, but not limited to, costs and
SECTION	19(1)	expenses of defen	ding against the same and	d payment of any settlement or
BY: Expland	Bu	dgment therefor	, by reason of (1) injuries	or deaths to persons, (2)
SECRETARY OF TH	ie Commise,	canages to or des	struction of properties, (3) ffects on the environment	pollutions, contaminations of or (4) violations of
Data of laws	Λ	s:/ ₄ 2, 1998	Date Effective	luly 18 1008
Date of Issue	AUGU	//	Date chective	July 10, 1330
Issued By	VIIXI	W Big Rin	vers Electric Corporation, P	.O. Box 24, Henderson, KY 42420



		PSC No.	22
	Original	Sheet No .	15
Cancelling		Sheet No	

RULES AND REGULATIONS

governmental laws, regulations or orders whether suffered directly by Big Rivers itself, or indirectly by reason of claims, demands or suits against it by third parties, resulting or alleged to have resulted from acts or omissions of the CATV operator, its employees, agents, or other representatives or from their presence on the premises of Big Rivers, either solely or in concurrence with any alleged joint negligence of Big Rivers. Big Rivers shall be liable for its sole active negligence.

- b. The CATV operator will provide coverage as follows from a company authorized to do business in the commonwealth of Kentucky:
 - (1) Protection for its employees to the extent required by Workers' compensation Laws of Kentucky.
 - (2) Public liability coverage with separate coverage for each town or city in which the CATV operator operates under this contract to a minimum amount of \$1,000,000 for each person and \$1,000,000 for each accident or personal injury or death, and \$25,000 as to the property of any one person, and \$100,000 as to any one accident of property damage.
 - (3) Naming Big Rivers Electric Corporation as an additional insured.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

c.

Before beginning operations under this tariff, the CATV operator shall cause to be furnished to Big Rivers a certificate evidencing the existence of such coverage. Each policy required hereunder shall contain a contractual endorsement written as follows:

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECT!ON 9 (1)

BY: SECRETARY OF THE COMMISSION

The insurance or bond provided herein shall also be for the benefit of Big Rivers Electric Corporation, so as to guarantee, within the coverage limits, the performance by the JUL 17 2009

KENTUCKY PUBLIC SERVICE COMMISSION

Date of Issue August 12, 1998	Date Effective _	July 18, 1998
Issued By	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42420



	PSC	No. 22
	Original Sheet	No. 16
Cancelling	Sheet	No

JUL 17 2009

RULES AND REGULATIONS

insured of any indemnity agreement set forth in this tariff. This insurance or bond may not be canceled for any cause without thirty (30) days' advance notice being first given to Big Rivers Electric Corporation.

6. Change of Use Provision:

When Big Rivers requires a change in its facilities for reasons unrelated to CATV operations, the CATV operator shall be given forty-eight (48) hours' notice (except in cases of emergency) in order to accomplish the CATV-related changes. If the CATV operator is unable or unwilling to meet Big Rivers' time schedule for such changes, Big Rivers may do the work and charge the CATV operator its reasonable costs for performing the change of CATV attachments.

7. Abandonment:

Should Big Rivers decide to abandon any pole which the CATV operator is utilizing, it shall give the CATV operator notice in writing to that effect at least thirty (30) days prior to the date on which it intends to abandon such pole. If, at the expiration of said period, Big Rivers has no attachments on such pole, but the CATV operator has not removed all of its attachments therefrom, such pole shall thereupon become the property of the CATV operator, and the CATV operator shall save harmless Big Rivers from all obligation, liability, damages, cost, expenses or charges incurred thereafter, and shall pay Big Rivers for such pole an amount equal to Big Rivers' depreciated cost thereof. Big Rivers shall further evidence transfer to the CATV operator of title to the pole by means of a bill of sale. Big Rivers reserves the right to abandon and salvage any power line free and clear of any obligations to the CATV operator and upon one year's notice to the CATV operator.

Big Rivers Electric Corporation, P.O Box 24, Henderson, KY 42420

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

BY: Steel and BU

SECRETARY OF THE COMMISSION.

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Date of Issue	August 12, 1998	Date Effective	July 18, 1998
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ELECTRIC	CORPORATION	Cancelli		PSC No Original Sheet No Sheet No	17
	RULES	AND REGULATIONS			
	giving due notice the therefrom any and a	r may at any time aban hereof in writing to Big all attachment it may h th case pay Big Rivers billing period.	g Rivers an	nd by removing n. The CATV	pole
8.	Right of Others:				
	Upon notice from Big Rive forbidden by municipal or opermit governing the use of operator shall remove its far any rental will be due on ac	other public authorities such pole shall immed cilities from the affecte	s or by propediately terrated pole at a	perty owners, the minate and the CA once. No refund o	ATV
9.	Payment of Taxes:				
	Each party shall pay all taxe upon said attached facilities on said property shall be pai levied on Big Rivers' facilit shall be paid by the CATV	, and the taxes and the id by the owner thereo ies solely because of the	e assessmer of, but any	nts which are levie tax, fee or charge	ed tor
10.	Bond or Deposit for Perform	nance:		JUL 17 2009)
PUBLIC SERVICE COMMIS OF KENTUCKY EFFECTIVE	The CATV operator shall further insurance coverage for the part of	ourposes thereinafter sp evidence of which sha ginning construction.	pecified in all be prese Such bond	the amount of Fivented to Big River or insurance shall	1
JUL 18 1998	contain the provision that it receipt by Big Rivers of write	tten notice of the desire	e of the bo	nding or insurance	e
PURSUANT TO 307 KAR SECTION 9 (1) BY: Stepton Businessecretary of the commis	company to terminate such to the care shall request the CAT and all other facilities from a sion	TV operator to immedi	iately remo	ve its cables, wire	es
Date of Issue	August 12, 1998	Date Effective	July 18, '	1998	
Issued By	M/MM Big Rivers	Electric Corporation, P	O. Box 24,	Henderson, KY 42	420



11.

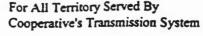
12.

Cooperative's Transmission Sys			
SEPORATION		PSC No. 22 Original Sheet No . 18	
	Cancelling	Sheet No.	
RULES AND REGULA	TIONS		
fail to complete the removal of all its faci thirty (30) days after receipt of such reque shall have the right to remove them at the and without being liable for any damage to fixtures or appurtenances. Such bond or it any sums which may become due to Big I performed for the benefit of the CATV or removal of attachments upon termination	est from Big Riv cost and expense to the CATV op- insurance shall g Rivers for rental perator under this	vers, then Big Rivers se of the CATV operator erator's wires, cables, guarantee the payment of s, inspections or work s tariff, including the	
Use of Anchors:			
Big Rivers reserves the right to prohibit the operator where conditions warrant such as	•	chors by the CATV	
Discontinuance of Service:			
Big Rivers may refuse or discontinue serv conditions set out in 807 KAR 5:006 Section		as a customer under the	
	PUBLIC SE OF E JUI PURSUANT SE	CANCELLED JUL 17 2009 KENTUCKY PUBLIC SERVICE COMMISSION RVICE COMMISSION KENTUCKY FFECTIVE 1 8 1998 TO 807 KAR 5:011. CTION 9 (1)	
	BY: Siect:	OF THE COMMISSIC:	

2, 1998 Date Effective July 18, 1998 Date of Issue Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



ELECTRIC CORF	CRATION		Cancelling	PSC No. 22 Original Sheet No . 19 Sheet No.
		RULES AND REGU	ILATIONS	
C. ELECTRIC	SERVICE			
1.	APPLI	CABLE:		
	In all te	rritory served by Coope	erative's transmi	ssion system.
2.	AVAIL	ABILITY:		
	coopera forth an	-	cial terms and co	per rural electric anditions hereinafter set and regulations on file with
3.	TERM:			
	of closir ("LEC") power si Corpora until Jan	ig of the transaction bet and its affiliates (the "Capply contracts, as amer tion and each of its coopuary 1, 2023, and there ther not less than six mo	ween Big Rivers Closing Date ³). Inded, between B perative member after until termin	rs shall remain in effect nated by either party giving tice of its intention to
PUBLIC SERVICE COMMISS	ONRATES:			JUL 1 7 2009 KENTUCKY PUBLIC
OF KENTUCKY EFFECTIVE JUL 18 1998 PLESUANT TO 807 KAR 5: SECTION 9 (1) ET SECRETARY OF THE COMMISS	a. F R to S O ¹ 1. F P	or all Alcan smelter del ate for transmission and Henderson Union con melter Rate available to or all Southwire smelte oint Rate for transmissi	d ancillary servi- sisting of the Bi Alcan as descri delivery points on and ancillary	Monthly Delivery Point ces supplied by Big Rivers g Rivers Henderson Union ibed in Item (5) herein.
Date of IssueAyg	A 12, 1998	Date E	Effective July	y 18, 1998
Issued By	K	Big Rivers Electric Cor	poration, P.O. Bo	ox 24, Henderson, KY 42420





	PSC No	22
	Original Sheet No.	20
Cancelling	Sheet No.	

RULES AND REGULATIONS

Smelter Rate available to Southwire as described in Item (6) herein.

- c. For all Large Industrial Customer delivery points, a Monthly Delivery Point Rate consisting of the Big Rivers Large Industrial Customer Rate available to Large Industrial Customers as described in Item (7) herein.
- d. For all other delivery points, a Monthly Delivery Point Rate consisting of:
 - (1) A Demand Charge of:

All kW of billing demand at \$7.37 per kilowatt.

Plus,

(2) An Energy Charge of:

All kWh per month at \$0.02040 per kWh.

(3) No separate transmission or ancillary services charges shall apply to these rates.

PUBLIC SERVICE COMMISSION(4)
OF KENTUCKY
EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1) BY: Stephen Buy The Demand and Energy Charges under this tariff shall not be subject to automatic adjustment for increases or decreases in fuel costs through a fuel adjustment clause, whether under 807 KAR 5:056 or otherwise, or by any automatic adjustment for an environmental surcharge, whether under KRS 278.183 or otherwise.

JUL 1 / 2009
KENTUCKY PUBLIC
SERVICE COMMISSION

Date of Issue August 42, 1998	Date Effective July 18, 1998
Date of Issue August A2, 1998 Issued By	D. D. S. J. D. S. J. D. Bou 24 Hands 104 40453
Issued By ///////////////////////////////////	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



