RICHARDSON GARDNER & ALEXANDER

ATTORNEYS-AT-LAW
117 EAST WASHINGTON STREET
GLASGOW, KENTUCKY 42141-2696
writer's e-mail: wlg@rgba-law com

BOBBY H. RICHARDSON WOODFORD L. GARDNER, JR. T. RICHARD ALEXANDER II JOHN B. GARDNER

(270) 651-8884 (270) 651-2116 FAX (270) 651-3662

March 19, 2012

RECEIVED

Mr. Jeff Derouen Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, KY 40602-4615

MAR 2 0 2012

PUBLIC SERVICE COMMISSION

Dear Mr. Derouen:

Enclosed you will find an original and six (6) copies of Farmers Rural Electric Cooperative's Tariff Filing for a new commercial time-of-day tariff. This new tariff is being filed with supporting documentation for compliance with the provisions of KRS 278.160(1) and 807 KAR 5:011, Section 6(3)(b).

This tariff filing contains the following listed documents.

- A. Copies of the new tariff sheets
- B. Explanation of Process Used to Develop the New Tariff
- C. Proposed Rate in Summary Form
- D. Cost Support for Schedule C- Time-of-Day Commercial Service Rate
- E. Customer Charge for TOD Metering
- F. Board Resolution Supporting This Rate

As a matter of information, we plan to follow up with a filing for additional time-of-use rates later this year. We have an immediate need and interest for this particular class of service which has led to the filing this tariff now.

Since the listed effective date for this tariff is May 1, 2012, Farmers Rural Electric Cooperative requests Commission's approval so this rate can be effective on the requested date. Thank you.

Sincerety, Farmers Rulal/Electric Cooperative Corpora

Woodford Gardner

Enclosures

	FOR ALL TERRITORY SERVED
	Community, Town or City
	P.S.C. KY. NO9
TANDARDO DEID AL HE HOUNDEO	Original SHEET NO. 6 M.1
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLING P.S.C. KY. NO.
	SHEET NO.
RA	ATES AND CHARGES
SCHEDULE C - TIME-OF-I	DAY - COMMERCIAL SERVICE
<u>APPLICABLE</u> : In all territory served by	the seller.
AVAILABILITY: Available to consumer	rs for commercial or non-residential loads of all
uses including lighting, heating, and power	er not exceeding a total kilowatt demand of 500
kW; all subject to the established rules and	i regulations of the seller.
<u>TYPE OF SERVICE</u> : Single phase or available voltages.	three phase where available, 60 cycles at
RATES	PER MONTH
Customer Charge:	
Single Phase Service	\$19.75 per month
Three Phase Service	\$60.26 per month
Energy Charge per kWh:	
On-Peak Energy	\$0.11814 per kWh
Off-Peak Energy	\$0.06000 per kWh
On-Peak Hours	
May – September	9:00 a.m. – 9:00 p.m. CST*
October – April	6:00 a.m. – 11:00 a.m. CST*
	4:00 p.m. – 9:00 p.m. CST*
	*Refer to notation on following page concerning daylight savings time.
All other hours are Off-Peak. DATE OF ISSUE: March 15, 2012	
DATE EFFECTIVE: May 1, 2012	
1)	
ISSUED BY: William J. Hutting TITLE: President & Chief Executive Officer	
Issued by authority of an Order of the Public Serv in Case No. Dated:	ice Commission of Kentucky

	FOR	ALL TERRITORY SERVED Community, Town or City
	P.S.C. KY. NO	D9
	Original	SHEET NO. 6 M.2
FARMERS RURAL ELECTRIC COOPERATIVE CORPORATION	CANCELLIN	G P.S.C. KY. NO
		SHEET NO
RATES AND CHA	RGES	
SCHEDULE C – TIME-OF-DAY – COMM	ERCIAL SEI	RVICE
*During the period when Daylight Savings Time is no billing times will move forward one hour for the beginning September will be 10:00 a.m. to 10:00 p.m.)	ormally obsering and ending	ved, the On-Peak g hours (i.e. May -
MINIMUM MONTHLY CHARGE: The minimum morates shall be the Customer Charge.	onthly charge	under the above
TERMS OF PAYMENT: All rates are subject to the Environmental Surcharge provisions as established by re Kentucky Public Service Commission.		
The rates listed are net, the gross being five percent (5%) monthly bill is not paid within twelve (12) days from the prompt payment discount shall be forfeited and the gross a	date the bill	was rendered, the
DATE OF ISSUE: March 15, 2012		
DATE EFFECTIVE: May 1, 2012	•	
ISSUED BY: William J. Franking TITLE: President & Chief Executive Officer	and to become	
Issued by authority of an Order of the Public Service Commission of in Case No Dated:	Kentucky	