		PSC No.	23
	Origi	nal Sheet No.	21
Cancelling	22	Sheet No.	40

	RULES AND REGULATIONS		
```	Billing Form: INVOICE ECTRIC CORP., P.O. BOX 24, HE	NDERSON, KY 4242	0
TO: RURAL DELIVERY POI SERVICE FROM / /		COUNT NCIDENTAL PEAK /	
	L.F. PREVIOUS PRESENT COIN. READING READING		/KWH LT.
DEMAND	KW TIMES \$ EQUALS	\$	
P/F PENALTY	KW TIMES \$ EQUALS	\$	
ADJUSTMENT	KW TIMES \$EQUALS SUBTOTAL	\$	JUL 1 7 2009
ENERGY	KWH TIMES \$ EQUALS		ENTUCKY PUBLIC RVICE COMMISSION
ADJUSTMENT	KWH TIMES \$ EQUALS SUBTOTAL	\$	
CURRENT MONTH	KWH TIMES \$ EQUALS TOTAL AMOUNT DUE	\$\$ \$	SLIC SERVICE COMMISSIO OF KENTUCKY EFFECTIVE
LOAD FACTOR AVAILABLE BASE BEFORE COIN. BILLED	POWER FACTOR AVERAGE PEAK		MAY 24 1999 SUANT TO 807 KAR 5:011, SECTION 9 (1) Stephan Bus
DUE IN IMMEDIATELY AVAI AFTER THE 24 TH OF THE MC	LABLE BEFORE FUNDS ON OR BEF ONTH	ORE THE FIRST WOR	RETARY OF THE COMMISSION KING DAY
Date of IssueJune 21, /199	Date Effective	May 24, 1999	
Issued By Walhte	Big Rivers Electric Corporation,	P.O. Box 24, Henderso	on, KY 42420



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	Original Sheet No.	22
Cancelling	Sheet No.	
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# **RULES AND REGUL**

#### 5. BIG RIVERS HENDERSON UNION SMELTER RATE

#### **AVAILABILITY:** a.

This tariff applies to Henderson Union Electric Cooperative Corp. ("HU") for purchases by HU of transmission and ancillary services for certain power as set forth in Section 5.c.(1) sold to Alcan Aluminum Corporation ("Alcan") for use at the Alcan primary aluminum smelter located in Sebree, Kentucky.

#### b. TERM OF THE RATE:

This tariff shall take effect at 12:01 a.m. on the day after the Closing Date of the transaction between Big Rivers and LG&E Energy Corp. ("LEC") and its affiliates and shall terminate at midnight on December 31, 2011. This tariff shall remain in effect during the entire term hereof, without modification.

#### RATES: C.

#### (1)Transmission Rates

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011

For the period from the effective date of this tariff through December 31, 2011, to the extent HU requires transmission service to make sales of energy to Alcan (including all Tier 3 Energy taken after the effective date of this tariff and any Tier 1 Energy and Tier 2 Energy HU supplies from sources other than LG&E Energy Marketing

SECTION 9 (1) BY: Secretary of the commission	Agreement), Big Rivers shall assess unbundled charges for transmission for all energy purchased by HU from Third-Party Suppliers on behalf of Alcan. Big Rivers shall		
Date of Issue Kugust 12, 1998	Date Effective July 18, 1998		
Issued By	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420		
Issued By Authority of PSC in Case	No. 98-267, Order dated July 14, 1998		



	PSC No.	22
	Original Sheet No.	23
Cancelling	Sheet No.	

## RULES AND REGULATIONS

charge HU for such transmission services according to the rates filed in Big Rivers' Open Access Transmission Tariff ("OATT") filed at and accepted by the Federal Energy Regulatory Commission and/or the Kentucky Public Service Commission as a comparable transmission tariff, as they are then in effect, applied to each kW of transmission demand or network service reserved on Big Rivers' Open Access Same-time Information System ("OASIS") by HU for power resold to Alcan. Big Rivers shall offer short- and long-term firm point-to-point service, non-firm point-to-point service, and network integration service to HU for this service under the terms and conditions of Big Rivers' OATT, with the charge for transmission to be based on the type and amount of transmission service selected and reserved each month on the OASIS by HU. HU will in all cases be responsible for obtaining such service using Big Rivers' OASIS.

# (2) Ancillary Services Rates:

During the period from the effective date of this tariff through December 31, 2011, to the extent generation-based ancillary services are not supplied by LEM in association with amounts purchased by HU from LEM, HU shall be required separately to purchase generation-based ancillary services necessary to transmit power on Big Rivers' transmission system to HU for power resold to Alcan. Required ancillary services include: Reactive Supply and Voltage Control from Generation Sources Service; Regulation and Frequency Response Service; Energy Imbalance Service; Operating Reserve - Spinning Reserve Service; and Operating Reserve - Supplemental Reserve Service. HU shall be entitled to purchase these

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

SECRETARY OF THE COMMISSION

Date of Issue Argust 12, 1998 Date Effective July 18, 1998

Issued By Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 98-267, Order dated July 14, 1998

JUL 17 2009

KENTUCKY PUBLIC SERVICE COMMISSION



	PSC No.	22
	Original Sheet No.	24
Cancelling	Sheet No.	

### **RULES AND REGULATIONS**

generation-based ancillary services from any party capable of supplying them, including Big Rivers or LEM. Big Rivers' OATT contains rates for such services when supplied by Big Rivers to HU (with the exception of certain quantities of reactive power), and the rates used shall be the then-effective tariff rates for the individual ancillary services selected. Transmission-based ancillary service charges for Scheduling, System Control, and Dispatch Service shall be included as part of the transmission rate determined in accordance with Section 5.c.(1). In addition, there shall be no additional charge to HU for reactive power provided from the existing level of transmission capacitor banks on Big Rivers' transmission system or for the level of reactive power specified in Section 5.f.

#### d. CHARGES

Section 5.c.(2).

Each calendar month from the effective date of this tariff through December 31, 2011, HU shall pay a Transmission Charge calculated in accordance with the transmission service reserved by HU on Big Rivers' transmission system as set forth in Section 5.c.(1) of this tariff, plus separate Ancillary Services Charges for PUBLIC SERVICE COMMISSION any ancillary services purchased by HU from Big Rivers, calculated in accordance with the services purchased as set forth in

OF KENTUCKY EFFECTIVE

TERMINATION OF TARIFF AND OBLIGATIONS TO PURCHASE AND SELL:

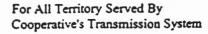
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

BY: Siecom Bu

As of the effective date of this tariff, Alcan shall have no further obligation to Big Rivers and there shall be no exit fee or stranded cost obligation owing from either Alcan or HU to Big Rivers or

Date of Issue	Augual 12, 1998	Date Effective	July 18,	1998	
Issued By	Augual 12, 1998	Big Rivers Electric Corporation,	P.O. Box 24	, Henderson,	KY 42420
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	PSC No.	22
	Original Sheet No.	25
Cancelling	Sheet No.	

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JUL 17 2009 KENTUCKY PUBLIC

# **RULES AND REGULATIONS**

any other party relating to Big Rivers' supply of power and transmission to HU for power resold to Alcan prior to the effective date of this tariff. As of the effective date of this tariff, Big Rivers has no further obligation to provide electric power supply service to HU with respect to Alcan's load. This transmission and ancillary services tariff shall terminate as of December 31, 2011.

#### f. POWER FACTOR

For all power taken under this tariff on or before December 31, 2000 under Tier 1, Tier 2, and Tier 3, HU shall maintain and shall require Alcan to maintain a power factor at the point of delivery as nearly as practicable to unity and in no case shall the power factor be allowed to fall below 0.90 leading or lagging with respect to power delivered hereunder. For all power taken under this tariff after December 31, 2000 under Tier 1, Tier 2 and Tier 3, HU shall maintain and shall require Alcan to maintain its usage of reactive power at the point of delivery at a level such that the reactive power demand does not exceed the reactive power demand that would occur at a power factor of 0.90 lagging at the metered demand up to 233,000 kilowatts. In the event that Alcan's recorded reactive power demand exceeds the limitations set forth above, HU shall purchase sufficient reactive power from a thirdparty source or shall purchase such reactive power from Big Rivers to the extent available. The above described reactive power limits shall not be applicable to any reactive power consumed over new facilities (such as a 4th potline) installed after the effective date of this tariff by Alcan at the Sebree Smelter, the reactive power requirements of which will need to be separately evaluated and assessed by Big Rivers, HU and Alcan at such time as they are constructed.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

BY: Skel and

SECRETARY OF THE COMMISSION

Date of Issue	August/12, 1998	Date Effective	July 18, 1998	

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



	PSC No.	22
	Original Sheet No.	26
Cancelling	Sheet No	

# RULES AND REGULATIONS

# g. BILLING

Big Rivers shall bill HU on the first working day after the 13th of the month for the previous month's transmission and ancillary services taken hereunder. HU shall pay Big Rivers in immediately available funds on or before the first working day after the 24th of the month. If HU shall fail to pay any such bill within such prescribed period, Big Rivers may discontinue delivery of electric power and energy hereunder upon five (5) days' written notice to LEM and HU of its intention to do so.

# h. POWER SUPPLY OBLIGATIONS

Big Rivers shall have no power supply obligations under this tariff for Tier 1, Tier 2 or Tier 3 service or otherwise to HU for power to be resold to Alcan at any time after the effective date of this tariff. Any Tier 3 power supply agreements negotiated between Big Rivers and HU for power supply after December 31, 2000 shall be set forth separately.

# i. TRANSMISSION OBLIGATIONS

(a)

Priority Reservation of Existing Transmission Capacity

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011, SECTION 9 (1)

BY: SECRETARY OF THE COMMISSION

Through December 31, 2001, consistent with FERC Order No. 888, Big Rivers shall continue to have a transmission planning obligation with respect to the Alcan load served by HU, and HU will cause Big Rivers to hold in reserve at no additional cost existing transmission capacity in an amount needed for Alcan's reasonably forecasted load growth, provided such projections of forecasted load growth are made available to Big Rivers prior to the effective date of Big Rivers' OATT. Big Rivers will give

SERVICE COMMISSION

Date of Issue August 12, 1998	Date Effective	July 18,	1998
Issued By	Big Rivers Electric Corporation, F	P.O. Box 24,	Henderson, KY 42420
Issued By Authority of PSC in Case	No. 98-267, Order dated July 14, 1	998	CANCELLED



	PSC No22_
	Original Sheet No . 27
Cancelling	Sheet No.

## RULES AND REGULATIONS

Alcan and Henderson Union a written notice of filing and a copy of all filed materials at the time of any filing involving Big Rivers' OATT. The point-to-point transmission paths to be held in reserve for Alcan's reasonably forecasted load growth shall be those designated by HU to Big Rivers. Transmission capacity held in reserve for Alcan's reasonably forecasted load growth during this period shall be posted on Big Rivers' OASIS and made available to third-parties on a non-firm basis until such time as it is needed and contracted for at OATT rates by HU or HU's designated third-party supplier of power; provided, however, that if such transmission capacity held in reserve by Big Rivers for HU load growth attributable to Alcan is not contracted for by HU by December 31, 2001, Big Rivers shall thereafter be entitled to release such capacity held in reserve and post it for sale on a firm basis on its OASIS.

#### (b) Rates, Terms, and Conditions Not Unfavorable

For service to HU for power resold to Alcan, HU shall not be charged more than the lesser of (i) the amount that Big Rivers imputes to itself for its own off-system transactions, or (ii) the amount Big Rivers charges to any third-party after the effective date of this tariff for comparable transmission service and ancillary services. The terms and conditions of transmission service and ancillary services offered by Big Rivers to HU for power resold to Alcan shall not be (i) less favorable than those applied by Big Rivers to itself for its own off-system transactions under its OATT or (ii) less favorable than those applied by Big Rivers to any third-party taking service after the effective date of this tariff.

PUBLIC SERVICE COMMISSION OF KENTUCKY **EFFECTIVE** 

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PURSUANT TO 307 KAR 5:011, SECTION 9 (1)

BY: Stection Bu

SECRETARY OF THE COMMISSION

Date of Issue I August 12, 1998 Date Effective July 18, 1998

Issued By

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420





		PSC No.	23
	Origi	nal Sheet No.	28
Cancelling _	22	Sheet No.	40

KENTUCKY PUBLIC SERVICE COMMISSION

# **RULES AND REGULATIONS**

j.	Billing Form:		
BIG RIVERS ELECTRIC COR	P., P.O. BOX 24, HENDERSON	N, KY 42420	
TO HENDERSON-UNION	MONTH ENDING	ACCOUNT 82	HU
SUBSTATION ALCAN	SERVICE FROM The	HROUGH	
TRANSMISSION DEMAND	KW TIMES \$	EQUALS	\$
ADJUSTMENT	KW TIMES \$SUBTOTA		\$ \$
ANCILLARY SERVICES			\$
RESTITUTION ADJUSTMENT	TOTAL AMOUNT DUE		\$
HISTORIC	KWH TIMES \$	EQUALS	\$
DUE IN IMMEDIATELY AVAI THE 24 TH DAY OF THE MONT	_ABLE FUNDS ON OR BEFORE T	THE FIRST WORKIN	NG DAY AFTER
		PUI	BLIC SERVICE COMMISSI OF KENTUCKY EFFECTIVE
			MAY 24 1999
		BY: S	UANT TO 807 KAR 5:011, SECTION 9 (1)
Date of Issue June 21, 199	9 Date Effective	May 24, 1999	TARY OF THE COMMISSION
Issued By Wallit	Big Rivers Electric Corporation	on, P.O. Box 24, He	nderson, KY 42420
Issued By Authority of PSC in C	ase No. 98-427, Order dated May	24, 1999	CANCELLED
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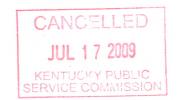


PUBLIC SERVICE COMMISSION OF KENTUCKY

# For All Territory Served By

	Cooperative's Transmission System					
CCRPC	PATIO	Z			PSC No.	22
						29
				Cancelling	Sheet No.	
		!	RULES AND REGUL	ATIONS		
6.	BIG F	RIVERS	S GREEN RIVER S	MELTER RATE		
	a.	AVA	ILABILITY:			
		for pu certain Comp alumin constr	rchases by GREC on power as set forth pany ("Southwire") for num smelter, includructed at the Southwent rod & cable mill.	of transmission and in Section 6.c.(1) for use at the Sout ing any fifth pot 1 fire smelter, and for	hwire primary line if such pot line is urther including the	or
	b.	TERM	OF THE RATE:			
		Closin Energy midnig	y Corp. ("LEC") and	ction between Big is affiliates and , 2010. This tarif	g Rivers and LG&E shall terminate at If shall remain in effe	ct
	c.	RATE	<u>S:</u>			
	ar 00	(1)	Transmission Rate	<u>s</u>		
JBLIC SER OF E	KENTUC! FFECTIV!	<b>\</b> '	For the period from December 31, 2010		e of this tariff throug	h
DI IDCI IAN	L 18	KAR 5:0	(including all Tier this tariff and any	3 Energy taken af Fier I Energy and	f energy to Southwire fter the effective date Tier 2 Energy GRE &F. Energy Marketin	of C
PORODAIN Sich	ECTION	Bul	Inc. ("LEM") as pe	rmitted by the GR	REC/LEM Wholesale	5
لسندنتيد ، ال	CY OF THE	COMMISS	ragreement), Big R	ivers shall assess	unbundled charges for	זכ

Date of Issue AAugust 12, 1998	Date Effective	July 18, 1998
Date of Issue August 12, 1998 Issued By	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42420





		PSC No.	22
	Original	Sheet No	30
Cancelling		Sheet No	

## RULES AND REGULATIONS

transmission for all energy purchased by GREC from Third-Party Suppliers on behalf of Southwire. Big Rivers shall charge GREC for such transmission services according to the rates filed in Big Rivers' OATT filed at and accepted by the Federal Energy Regulatory Commission and/or the Kentucky Public Service Commission as a comparable transmission tariff, as they are then in effect, applied to each kW of transmission demand or network service reserved on Big Rivers' Open Access Same-time Information System ("OASIS") by GREC for power resold to Southwire. Big Rivers shall offer short- and long-term firm point-to-point service, nonfirm point-to-point service, and network integration service to GREC for this service under the terms and conditions of Big Rivers' OATT, with the charge for transmission to be based on the type and amount of transmission service selected and reserved each month on the OASIS by GREC. GREC will in all cases be responsible for obtaining such service using Big Rivers' OASIS.

(2) Ancillary Services Rates:

During the period from the effective date of this tariff mission through December 31, 2010, to the extent generation based ancillary services are not supplied by LEM in association with amounts purchased by GREC from LEM, GREC shall be required separately to purchase generation-based ancillary services necessary to transmit power on Big Rivers' transmission system to GREC for power resold to Southwire. Required ancillary services include: Reactive Supply and Voltage Control from Generation Sources Service; Regulation and Frequency Response Service;

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

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PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011, SECTION 9 (1)

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Date of Issue 1 August 12, 1998	Date Effective	July 18, 1998	



	PSC No.	22
	Original Sheet No .	31
Cancelling	Sheet No.	

## RULES AND REGULATIONS

Energy Imbalance Service: Operating Reserve - Spinning Reserve Service; and Operating Reserve - Supplemental Reserve Service. GREC shall be entitled to purchase these generation-based ancillary services from any party capable of supplying them, including Big Rivers or LEM. Big Rivers' OATT contains rates for such services when supplied by Big Rivers to GREC (with the exception of certain quantities of reactive power), and the rates used shall be the then-effective tariff rates for the individual ancillary services selected. Transmission-based ancillary service charges for Scheduling, System Control, and Dispatch Service shall be included as part of the transmission rate determined in accordance with Section 6.c.(1). In addition, there shall be no additional charge to GREC for reactive power provided from the existing level of transmission capacitor banks on Big Rivers' transmission system or for the level of reactive power specified in Section 6.f.

# d. CHARGES

Each calendar month from the effective date of this tariff through December 31, 2010, GREC shall pay a Transmission Charge calculated in accordance with the transmission service reserved by GREC on Big Rivers' transmission system as set forth in Section 6.c.(1) of this tariff, plus separate Ancillary Services Charges for any ancillary services purchased by GREC from Big Rivers, calculated in accordance with the services purchased as set forth in Section 6.c.(2).

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO SOT KAR 5:011.

SECTION 9 (1)

BY: SECRETARY OF THE COMMISSION

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Date of Issue August 12, 1998	Date Effective July 18, 1998
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issued By	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



	PSC No22	PSC No	
	Original Sheet No. 32	Original Sheet No	_
Cancelling	Sheet No.	Sheet No	_

## RULES AND REGULATIONS

# e. <u>TERMINATION OF TARIFF AND OBLIGATIONS TO</u> PURCHASE AND SELL:

As of the effective date of this tariff, Southwire shall have no further obligation to Big Rivers and there shall be no exit fee or stranded cost obligation owing from either Southwire or GREC to Big Rivers or any other party relating to Big Rivers' supply of power and transmission to GREC for power resold to Southwire prior to the effective date of this tariff. As of the effective date of this tariff, Big Rivers has no further obligation to provide electric power supply service to GREC with respect to Southwire's load. This transmission and ancillary services tariff shall terminate as of December 31, 2010.

# f. POWER FACTOR

For all power taken under this tariff on or before December 31, 2000 under Tier 1, Tier 2, and Tier 3, GREC shall maintain and shall require Southwire to maintain a power factor at the point of delivery as nearly as practicable to unity and in no case shall the power factor be allowed to fall below 0.90 leading or lagging with respect to power delivered hereunder. For all power taken under this tariff after December 31, 2000 under Tier 1, Tier 2 and Tier 3, GREC shall maintain and shall require Southwire to maintain its usage of reactive power at the point of delivery at a level such that the reactive power demand does not exceed the reactive power demand that would occur at a power factor of 0.90 lagging at the metered demand up to 339,000 kilowatts. In the event that Southwire's recorded reactive power demand exceeds the limitations set forth above, GREC shall purchase sufficient reactive power from a third-party source or shall purchase such reactive power from Big Rivers, to the extent available. The above described reactive power limits shall not be applicable to any

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JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1)

BY: SECRETARY OF THE COMMISSION

Issued By

Date of issue August \$2, 1998

Date Effective July 18, 1998

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 98-267, Order dated July 14, 1998

JUL 1 7 2009

KENTUCKY PUBLIC



	PSC No.	22
Origina	al Sheet No .	33
Cancelling	Sheet No.	

## RULES AND REGULATIONS

reactive power consumed on the proposed fifth pot line. Specifically, for all Energy that Southwire purchases and receives from GREC with respect to any fifth pot line that may be constructed at the Southwire smelter, GREC shall require Southwire to maintain a power factor at the point of delivery that shall be at unity or leading, but in no event shall be lagging. At its sole expense, Southwire shall install the necessary equipment, or request GREC to acquire the necessary reactive power from third-party suppliers of generation-based ancillary services, to satisfy the limitation set forth in this paragraph.

# g. BILLING

Big Rivers shall bill GREC on the first working day after the 13th of the month for the previous month's transmission and ancillary services taken hereunder. GREC shall pay Big Rivers in immediately available funds on or before the first working day after the 24th of the month. If GREC shall fail to pay any such bill within such prescribed period, Big Rivers may discontinue delivery of electric power and energy hereunder upon five (5) days' written notice to GREC and LEM of its intention to do so.

# h. POWER SUPPLY OBLIGATIONS

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO SOT KAR 5:011.

SECTION 9 (1)

BY: SECRETARY OF THE COMMISSION

Issued By

Big Rivers shall have no power supply obligations under this tariff for Tier 1, Tier 2 or Tier 3 service or otherwise to GREC for power to be resold to Southwire at any time after the effective date of this tariff. Any Tier 3 power supply agreements negotiated between Big Rivers and GREC for wholesale power supply after December 31, 2000 shall be set forth separately.

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

Date of Issue August 12, 1998 Date Effective July 18, 1998



	PSC No.	22
0	riginal Sheet No .	34
Cancelling	Sheet No	

## **RULES AND REGULATIONS**

# i. TRANSMISSION OBLIGATIONS

(a) Priority Reservation of Existing Transmission Capacity

Through December 31, 2001, consistent with FERC Order No. 888, Big Rivers shall continue to have a transmission planning obligation with respect to the Southwire load served by GREC, and GREC will cause Big Rivers to hold in reserve at no additional cost existing transmission capacity in an amount needed for Southwire's reasonably forecasted load growth, provided such projections of forecasted load growth are made available to Big Rivers prior to the effective date of Big Rivers' OATT. Big Rivers will give Southwire and GREC a written notice of filing and a copy of all filed materials at the time of any filing involving Big Rivers' OATT. The point-to-point transmission paths to be held in reserve for Southwire's reasonably forecasted load growth shall be those designated by GREC to Big Rivers. Transmission capacity held in reserve for Southwire's reasonably forecasted load growth during this period shall be posted on Big Rivers' OASIS and made available to third-parties on a non-firm basis until such time as it is needed and contracted for at OATT rates by GREC or GREC's designated third-party supplier of power; provided, however, that if such transmission capacity held in reserve by Big Rivers for GREC load growth attributable to Southwire is not contracted for by GREC by December 31, 2001, Big Rivers shall thereafter be entitled to release such capacity held in reserve and post it for sale on a firm basis on its OASIS.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011. SECTION 9 (1) BY: Stephan Buy

SECRETARY OF THE COMMISSION

JUL 17 2009

KENTUCKY PUBLIC SERVICE COMMISSION

	DETVICE COMMISSION
Date of Issue August/12, 1998	Date Effective July 18, 1998
Issued By	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

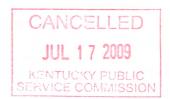


	PSC No.	22
	Original Sheet No.	35
Cancelling	Sheet No.	

# RULES AND REGULATIONS

# (b) Rates, Terms, and Conditions Not Unfavorable

For service to GREC for power resold to Southwire, GREC shall not be charged by Big Rivers more than the lesser of (i) the amount that Big Rivers imputes to itself for its own off-system transactions, or (ii) the amount Big Rivers charges to any third-party after the effective date of this tariff for comparable transmission service and ancillary services. The terms and conditions of transmission service and ancillary services offered by Big River to GREC for power resold to Southwire shall not be (i) less favorable than those applied by Big Rivers to itself for its own off-system transactions under its OATT or (ii) less favorable than those applied by Big Rivers to any third-party taking service after the effective date of this tariff.



PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5:011.
SECTION 9 (1)
BY: Sied and Buy
SECRETARY OF THE COMMISSION

		SECRETARY OF THE COMMISSION
Date of Issue August 12, 1998	Date Effective	July 18, 1998
Issued By	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42420



		PSC No.	23
	Origin	nal Sheet No.	36
Cancelling _	22	Sheet No.	40

	RULES A	AND REGULATIONS		
	j. <u>BILLING FO</u>	<u>PRM</u>		
BIG RIVERS ELECTR	RIC CORP., P.O. BOX	24, HENDERSON,	KY 42420	
	MC	ONTH ENDING		
TO GREEN RIVER		ACC	COUNT 82	GR
SUBSTATION NSA	SERVICE FROM	THROUGH		-
TRANSMISSION DEMAND	KW TIMES \$	EQUALS	\$	
ADJUSTMENT	KW TIMES \$	EQUALS	\$	
		SUBTOTAL	\$	
ANCILLARY SERVICE	<u>:S</u>		\$	
	TOTAL	. AMOUNT DUE	\$	CANCELLED
RESTITUTION ADJUS	STMENT KWH TIMES \$	EQUALS	\$	1111 1 7 2009
DUE IN IMMEDIATEL THE 24 TH OF THE MC	Y AVAILABLE FUNDS ONTH	ON OR BEFORE THE		ING DAY AFTER  JBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE
				MAY 24 1999
			PU	RSUANT TO 807 KAR 5:011, <del>SECTION 9 (1)</del>
Issued By	Big Rivers PSC in Case No. 98-427	Date Effective	P.O. Box 24, H	Stephano Buy ECRETARY OF THE COMMISSION



PSC No. 22
Second Revised Sheet No. 37
Cancelling First Revised Sheet No. 37

### **RULES AND REGULATIONS**

# 7. BIG RIVERS LARGE INDUSTRIAL CUSTOMER RATE

# a. Availability:

This schedule is available to any of Big Rivers' then existing rural electric distribution cooperatives for service to Large Industrial Customers served using dedicated delivery points for such portions of their loads not treated as either Expansion Demand or Expansion Energy where applicable as provided by and in accordance with the provisions and definitions of the Big Rivers Large Industrial Customer Expansion Rate (Rate Schedule 10). For purposes of clarification, this rate schedule shall be closed hereafter and Rate Schedule 10 shall apply, unless otherwise supplanted by special contracts, to (1) the load of any New Customer as defined in Rate Schedule 10 where such New Customer has either initially contracted for five (5) MWs or more of capacity or whose aggregate peak load at any time amounts to five (5) MWs or greater (including any later increases to such load) and (2) the expanded load requirements of an Existing Customer subject to Rate Schedule 10 as defined therein, where such expanded load requirements are defined as Expansion Demand or Expansion Energy in Rate Schedule 10 e.(2).

# b. Term of the Rate Schedule:

This rate schedule shall take effect at 12:01 a.m. on the later to occur of September 1, 1999, or the date upon which the CAI Kentucky Public Service Commission approves this rate schedule.

c. Rates

PURFED 2 5 2000

				Y
Date of Issue	October 18, 20	02	Date Effective	February 25, 2000
$-$ 7 $_{1}$	alt	D: D: E	tria Communication D.O.B.	ox 24, Henderson, KY 42420
Issued By VV	VA 1000	Big Rivers Elec	tric Corporation, P.O. B	ox 24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 2002-00272, Order dated October 1, 2002



PSC No. 22
Second Revised Sheet No. 38
Cancelling First Revised Sheet No. 38

### **RULES AND REGULATIONS**

(1) Rates Separate for Each Large Industrial Customer

Each month each Member Cooperative shall be required to pay separately for each of its qualifying Large Industrial Customers taking service under this tariff, in each case using that individual Large Industrial Customer's contract demand (if any) or metered demand, as applicable.

- (2) For all Large Industrial Customer delivery points, a Monthly Delivery Point Rate consisting of:
  - (a) A Demand Charge of:

All kW of billing demand at \$10.15 per kilowatt.

Plus,

(b) An Energy Charge of:

All kWh per month at \$0.013715 per kWh.

JUL 17 2009

KENTUCKY PUBLIC SERVICE COMMISSION

- (c) No separate transmission or ancillary services charges shall apply to these rates.
- (3) The Demand and Energy Charges under this tariff shall not be subject to automatic adjustment for increases or decreases in fuel costs through a fuel adjustment clause, whether under 807 KAR 5:056 or otherwise, or by any automatic adjustment for an environmental surcharge, whether under KRS 278.183 or otherwise.

EFF 78 2000

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Date of Issue	October 18, 2002	Date Effective	February 25, 2000
	1.1		
Issued By	A pla Big Rivers Ele	ectric Corporation, P.O. Box	24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 2002-00272, Order dated October 1, 2002



PSC No. 22
Second Revised Sheet No. 39
Cancelling First Revised Sheet No. 39

# **RULES AND REGULATIONS**

# d. CHARGES

Each month, each Member Cooperative shall pay on behalf of each of its large industrial customers taking service under this rate schedule a demand charge calculated by multiplying the demand charge rate contained in Section 7.c.2(a) by the higher of the maximum integrated metered thirty-minute coincident peak demand or the established contract demand, if any, plus an energy charge calculated by multiplying the energy charge contained in Section 7.c.2(b) by the metered consumption of kWh in that month.

#### e. BILLING

Big Rivers shall bill Member on the first working day after the 13th of the month for the previous month's service hereunder for Large Industrial Customers. Member shall pay Big Rivers in immediately available funds on the first working day after the 24th of the month. If Member shall fail to pay any such bill within such prescribed period, Big Rivers may discontinue delivery of electric power and energy hereunder upon five (5) days' written notice to Member of its intention to do so. Such discontinuance for non-payment shall not in any way affect the obligation of Member to pay the take-or-pay obligation of a particular Large Industrial Customer.



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PUBLIC SERVICE

Date of Issue October 18, 2002 Date Effective February 25, 2000

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 2002-00272, Order dated October 1, 2002



		PSC No.	23
	Origin	nal Sheet No.	40
Cancelling	22	Sheet No.	40

			RULES A	ND REGU	ILATIONS			
	f.	BILI	LING FO	RM:				
BIG I	RIVERS ELE	CTRIC		INVOICE P.O. BC		ENDERSO	N, KY 4	12420
TO: LARGE INDU		STOME				/ /	THRU	/ /
USAGE DEMAND /	TIME	/	DAY	M	METER	MUL	Т.	KW DEMAND
POWER FACTOR	BASE		PEAK	A	VERAGE		BILLE	ED
ENERGY	PREVI	OUS	PRESEN	IT C	)IFFEREN(	CE MUL	T. KWH L	JSED
DEMAND		KW T	IMES \$	EQUA	LS	\$		CANCELLED
P/F PENA	ALTY	KW T	IMES \$_	EQUA	ALS	\$		JUL 1 7 2009
ADJUSTM	ENT	KW T	IMES \$SL	EQUA JBTOTAL	ILS	\$ \$		KENTUCKY PUBLIC SERVICE COMMISSIC
ENERGY		KWH	TIMES \$.	E	QUALS	\$	PUBL	IC SERVICE COMMISSION
	ENT VILICEMENT	KWH	TIMES \$.	E	QUALS	\$		OF KENTUCKY EFFECTIVE
RESTITUTION AD HISTORIC		KWH	TIMES \$.			\$		MAY 24 1999
LOAD FACTOR			TUTAL	AMOUNT	DOE	\$		UANT TO 807 KAR 5:011, SECTION 9 (1)
ACTUAL		MILL	S PER KW	lΉ			BY: _SECR	ETARY OF THE COMMISSION
DUE IN IMMEDIATHE 24 TH OF THE		LABLE	FUNDS C	ON OR BE	FORE THE	E FIRST	WORKING	DAY AFTER
Date of issue	June 21, 199	ণ্ড		Date Eff	ective	May 24	, 1999	
Issued By	Dhih		Big Rivers	Electric C	orporation,	P.O. Bo	x 24, Hen	derson, KY 42420



ELECTRIC CORP		PSC No. 22 Original Sheet No . 41 Sheet No.
	RULES AND REGULATIONS	
B. <u>CAB</u>	LE TELEVISION ATTACHMENT	
1.	Applicability:	
	In all territory served by Big Rivers on poles owned a Rivers for its electric plant.	and used by Big
2.	Availability:	
	To all qualified CATV operators having the right to r	and the second s
3.	Rental Charge:	JUL 1 7 2009
	The yearly rental charges shall be as follows:	KENTUCKY PUBLIC SERVICE COMMISSION
	Two-party pole attachment without ground Three-party pole attachment without ground	\$3.14 \$2.23
	Two-party pole attachment with ground Three-party pole attachment with ground	\$3.37 \$2.37
PUBLIC SERVICE COMMISSION	Two-party anchor attachment	\$5.56
OF KENTUCKY  EFFECTIVE	Three-party anchor attachment	\$3.71
4. JUL 18 1998	Billing:	
PURSUANT TO 307 KAR 5:011, SECTION 9 (1) BY: SECRETARY OF THE COMMISSION	Rental charges shall be billed yearly based on the numin place as of the end of the preceding calendar year. within fifteen (15) days after the bill is mailed. If the fail to pay any such bill within such fifteen (15) day per may discontinue service hereunder upon fifteen days' CATV operator of its intention to do so.	Payment is due CATV operator shall eriod, Big Rivers
Date of Issue Augu	Date Effective July 18, 1	998
Issued By	Big Rivers Electric Corporation, P.O. Box 24,	Henderson, KY 42420
Issued By Authority of F	PSC in Case No. 98-267, Order dated July 14, 1998	



	PSC No.	22
	Original Sheet No .	42
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

# 5. Specifications:

- a. The attachments covered by this tariff shall at all times conform to the requirements of the National Electrical Safety Code, 1981 Edition, and subsequent revisions thereof, except where the lawful requirements of public authorities may be more stringent, in which case the latter will govern.
- b. The strength of poles covered by this agreement shall be sufficient to withstand the transverse and vertical load imposed upon them under the storm loading of the National Electrical Safety Code assumed for the area in which they are located.

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JUL 17 2009

KENTUCKY PUBLIC SERVICE COMMISSION

PUBLIC SERVICE COMM:SSION OF KENTUCKY EFFECTIVE

JUL 18 1998

PURSUANT TO 807 KAR 5011, SECTION 9 (1)

BY: SECRETARY OF THE COMMISSION

Date of Issue August/12, 1998	Date Effective July 18, 1998
Date of Issue August/12, 1998 Issued By	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 4242





ELECTRIC	CCRPORATION		P	SC No. 22
		Consulting		et No . 43
		Cancelling	Sne	et No
	RULI	ES AND REGULATIONS		
	6. Billing Form:			
		INVOICE		
	Cable Television		INVOICE NO	
	DESCRIPTION		AMOUNT	<u>r</u>
	Re: Cable Television Atta	achment Agreement		
	_	et forth in Licensor's tariffs ission. License granted Se		
	Applicable Tariff		Qty Rai	<u>te</u>
	Two-party pole attachmen	nt without ground	\$3.	14
	Three-party pole attachme	•	\$2	23
	Two-party pole attachmen	nt with ground	\$3.:	37
	Three-party pole attachme	_	\$2	
	Two-party anchor attachm	nent	\$5.:	56
	Three-party anchor attach		\$3.1	
PUBLIC SERVICE COMM OF KENTUCKY EFFECTIVE	Terms: Net Fifteen (15) D  Direct any inquiry to Vice Phone: (502) 827-2561	ays President of Finance & Ac	lministrative Servi	ces
JUL 18 199	8	Total A	mount Duoi	
PURSUANT TO 807 KA	R 5:011.		mount Due:	
SECTION 9 (1)		CA	NCELLED	
BY: TREGAND BY SECRETARY OF THE COM	MISSION:	J	JL 1 7 2009	
SECHETARY OF THE COM			ITUCKY PUBLIC ICE COMMISSION	
Date of Issue		Date Effective	July 18. 1998	******

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



PUBLIC SERVICE COMMISSION

OF KENTUCKY EFFECTIVE

JUL 20 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1)

For All Territory Served By Cooperative's Transmission System

	PSC No.	23
Original	Sheet No.	44
Cancelling	Sheet No	)

#### **RULES AND REGULATIONS**

8.	<b>BIG RIVERS COGENERATION AND SMALL POWER</b>
	PRODUCTION PURCHASE TARIFF - OVER 100 KW

Availability: a.

> Available to any customer of a Member Cooperative who qualifies as a cogenerator or small power producer pursuant to Regulation 807 KAR 5:054 of the Kentucky Public Service Commission.

- b. Terms and Conditions:
  - (1) The cogeneration or small power production facility must have a total design capacity over 100 KW.
  - All power from a QF purchased under this tariff will be CANCELLED (2) sold to Big Rivers. JUL 17 2009
  - (3) The QF must provide good quality electric power within antucky public reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
  - (4) QF shall provide reasonable protection for Big Rivers and the Member Cooperative's system.
  - (5) QF shall design, construct, install, own, operate, and maintain the Qualifying Facility in accordance with all applicable codes, laws, regulations, and generally accepted utility practices.
  - all ıg

BY: StephanO BY SECRETARY OF THE COM			vers and the Member Cooperative for interconnecting with the QF, including interconnection, and billing.	
Date of Issue	July 30, 1999	Date Effective	July 20, 2000	
Issued By	Ma. forte	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42420	



PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL_ 20 2000)

PURSUANT TO 807 K/AR 5:011, SECTION 9 (1)

SECRETARY OF THE COMMISSION

Date of Issue

# For All Territory Served By Cooperative's Transmission System

	PSC No.	23
Original	Sheet No.	45
Cancelling	Sheet No.	

# RULES AND REGULATIONS

4		TODES AND RESOLATIONS	
	(7)	QF shall enter into a written contract with B Such contract shall set forth any specific arrabetween the parties based on the individual c so involved.	ngements
c.	Defin	nitions:	
	(1)	Big Rivers – "Big Rivers" shall mean Big Ri- Corporation.	vers Electric
	(2)	LEM - "LEM" means LG&E Energy Market	ting, Inc.
	(3)	Member Cooperatives – As of the effective d tariff, "Member Cooperatives" means collect Kenergy Corp., Jackson Purchase Energy Cor and Meade County Rural Electric Cooperativ	ively, rporation
MISSION	(4)	Power Purchase Agreement – "Power Purcha Agreement" means the Power Purchase Agree between Big Rivers and LEM dated July 1998	ement
00	(5)	QF – "QF" means a cogeneration or small po production facility meeting the criteria for Qu Facility of Section 4 of 807 KAR 5:054.	
R 5:011, )	(6)	Third Party Supplier – "Third Party Supplier" supplier of wholesale electric service to Big I than SEPA or LEM pursuant to the Power Pu Agreement.	livers other
MOSSION		Agreement.	JUL 1 7 2009
d.	Rates	for Purchases from QFs:	KENTUCKY PUBLIC SERVICE COMMISSION
July 30, 1	999	Date Effective July 20, 2000	

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420 Issued By Issued By Authority of PSC in Case No. 99-354, Order dated July 20, 2000



	PSC No.	_23
Original	Sheet No.	46
Cancelling	Sheet No	).

# **RULES AND REGULATIONS**

(1) Capacity Purchase Rates:

Big Rivers presently has no avoided capacity costs and the Capacity Purchase Rate is, therefore, zero. At such time when it becomes necessary for Big Rivers to procure additional system capacity or energy beyond that available under the Power Purchase Agreement and from SEPA, then Big Rivers will determine its avoided costs for capacity, energy, or both for power requirements in excess of those amounts available under the Power Purchase Agreement and from SEPA.

(2) <u>Firm Energy Purchase Rates</u>:

The Energy Purchase Rates in each month shall be based upon Big Rivers' actual avoided cost for energy in each hour of the month, plus applicable losses, and shall be the lesser of:

(i) The applicable Base Power rate as specified in Section 6.3(a) of the Power Purchase Agreement; plus Base Power Rate Adjustment, if any, as specified in Section 6.3(b) of the Power Purchase Agreement; minus, applicable penalty to the Base Power rate in any hour in which an Hourly Deficit occurs pursuant to Section 6.4(b) of the

(ii) The actual price in \$ per MWh paid by Big Rivers for energy purchased from a Third Party Supplier in each hour of the month.

Power Purchase Agreement; or,

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: SKOWN BUU
SECRETARY OF THE COMMISSION

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Date of Issue	July 30, 1999	Date Effective	July 20, 2000

Issued By Market Big Rivers Electric Corporati

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 99-354, Order dated July 20, 2000

JUL 1 / 2009

KENTUCKY PUBLIC
SERVICE COMMISSION



	PSC No.	23
Original	Sheet No.	47
Cancelling	Sheet No	),

#### **RULES AND REGULATIONS**

# e. Failure to Generate:

The QF shall indemnify Big Rivers for any and all additional costs incurred as a result of the QF's failure to generate, including without limitation, costs of ancillary services necessary to maintain reliability on the Big Rivers' system.

# f. System Emergencies:

During system emergencies, Big Rivers may discontinue purchases or the QF may be required to provide energy or capacity in accordance with 807 KAR 5:054 – Section 6.

# g. <u>Interconnections</u>:

Big Rivers requires a three party interconnection agreement between the QF Member, Big Rivers, and the Member Cooperative prior to service under this tariff. Big Rivers shall make interconnections with the Member Cooperative, the QF Member, or both as required and the QF Member will pay for the interconnection costs in accordance with 807 KAR 5:054 – Section 6 and the interconnection agreement.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE h.

Loss Compensation:

JUL 20 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephan BU

SECRETARY OF THE COMMISSION

Power and energy purchased by Big Rivers pursuant to this rate schedule which must be transmitted to Big Rivers' transmission system across or through utilities owned by a Member Cooperative shall be subject to an adjustment to reflect losses between the QF and the point of delivery to the Big Rivers transmission system.

Date of Issue July 30, 1999	Date Effective July 20, 2000
Issued By Wallt	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420
	CANCELLED





	PSC No.	23
Original	Sheet No.	48
Cancelling	Sheet No	).

#### **RULES AND REGULATIONS**

# 9. <u>BIG RIVERS COGENERATOR AND SMALL POWER PRODUCER</u> SALES TARIFF – OVER 100 KW

# a. Availability:

Available to any Member Cooperative for service to any member of the Member Cooperative with a cogeneration and/or small power production facility (i) that has a net output of less than 5,000 kW and (ii) which meets the criteria for Qualifying Facility of 807 KAR 5:054 – Section 4 and are certified or self-certified pursuant to FERC regulations. Charges for the services under this tariff to any Member Cooperative for service to any member of the Member Cooperative with a cogeneration and/or small power production facility which equals or exceeds 5,000 kW in net output shall be established by special contract. Big Rivers encourages, as an alternative to this tariff and the charges provided herein, that a Member Cooperative negotiate a special contract with Big Rivers to meet the requirements of any retail member for the services provided for in this tariff.

# b. Applicability:

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

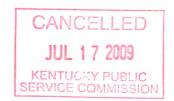
JUL 20 2000

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan BUU

STORETARY OF THE COMMISSION

Applicable to purchases made by a Member Cooperative for service to any QF Member of a Member Cooperative with a total capacity requirement of 100 kW or more with on-site generation of 100 kW or more operating in excess of 200 hours per year, electrically engineered so that it can meet part or all of its load with its own generation, for service not covered by one of Big Rivers' other rates. The QF Member shall have the option to provide all or part of its load with its own generation in which case that portion of the QF Member's load requirements not met by the QF, shall be provided to the Member Cooperative under

Date of Issue	July 30, 1999	Date Effective	July 20, 2000
Issued By	math	Big Rivers Electric Corporation,	P.O. Box 24, Henderson, KY 42420





	PSC No.	23
Original	Sheet No.	48a
Cancelling	Sheet N	lo.

#### **RULES AND REGULATIONS**

this tariff and all requirements for back-up or maintenance service for the QF Member shall be provided under this tariff. Otherwise, the QF Member may sell all of the output of its QF in which case the QF Member's load requirements shall be provided to the Member Cooperative under the terms and conditions of one or more of Big Rivers' standard rates applicable to the load requirements and type of service of the QF Member.

c. Definitions:

PUBLIC SERIVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 20 2000

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan Bry
SECRETARY OF THE COMMISSION

KENTUCKY PUBLIC

Date of Issue	July 30, 1999	Date Effective July 20	, 2000
Issued By	malte	Big Rivers Electric Corporation, P.O. Box 24, He	nderson, KY 42420
Issued By Auth	nority of PSC in PSC (	Case No. 99-354, Order dated July 20, 2000	UII 17 2009



PSC No. 23
Original Sheet No. 49
Cancelling Sheet No. _

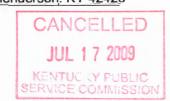
# **RULES AND REGULATIONS**

	(1)	Big Rivers – "Big Rivers" shall mean Big Rivers Electric Corporation.
	(2)	LEM - "LEM" means LG&E Energy Marketing, Inc.
	(3)	Member Cooperative – As of the effective date of this tariff, "Member Cooperatives" means collectively, Kenergy Corp., Jackson Purchase Energy Corporation and Meade County Rural Electric Cooperative Corporation.
	(4)	Off-System Sales Transaction – "Off-System Transaction" means sales of electric energy by Big Rivers other than to the Member Cooperatives, Oglethorpe Power, HMP&L, and Hoosier Energy pursuant to the Power Purchase Agreement.
	(5)	Power Purchase Agreement – "Power Purchase Agreement" means the Power Purchase Agreement between Big Rivers and LEM dated July 1998.
ILIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE	(6)	QF – "QF" means a cogeneration or small power production facility meeting the criteria for Qualifying Facility of Section 4 of 807 KAR 5:054 and are certified or self-certified pursuant to FERC regulations.
JUL 2 0 2000	(7)	QF Member – "QF Member" means a member of a Member Cooperative with a QF.  KENTUCKY PU  KENTUCKY PU
RSUANT TO 807 KAR 5:011, SECTION 9 (1) SKONAND BLUL SECRETARY OF THE COMMISSION	(8)	Third Party Supplier – "Third Party Supplier" means any supplier of wholesale electric service to Big Rivers other than SEPA or LEM pursuant to the Power Purchase
Date of IssueJuly 30,	1999	Date Effective July 20, 2000
ssued By Ma	/./ Le 1	Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420
ssued By Authority of PSC ir	Case N	o. 99-354, Order dated July 20, 2000



	PSC No.	23
Original	Sheet No.	50
Cancelling	Sheet No.	

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		RULES ANI	D REGULATIO	<u>NS</u>	
	Agreement.				
	d. <u>Conditions of Service</u> :				
	Т	o receive servi	receive service hereunder, the Member Cooperative must:		
		for electric Rivers. arrangen circumst	ric service her Such contract nents betweer ances and sha i) Specify availab unsche	Iember an executed, written contract reunder on terms acceptable to Big shall set forth any specific the parties based on individual all:  The maximum capacity to be made le to the QF Member on an duled basis in any hour (Maximum eduled Capacity), and	
•		(1	terms a	ed by the QF Member, specify the nd conditions for the delivery of nance Service, and	
OF K	VICE COMMISSION KENTUCKY FECTIVE	(i	capacit interruj interruj	ed by the QF Member, specify the y of on-site generation for which otible unscheduled back-up and otible scheduled maintenance power provided, and	
JUL.  PURSUANT T SEC  BY: Stroky	2 (0 <b>2000</b> TO 807 KAR 5:011, TION 9 (1)	(i	the Me require taking quality	any other term or condition which mber Cooperative or Big Rivers may for service used by a QF Member, into account the nature of use, the used, the quantity used, the time sed, the purpose for which used,	
Date of Issue	July 30, 199	9	Date Effectiv	eJuly 20, 2000	
Issued By	afte	Big Rivers E	lectric Corpora	tion, P.O. Box 24, Henderson, KY 42420	





	PSC No	23
Original	Sheet No.	51
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

and	any	other	reasonal	ble	consi	derat	ion,	and
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- (2) Enter into a contract with Big Rivers, or amend an existing contract with Big Rivers, to specify the terms and conditions of service between Big Rivers and the Member Cooperative regarding the power supply for the QF Member.
- e. For each QF Member, the Member Cooperative will be billed monthly for:
  - (1) Supplementary Service (capacity and energy).
  - (2) Unscheduled Back-up Service, if any (capacity charge only).
  - (3) Maintenance Service (capacity and energy), if any.
  - (4) Excess Demand, if any.
  - (5) Additional charges, if any.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE Monthly Charges for Sales to a Member Cooperative for Service to a QF Member:

(1) Supplementary Service:

JUL 20 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephan Boul SECRETARY OF THE COMMISSION Supplementary demand shall be the QF Member's highest actual demand (adjusted for distribution losses if applicable) measured during the month, excluding Scheduled Maintenance Demand up to but not exceeding the actual measured demands in each demand interval during a Maintenance Schedule, and supplementary

Date of Issue	July 30, 1999	Date Effective	July 20, 2000	

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Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420





	PSC No	23
Origina	Sheet No.	52
Cancelling	Sheet No	 ).

#### **RULES AND REGULATIONS**

energy shall be the actual measured energy (adjusted for distribution losses if applicable), excluding Maintenance Energy sold to the QF by the Member Cooperative in each month. The monthly charges for supplementary demand and energy shall be:

> \$7.37 per kW of Supplementary Demand \$0.0204 per kWh of Supplementary Energy

(2) Unscheduled Back-up Service:

Unscheduled Back-up Demand is the QF Member's Maximum Unscheduled Capacity minus the Supplementary Billing Demand for the month. In months in which Maintenance Service has been Scheduled, appropriate credit for Scheduled Maintenance Demand shall be applied to the Unscheduled Back-up Demand such that the Member Cooperative will not be charged for Unscheduled Back-up Demand in addition to Scheduled Maintenance Demand when Scheduled Maintenance Service is being provided. The monthly charges to a Member Cooperative for Unscheduled Back-up Demand shall be:

\$7.37 per kW of Unscheduled Back-up Demand

Maximum Unscheduled Capacity shall initially be the amount as specified by the QF Member per contract with the Member Cooperative, but in no case less than the actual demand delivered in any month, including the current month. Big Rivers will accept a reduction in the Maximum Unscheduled Capacity upon twelve (12) months advance

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 20 2000

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	PSC No	23
Original	Sheet No.	53
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

notice from the Member Cooperative. Said notice must specify the reduction in kWs and the basis for the lower requirement. All energy shall be billed as either supplementary energy or maintenance energy.

(3) Maintenance Service:

Maintenance Service shall be available to a Member Cooperative to back-up a QF Member's QF only if the Member Cooperative has scheduled delivery of the maintenance services in advance with Big Rivers. The Member Cooperative may schedule up to four weeks of seven consecutive days each per year of such service for a OF Member, subject to scheduling of such usage by Big Rivers. The Member Cooperative may reschedule at anytime by giving forty-eight (48) hours notice to Big Rivers. Scheduled Maintenance Demand may not exceed the design capacity of the QF Member's QF. Maintenance Service will be available on an on-peak or off-peak basis. The selection of on-peak Maintenance Service entitles the Member Cooperative to schedule the service for the OF Member at any time. The selection of off-peak Maintenance Service entitles the Member Cooperative to schedule the service for the QF Member only during those hours not designated as on-peak. The designated on-peak hours are as follows:

(i) Summer on-peak usage is defined as power requirements occurring between the hours beginning 6:00 am and ending 10:00 pm on any weekday from May 1 through September 30.

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	(i)	Summer on-peak usage
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SECTION 9 (1)		the hours beginning 6:0
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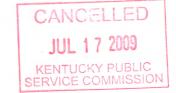
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OF KENTUCKY EFFECTIVE

Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420





	PSC No.	23
Original	Sheet No.	54
Cancelling	Sheet No.	

# **RULES AND REGULATIONS**

- (ii) Winter on-peak usage is defined as power requirements occurring between the hours beginning 6:00 am and ending 10:00 pm on any weekday from December 1 through March 31.
- (iii) Off-peak usage is defined as all power requirements not included in paragraph (i) or (ii).

The charges for On-peak Maintenance Service shall be the greater of:

- (1) \$1.835 per kW of Scheduled Maintenance Demand per week, plus
  - \$0.0204 per kWh of Maintenance Energy; or
- (2) 110% of the price at the time of scheduling of a block of energy obtainable by Big Rivers in the futures market which is sufficient to meet the Member Cooperative's scheduled Maintenance Service requirements.

The charges for Off-peak Maintenance Service shall be:

\$1.835 per kW of Scheduled Maintenance Demand per week, plus

\$0.0204 per kWh of Maintenance Energy.

Maintenance Energy shall be the amount of energy purchased by the Member Cooperative for the QF Member

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PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: SKONAND BULL SECRETARY OF THE COMMISSION

Date of Issue

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July 30, 1999

Date Effective July 20, 2000

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JUL 17 2009

KENTUCKY PUBLIC SERVICE COMMISSION



	PSC No	_23
Original	Sheet No.	55
Cancelling	Sheet No	),

#### **RULES AND REGULATIONS**

in each hour during Scheduled Maintenance Service up to but not exceeding the Scheduled Maintenance Demand in each hour.

(4) Excess Demand:

Excess Demand is the amount in any hour by which the actual demand, less any Maintenance Demand, exceeds the previously established Maximum Unscheduled Capacity. Charges for Excess Demand shall be in addition to the charges for Supplementary Service and shall be either:

- (i) One hundred-ten percent (110%) of Big Rivers' actual cost, including transmission service, to import energy from a Third Party supplier to supply the Excess Demand of the Member Cooperative for the QF Member; or
- (ii) If it is not necessary for Big Rivers to import energy from a Third Party Supplier, charges for Excess Demand shall be the greater of: a) \$7.37 per kW times the highest Excess Demand recorded during the month: or b) 110% of the highest price received by Big Rivers during an Off-System Sales Transactions during the month times the sum of the Excess Demands measured during the month.

Big Rivers shall be the sole determinant of when and under what circumstances it is required to import energy from a Third Party Supplier to

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	PSC No	23
Original	Sheet No.	56
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

provide Excess Demand.

# (5) Additional Charges:

Any and all costs incurred by Big Rivers as a result of the QF's failure to generate, including, without limitation, ancillary services necessary to maintain reliability on the Big Rivers' system, shall be charged to the Member Cooperative in addition to all other charges.

# (6) Interruptible Service:

Interruptible Supplementary Service or Interruptible Back-up Service will be made available, upon request. Terms and conditions of interruptible service will be as negotiated under special contract according to the terms of 807 KAR 5:054.

# g. Interconnections:

Big Rivers requires a three party interconnection agreement between the QF Member, Big Rivers, and the Member Cooperative prior to service under this tariff. Big Rivers shall make interconnections with the Member Cooperative, or the QF Member, or both as required and the QF Member will pay for the interconnection costs in accordance with 807 KAR 5:054 – Section 6 and the interconnection agreement.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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System Emergencies:

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BY: SKOPAND BUY
SECRETARY OF THE COMMISSION

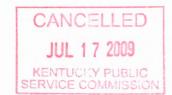
During System Emergencies, Big Rivers may discontinue sales in accordance with 807 KAR 5:054 – Section 6.

Date of Issue	July 30, 1999	Date Effective	July 20, 2000	

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Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420





	PSC No.	23
Original	Sheet No.	57
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

# i. Loss Compensation:

Power and energy delivered by Big Rivers pursuant to this rate schedule shall be metered at or compensated to Big Rivers' point of delivery to the Member Cooperative. Where metering of the QF Member's load is at a point of delivery on a Member Cooperative's distribution system, metered demand and energy shall be adjusted to compensate for distribution losses prior to billing hereunder.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

JUL 20 2000

PURSUANT TO 807 KAR 5:011,
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Date of Issue	July 30, 1999	Date Effective	July 20, 2000	
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Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420





	PSC No.	23
Original	Sheet No.	58
Cancelling	Sheet No	э.

# **RULES AND REGULATIONS**

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	f. <u>BIL</u> l	LING FORM:
		NVOICE .O. BOX 24, HENDERSON, KY 42420
TO: COGENERATOR AND DELIVERY POINTS JSAGE:	SMALL POWER PRODUCER SALES SERVIO	ACCOUNT CE FROM / / THRU / /
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P/F PENALTY		kW TIMES \$ EQUALS \$
ENERGY	JUL 20 2000	kWh TIMES \$EQUALS \$
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PSC No. __23
Original Sheet No. _59
Cancelling ____ Sheet No. _

#### RULES AND REGULATIONS

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OFF-PEAK  DEMAND PER-WEEK  ENERGY  SUBTOTAL	kW TIMES kWh TIMES		EQUALS EQUALS	\$ \$ \$
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ADDITIONAL CHARGES TOTAL AMOUNT DUE				\$
RESTITUTION ADJUSTMENT HISTORIC TOTAL AMOUNT DUE	kWh TIMES	\$	EQUALȘ	\$ \$
LOAD FACTOR ACTUAL MILLS PER kWh				
DUE IN IMMEDIATELY AVAILABLE FUNDS ON OR BEFORE T	THE FIRST WO	RKING DAY	AFTER THE	24 TH OF THE MONTH
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For All Territory Served By Cooperative's Transmission System

PSC No. 22

Third Revised Sheet No .__60

Cancelling Second Revised Sheet No. 60

# **RULES AND REGULATIONS**

# 10. BIG RIVERS LARGE INDUSTRIAL CUSTOMER EXPANSION RATE

#### a. Availability:

This schedule is available to any of the Member Cooperatives of Big Rivers for service to certain large industrial or commercial loads as specified in item (b) defining applicability. For all loads meeting the applicability criteria below, no other Big Rivers tariff rate will be available. As an alternative to this rate schedule, the Member Cooperative may negotiate a "Special Contract Rate" with Big Rivers for application on a case by case basis for loads meeting the applicability criteria below.

#### b. Applicability:

This schedule shall be applicable as follows:

(1) To purchases made by a Member Cooperative for service to any New Customer initiating service after August 31, 1999, including New Customers with a QF as defined in Rate Schedule 9, that either initially contracts for five (5) MWs or more of capacity or whose aggregate peak load at any time amounts to five (5) MWs or greater (including any later increases to such load) in which case the entire load shall be thereafter subject to this rate schedule.

JUL 17 2009

(2) To purchases made by a Member Cooperative for expanded load requirements of Existing Customers, including Existing Customers with a QF as defined in Rate Schedule 9, where:

(i) the customer was in existence and served under the then effective Big Rivers Large Industrial Customer Rate Schedule any time during the Base Year and, (ii) the

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Issued By Authority of PSC in Case No. 2007-00164, Order Dated February 1 2008

Executive Director



PSC No. _ 22

Second Revised Sheet No. 61

Cancelling First Revised Sheet No. 61

#### **RULES AND REGULATIONS**

expanded load requirements are increases in peak load which in the aggregate result in a peak demand which is at least five (5) MWs greater than the customer's Base Year peak demand.

(3) To purchases made by a Member Cooperative for the expanded load requirements of Existing Customers, including Existing Customers with a QF as defined in Rate Schedule 9, where: (i) the customer's load was in existence and served through a Rural Delivery Point as defined in A.1.a.(3) of this Transaction Tariff; (ii) the expanded load requirements are increases in peak load which in the aggregate result in a peak demand which is at least five (5) MWs greater than the customer's Base Year peak demand; and (iii) the customer requires service through a dedicated delivery point as defined in A.1.a.(2) of the Rules and Regulations Section of this Transaction Tariff.

# c. Conditions of Service

To receive service hereunder, the Member Cooperative must:

- (1) Obtain from the customer an executed written contract or amend an existing contract, for electric service hereunder with terms acceptable to Big Rivers.
- (2) Enter into a contract with Big Rivers, or amend an existing contract with Big Rivers, to specify the terms and conditions of service between Big Rivers and the Member Cooperative regarding power supply for the customer.

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Issued By Authority of PSC in Case No. 2005-00275, Order Dated August	ust 11, 2005 SECTION 9 (1)
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	Executive Director



PSC No. 22

Second Revised Sheet No . 62

Cancelling First Revised Sheet No. 62

#### **RULES AND REGULATIONS**

# d. <u>Definitions:</u>

- (1) Base Year "Base Year" shall mean the twelve (12) calendar months from September 1998 through August 1999.
- (2) Big Rivers "Big Rivers" shall mean Big Rivers Electric Corporation.
- (3) Existing Customer "Existing Customer" shall mean any customer of a Member Cooperative served as of August 31, 1999.
- (4) LEM "LEM" shall mean LG&E Energy Marketing, Inc.
- (5) Member Cooperatives As of the effective date of this tariff, "Member Cooperatives" shall mean collectively, Kenergy Corp., Jackson Purchase Energy Corporation, and Meade County Rural Electric Cooperative Corporation.
- (6) New Customer "New Customer" shall mean any customer of a Member Cooperative commencing service on or after September 1, 1999.
- (7) OATT "OATT" shall mean Big Rivers' effective Open Access Transmission Tariff filed at the Federal Energy Regulatory Commission and/or the Kentucky Public Service Commission.

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JUL 17 2009

KENTUCKY PUBLIC
SERVICE COMMISSION

(8) Power Purchase Agreement – "Power Purchase Agreement shall mean the Power Purchase Agreement between Big Rivers and LEM dated July 1998.

Date of Issue August 19, 2005

Date Effective February 25, 2000

Big Rivers Electric Corporation, P.O. Box 24, Henderson, 10, 2011

Issued By Authority of PSC in Case No. 2005-00275, Order Dated August 11, 2005

PUBLIC SERVICE COMMISSION

February 25, 2000

2/25/2000

SE:CTION 9 (1)

Executive Director



PSC No. 22

Third Revised Sheet No. 63

Cancelling Second Revised Sheet No. 63

	<u>†</u>	RULES AND REGULATIONS
(T) (T) (T)	(9)	Real Time Pricing – "Real Time Pricing" shall mean market pricing scheduled a day or week ahead, as requested by the Distribution Cooperative on behalf of the retail customer.
(T)	(10)	SEPA - "SEPA" shall mean the Southeastern Power Administration.
(T) (T) (T) (T) (T)	(11)	Special Contract Rate — "Special Contract Rate" shall mean a rate negotiated with a Distribution Cooperative to serve the load requirements of a New Customer or an Existing Customer, which will include, upon request by the Distribution Cooperative, rates based on Real Time Pricing.
(T)	(12)	Third-party Supplier – "Third-party Supplier" shall mean any supplier of wholesale electric service to Big Rivers other than LEM pursuant to the Power Purchase Agreement or SEPA.
	e.	Expansion Demand and Expansion Energy:
	(1)	Expansion Demand and Expansion Energy for the load requirements of a New Customer shall be the Member Cooperative's total demand and energy requirements for the New Customer, including amounts sufficient to compensate for losses on the Big Rivers' transmission system as set forth in Big Rivers' OATT.
	(2)	Expansion Demand for the expanded load requirements of an Existing Customer shall be the amount in kW by which the customer's Billing Demand exceeds the customer's Base Year peak demand, plus an additional amount of demand sufficient to compensate for losses on the Big Rivers' transmission system as set forth in Big Rivers' OATT. In those months in which there is Expansion Demand, Expansion Energy shall be the amount in kWh by which the customer's Base Year peak demand, plus an additional amount of demand sufficient to compensate for losses on the Big Rivers' transmission system as set forth in Big Rivers' OATT. In those months in which there is Expansion Demand, Expansion Energy shall be the amount in kWh by which the customer's Billing Demand exceeds the customer's Base Year peak demand, plus an additional amount of demand sufficient to compensate for losses on the Big Rivers' transmission system as set forth in Big Rivers' OATT. In those months in which there is Expansion Demand, Expansion Energy shall be the amount in kWh by which the customer's Expansion Demand.
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,		Executive Director



PSC No. 22
Third Revised Sheet No. 64
Cancelling Second Revised Sheet No. 64

#### **RULES AND REGULATIONS**

for the current month exceeds the customer's actual kWh usage for the corresponding month of the Base Year, plus an additional amount of kWh sufficient to compensate for losses on the Big Rivers' transmission system as set forth in Big Rivers' OATT.

# f. Rates and Charges:

- (T) Expansion rate and charges shall be the sum of the following, including but not limited to Real-Time pricing:
  - (1) Expansion Demand and Expansion Energy Rates:

The Expansion Demand rates, Expansion Energy rates, or both shall be established to correspond to the actual costs of power purchased by Big Rivers from Third-Party Suppliers selected by Big Rivers from which Big Rivers procures the supply and delivery of the type and quantity of service required by the Member Cooperative for resale to its customer. Such monthly costs shall include the sum of all Third-Party Supplier charges, including capacity and energy charges, charges to compensate for transmission losses on Third-Party transmission systems, and all transmission and ancillary services charges on Third-Party transmission systems paid by Big Rivers to purchase such Expansion Demand and Expansion Energy and have it delivered to Big Rivers' transmission system.

(2) Expansion Demand Transmission Rate:

Big Rivers shall assess unbundled charges for network transmission service on the Big Rivers' Transmission

System according to the rates in Big Rivers' OATT applied to each kW taken as Expansion Demand. PUBLIC SERVIC

PUBLIC SERVICE COMMISSION OF KENTUCKY

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Date of Issue February 20, 2008 Date Effective February 25s2000 N 9 (1)

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Executive Director



PSC No. <u>22</u>
Third Revised Sheet No. <u>65</u>
Cancelling Second Revised Sheet No. 65

#### **RULES AND REGULATIONS**

# (3) Ancillary Services Rates for Expansion Demand and Expansion Energy:

Big Rivers shall assess unbundled rates for all ancillary services required to serve load served under this rate schedule. Big Rivers shall supply the following six ancillary services as defined and set forth in Big Rivers' OATT: (1) Scheduling, System Control and Dispatch; (2) Reactive Supply and Voltage Control from Generation Sources Services; (3) Regulation and Frequency Response Service; (4) Energy Imbalance Service; (5) Operating Reserve - Spinning Reserve Service; and (6) Operating Reserve - Supplemental Reserve Service. Generationbased ancillary services required to serve customers may, at Big Rivers' option, be purchased separately from Third-Party Suppliers other than LEM, in which case the actual costs of such ancillary services shall be passed through to the respective Member Cooperative. Alternatively, where Big Rivers supplies such ancillary services from its own resources (including additional purchases from LEM), such services will be provided under Big Rivers' tariff rates for such services as contained in Big Rivers' OATT.

#### (4) Big Rivers Adder

In addition to the charges contained in Items 10(f)(1), (2) and (3), Big Rivers shall charge \$.38 per kW/month for each kW billed to the Member Cooperative under this tariff for resale by the Member Cooperative to the qualifying customer.

(T) g. Meters

(T) Big Rivers shall provide an appropriate meter to all Large Industrial
(T) Customer Delivery Point customers served hinter Stirred Extended Number Stirred Content of KENTUCKY

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KENTUCKY PUBLIC

Date of Issue February 20, 2008 Date Effective February 25, 2800 N 9 (1)

Issued By Jan Spanders Big Rivers Electric Corporation, P.D. Box 24, Henderson, KY 42420

Issued By Authority of PSC in Case No. 2007-00164, Order Dated February

**Executive Director** 



PSC No. 22 Third Revised Sheet No. 66 Cancelling Second Revised Sheet No. 66

# **RULES AND REGULATIONS**

(T)	h. BILLING	FORM:		
	INVOI			
BIG RIV	ERS ELECTRIC CORP., P.O.	BOX 24, HENI	DERSON, KY 42420	)
TO: LARGE INDUSTRIAL CUS DELIVERY POINTS USAGE:	STOMER EXPANSION SERVICE	FROM / /		
DEMAND / TIME POWER FACTOR EXPANSION DEMAND	/ DAY ME BASE PEAK	ETER MULT. AVERAGE		kw DEMAND BILLED kw BILLED
	TOUS PRESENT	DIFFERE	NCE MULT.	kWh USED kWh USED
EXPANSION DEMAND & EXP	ANSION ENERGY			
EXPANSION DEMAND,	INCLUDING LOSSES	kw timės \$	EQUALS	\$
P/F PENALTY		kW TIMES \$	EQUALS	\$
EXPANSION ENERGY, OTHER EXPANSION S SUBTOTAL	INCLUDING LOSSES ERVICE CHARGES	kWh TIMES	\$ EQUALS EQUALS	
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PSC No. 22
Second Revised Sheet No. 67
Cancelling First Revised Sheet No. 67

# **RULES AND REGULATIONS**

RESTITUTION ADJUSTMENT HISTORIC	kwh TIMES \$ EQUALS \$
TOTAL AMOUNT DUE	\$
LOAD FACTOR ACTUAL MILLS PER kWh	
DUE IN IMMEDIATELY AVAILABLE FUNDS ON OR BEFORE THE MONTH	FIRST WORKING DAY AFTER THE 24TH OF THE

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KENTUCKY PUBLIC SERVICE COMMISSION

	PUBLIC SERVICE COMMISSION
Date of Issue August 19, 2005 Date Effective	February 25, 200 ENTUCKY
Issued By Big Rivers Electric Corporation, P.	2/25/2000 D. Box 24 Hender son by 242429 5:011
Issued By Authority of PSC in Case No. 2005-00275, Order Dated Augus	SECTION 9 (1)
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	Executive Director



	PSC No	23
Original	Sheet No.	68
Cancelling	Sheet No	).

#### **RULES AND REGULATIONS**

# 11. <u>BIG RIVERS ELECTRIC CORPORATION VOLUNTARY PRICE</u> CURTAILABLE SERVICE RIDER

# a. <u>Availability:</u>

This Rider is available to the Member Cooperatives of Big Rivers, to be used in conjunction with any of Big Rivers' standard tariffs or special contracts, for Curtailable Service offered by a Member Cooperative to individual customers (CS Customers) capable of curtailing at least 1,000 kW of load upon request.

# b. Conditions of Service:

- (1) Any request for curtailment under this Rider shall be made by Big Rivers through its Member Cooperatives. Each request for curtailment made by Big Rivers shall set forth the Terms of Curtailment in accordance with this Rider.
- (2) Each curtailment will be voluntary and the Member Cooperative may accept or decline the Terms of Curtailment offered by Big Rivers.
- (3) Big Rivers and the Member Cooperative shall mutually agree upon the method which shall be used to notify each CS Customer of a curtailment request under the provisions of this Rider. The method shall specify the means of communicating such curtailment (e.g., telephone, pager) and shall designate the CS Customer's representative(s) to receive said notification. The Member Cooperative is ultimately responsible for delivering and acting upon a curtailment notification from Big Rivers.

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PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan Buy
SECRETARY OF THE COMMISSION

Date of Issue	March 1	0, 2000	Date Effective	April 6, 2000
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ssued By Big Rivers Electric Corporation, P.O. Box 24, Henderson, KY 42420



	PSC No.	23
Original	Sheet No.	69
Cancelling	Sheet No	

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- Big Rivers will endeavor to provide as much advance notice as (4) possible of requests for curtailments under this Rider including an estimate of the duration of such curtailments. However, upon acceptance of the Terms of Curtailment, the load of the CS Customer, subject to those terms, shall be curtailed with as little as one (1) hour of advance notification.
- (5)No responsibility or liability of any kind shall attach to or be incurred by Big Rivers for, or on account of, any loss, cost, expense or damage caused by or resulting from, either directly or indirectly, any notice of curtailment or curtailment of service under the provisions of this Rider.
- (6) Big Rivers reserves the right to require verification of a CS Customer's ability to curtail its load. Inability to provide verification will be considered by Big Rivers when prioritizing requests for curtailment.
- The Member Cooperative shall not receive a Curtailment Savings **(7)** Payment for any curtailment period in which a CS Customer's curtailable load is already down for an extended period due to a planned or unplanned outage as a result of vacation, renovation, repair, refurbishment, force majeure, strike or any event other than the customer's normal operating conditions.

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# CS Curtailment Profiles:

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For each of its CS Customers, the Member Cooperative shall submit a CS Curtailment Profile Form. CS Curtailment Profiles shall include such information as:

PURSUANT TO 807 KAR 5:011, SECTION 9 (1)

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The maximum number of hours per day that the CS Customer has (1) the ability to curtail.

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Date of Issue	March 10, 2000	Date Effective_	April 6, 2000	KENTUCKY PUBLIC
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	PSC No	23
Original	Sheet No.	70
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

- (2) The maximum number of days and maximum number of consecutive days by month that the CS Customer has the ability to curtail.
- (3) The Minimum Curtailment Price at which each CS Customer is willing to curtail.
- (4) The Minimum Curtailable Demand and the Maximum Curtailable Demand curtailable by the CS Customer upon request.
- (5) The Member Cooperative may modify the Curtailment Profile for a CS Customer upon thirty (30) days notice in writing.
- d. Curtailed Demand and Energy:

Hourly Curtailed Demands of a CS Customer shall be determined for each curtailment period for which the CS Customer has accepted Big Rivers' Terms of Curtailment.

For each curtailment period, Hourly Curtailed Demands of each CS Customer shall be defined as the differences between the CS Customer's Demand Requirements and the actual demands measured in each hour of the curtailment period. The Demand Requirements may generally be the average of the CS Customer's demands measured in the four hours prior to the hour immediately preceding the curtailment period, provided that Big Rivers may use an average of the demands measured in any two or more of the four hours to provide a more representative estimate of the CS Customers' Hourly Curtailed Demands. The Curtailment Energy of each curtailment period shall be the sum of the Hourly Curtailed Demands.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephano Buy

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	PSC No.	23
Original	Sheet No.	71
Cancelling	Sheet No.	,

#### **RULES AND REGULATIONS**

# e. Terms of Curtailment:

For each curtailment request, Big Rivers shall identify the CS Customer(s) (when so directed by the Member Cooperative) to be curtailed. Big Rivers shall inform the Member Cooperative or each CS Customer of a curtailment request in accordance with the agreed upon method of notification, at which time the Terms of Curtailment shall be defined. The Terms of Curtailment shall include the following:

- (1) The time at which each curtailment period shall begin is to be established by Big Rivers. At least one (1) hour advance notice of each request for curtailment shall be provided.
- (2) The requested curtailment duration in clock hours to be established by Big Rivers.
- (3) The Curtailment Price to be paid by Big Rivers for each curtailment. The Curtailment Price shall be determined by Big Rivers on a case by case basis but in each case shall not be less than the Minimum Curtailment Price.

(4) The Member Cooperative shall specify or arrange for the CS Customer to specify:

a. The demand in kW (Curtailable Demand) that will be curtailed during the curtailment period, which shall not be less than the

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JUL 17 2009

Minimum Curtailable Demand.

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephano Buy

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	PSC No	<u>23</u>
Original	Sheet No	72
Cancelling	Sheet No.	

# **RULES AND REGULATIONS**

b. The Maximum Curtailment Period Demand (MCPD) to be purchased by the CS Customer during the curtailment period, which shall be the maximum hourly demand to be delivered by Big Rivers to the Member Cooperative for resale to the CS Customer.

# f. Curtailment Savings Payment:

The Curtailment Savings Payment for each curtailment period shall be equal to the product of the Curtailment Energy times the Curtailment Price for each respective curtailment period.

# g. Monthly Savings Payment:

The Member Cooperative's Monthly Savings Payment shall be equal to the sum of the Curtailment Savings Payments for the calendar month, less any charges computed for Excess Energy. The Monthly Savings Payment will be paid directly to the Member Cooperative by check or billing credit. A statement will be provided with each Monthly Savings Payment showing the amounts attributable to each CS Customer. This amount will be recorded in the Rural Utilities Service's Uniform System of Accounts – Electric under Other Power Supply Expenses, Account 557 – Other Expenses, such that the separate identity of this cost is preserved.

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APR 06 2000

PURSUANT TO 807 KAR 5:011, SECTION 9 (1) BY: Stephano BLUI

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# Charges For Excess Energy:

For any CS Customer whose Curtailable Demand is equal to or greater han 5,000 kW, should the Hourly Curtailed Demand be less than 75% of the Curtailable Demand in any hour of the curtailment period, then the Excess Demand for that hour shall be the difference between the Hourly Curtailed Demand and 75% of the Curtailable Demand. There will be no Excess Demand for any CS Customer who's Curtailable Demand is less than 5,000 kW. Excess Energy is the sum of any hourly Excess Demands.

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	PSC No	_23
Original	Sheet No.	73
Cancelling	Sheet No.	

# **RULES AND REGULATIONS**

Any Excess Energy recorded during a curtailment period shall be charged at 150% of the Curtailment Price, in addition to the charges contained in the standard applicable rate for electric service. For any CS Customer who's Hourly Curtailed Demand is less than 75% of their Curtailable Demand, Big Rivers may not, at its discretion, allow such CS Customer to benefit from future curtailment opportunities.

# i. Term:

Contracts under this Rider may be made for an initial period of one (1) year and shall remain in effect thereafter until either party provides to the other at least 30 days' written notice prior to the start of the next year of its intention to discontinue service under the terms of this Rider.

# j. Special Terms and Conditions:

CS Customer information, including, but not limited to, CS Curtailment Profiles, shall remain confidential.

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KENTUCKY PUBLIC SERVICE COMMISSION

PUBLIC SERVICE COMMISSION OF KENTUCKY EFFECTIVE

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PSC No. 23 Sixth Revised Sheet No.74 Cancelling Fifth Revised Sheet No.74

#### RULES AND REGULATIONS

# 12. MEMBER DISCOUNT ADJUSTMENT RIDER

# a. Availability:

Available pursuant to Section A.7. of this tariff for electric service provided by Big Rivers to its Member Rural Electric Cooperatives for all Rural Delivery Points and Large Industrial Customer Delivery Points, served under Rate Schedule C.4.d. and Rate Schedule C.7. respectively.

# b. Applicability:

Applicable in all territory served by Big Rivers' Member Cooperatives.

#### c. Discount Adjustment Rate:

The amount of each Monthly Discount Adjustment will be \$306,666.67. Each month Big Rivers will total the amounts of all bills issued to its Member Cooperatives for service under Rate Schedule C.4.d. and Rate Schedule C.7. in the previous billing month (the "Unadjusted Billing Revenues"). Each bill in the current billing month will state a credit in an amount calculated by multiplying (i) the ratio of unadjusted billing revenue contained in the bill for the previous billing month to total Unadjusted Billing Revenues times (ii) the Monthly Discount Adjustment. The credit on each bill in the current billing month will appear, in dollars and cents, on the line titled "Adjustment" in the demand section of the bill, where the credit will also be stated as an equivalent billing demand kW rate, in dollars and cents rounded to seven decimal places.

T. d. This Tariff Rider shall be effective for service rendered 12:01 a.m. September 1, 2007 through August 31, 2008.

	PUBLIC SERVICE COMMISSION OF KENTUCKY
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	PSC No	<u>23</u>
	Original Sheet No.	<u>75</u>
Cancelling	Sheet No	

#### **RULES AND REGULATIONS**

#### 13. RENEWABLE RESOURCE ENERGY SERVICE TARIFF RIDER

a. Applicability:

Applicable in all territory served by Big Rivers' member cooperatives.

b. Availability:

Renewable Resource Energy service is available in accordance with the terms of this tariff rider to any Big Rivers Member purchasing wholesale power for delivery at any Rural Delivery Point or Large Industrial Customer Delivery Point on its system under Rate Schedule C.4.d., Rate Schedule C.7.c. or Rate Schedule 10, subject to Big Rivers' general rules and regulations on file with the Public Service Commission of Kentucky. For purposes of this renewable resource energy service tariff rider, (i) the term "Renewable Resource Energy" means electric energy generated from solar, wind, ocean, geothermal energy, biomass, or landfill gas, and (ii) the term "biomass" means any organic material that is available on a renewable or recurring basis, including dedicated energy crops, trees grown for energy production, wood waste and wood residues, plants (including aquatic plants, grasses, and agricultural crops), residues, fibers, animal wastes and other organic waste materials (but not including unsegregated municipal solid waste (garbage)), and fats and oils.

c. Conditions of Service:

(1) Renewable Resource Energy service availability is contingent upon Big Rivers' ability to purchase a wholesale supply of Renewable Resource Energy in the quantity and at the quality requested by a Member Cooperative.

JUL 17 2009 KENTUCKY PUBLIC SERVICE COMMISSION

		PUBLIC SERVICE COMMISSION
Date of Issue March 23, 2007	Date Effective	July 19, 2007 ^{EFFECTIVE} 7/19/2007
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	PSC No	<u>23</u>
	Original Sheet No.	
Cancelling	Sheet No.	

#### **RULES AND REGULATIONS**

Big Rivers will make Renewable Resource Energy service available to a Member to support a contract for Renewable Resource Energy service entered into between a Member and one of its retail members, and approved by Big Rivers. That contract must commit the Member to sell, and the retail member to buy, Renewable Resource Energy in a specified number of 100 kWh blocks per month for a period of not less than one year. Upon approval of the contract by Big Rivers, the purchase and payment obligations of the retail member stated in that contract (less any retail mark-up of the Member) will become the wholesale take-or-pay obligation of the Member to Big Rivers, until (i) the retail member contract expires by its own terms, or (ii) the termination date for the contract of the retail member specified in a written notice from the Member to Big Rivers, which date is a date no earlier than the date on which the written notice from the Member is received by Big Rivers.

# d. Monthly Rate:

The monthly rate for Renewable Resource Energy is the rate in the rate schedule under which the Member is purchasing electricity for its retail member who contracts to purchase Renewable Resource Energy, except that the energy rate is: \$5.50 per 100 kWh block (\$0.055 per kWh), subject to any adjustment, surcharge or surcredit that is or may become applicable under that wholesale rate schedule. This rate charged to a Member for a kWh of Renewable Resource Energy is in lieu of the energy rate that would otherwise be applicable to that energy purchase under Rate Schedule C.4.d.(2), Rate Schedule C.7.c.(2)(b) or Rate Schedule 10. Renewable Resource Energy purchased by a Member in any month will be conclusively presumed to be the first kilowatt hours delivered to that Member in that month.

# e. Billing:

Sales of Renewable Resource Energy are subject to the terms of service and payment of the wholesale rate schedule under which Renewable Resource Energy is purchased.

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Date of Issue March 23, 2007	Date Effective	July 1	9, 2007 EFFECTIVE 7/19/2007
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	PSC No23
	Original Sheet No. 77
Cancelling	Sheet No.

# **RULES AND REGULATIONS**

# f. Member Discount Adjustment Rider:

Revenue collected by Big Rivers under this Renewable Resource Energy tariff for service to its Member Cooperatives for all Rural Delivery Points and Large Industrial Customer Delivery Points served under Rate Schedule C.4.d. and Rate Schedule C.7., respectively, will be included in Unadjusted Billing Revenues for purposes of the Member Discount Adjustment Rider.



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