FARMERS RURAL ELECTRIC COOPERATIVE CORPOATION DEVELOPMENT OF OPTIONA COMMERCIAL TIME OF DAY RATE

PREPARED TESTIMONY OF JAMES R. ADKINS

- Q1. State your name and business address.
- A1. I am James R. Adkins and my business address is 1041 Chasewood Way, Lexington, KY 40513-1731.
- Q2. What has been your role in the development of this tariff for a Commercial Time of Day rate?
- A2. My role in this application has been to assist Farmers Rural Electric Cooperative ("Farmers") in its development.
- Q3. What is your professional experience in the area of electric utility rate-making?
- A3. I have spent the last thirty-three years dealing with electric utility rates. I was employed by EKPC as its Pricing Manager for almost twenty-five years. I spent a little over one year with the Prime Group, LLC and I have been self-employed for the last seven plus years. Prior to my electric utility career, I was employed in the finance and accounting areas of the medical care field for close to eight years. I also served in the U.S. Army as an infantryman in the Republic of Vietnam in the late 1960s.

- Q4. What is your educational background?
- A4. I received a Bachelors Degree in Commerce with a major in banking and finance in 1971 and a Masters of Science in Accounting in 1976. Both of my degrees were granted by the University of Kentucky. Since then, I have attended several seminars, conferences and courses on rate-making as well as making presentations at many conferences and seminars on electric utility rate-making, cost of service, and rate design.
- Q5. Have you ever appeared as a witness before this Commission?
- A5. I have appeared as a witness before this Commission many times in rate applications, applications for certificates public convenience and necessity, fuel adjustment clause hearings, and administrative cases. I have testified on the behalf of East Kentucky Power Cooperative ("EKPC") and for all of EKPC's member cooperatives and for other distribution cooperatives in Kentucky.
- Q6. What are the proposed rate and its purpose?
- A6. Farmers has developed this proposed optional Commercial Time of Day ("TOD") rate to provide its members a choice in electric rates with the potential to reduce their electric bill. The tariff for the proposed rate is Exhibit A in this filing.

- Q7. How was the proposed rate developed?
- A7. The billing determinants for all customers whose demand is less than 500 kW were identified in Farmers current Schedule C Commercial & Industrial Service. It was then determined which group fit into the Part 1 and Part 2 of this tariff. Different rates apply for Part 1 customers and Part 2 customers. The on and off-peak energy usage for these customers was also established based on East Kentucky Power Cooperative, Inc. current on and off-peak hours. The second step was to normalize the revenue form current rates for these customers based on their billing determinants. This normalization is presented in Exhibit D. Once the revenue was normalized for these customers, TOD rates could be established.
- Q8. How were the proposed rates designed?
- A8. It was determined to use the current customer charge and increase by an amount to pay for the increased costs that would be incurred by Farmers by implementing this proposed tariff. The additional investment is \$500.00 per customer and amounts to an increase in the customer charge of \$8.33 per month. The basis for this additional cost is provided in Exhibit E of this filing. The next step was to develop energy rates. It was determined to establish the energy rate at \$0.06 per kWh for all off-peak energy. The remainder of the revenue requirements

needed to maintain revenue neutrality is place on the on-peak energy rate and this amounts to \$0.11814 per kWh.

- Q9. What will this proposal do for Farmers?
- A9. It will enable Farmers to meet a current need to provide some rates options to this type of customer. It will allow a customer the potential to lower his current electric bill through using more energy during the off-peak hours.
- Q10. Does this conclude your testimony?
- A10. This concludes my testimony.

Affiant, James R. Adkins, states that the answers given by him in the foregoing questions are true and correct to the best of his knowledge and belief.

James R. Adkins

Subscribed and sworn to before me by the affiant, James R. Adkins, this 19^{+2} day of March, 2012

My Commission expires 7-30-2015

Notary Public, State of Kentucky at Large

Actary ID # 446566

FARMERS RECC

SUMMARY OF PROPOSED COMMERICAL TOD RATES

RATES PER MONTH

Customer Charge:

Single Phase Service \$19.75 (\$11.42 + \$8.33) Three Phase Service \$60.26 (\$51.93 + \$8.33)

Energy Charge Per kWh

On-Peak Energy \$0.11814 Off-Peak Energy \$0.06000

On- Peak Hours

May - September October - April

9 A.M.- 9 P.M. CST 6 A.M. – 11 A.M. CST 4 P.M. - 9 P.M. CST

All other hours are off-peak

FAMERS RECC

nev/s		PARAEDCIAI TODI	RATE - COST SUP	PORT
DEVE	FOLIMENT OF CO	INTERCIAL TOD	RATE - COST SUP	PORI
Schedule C				
Commercial &	Customer	Demand	Energ	y kWh
Industrial Service	Charges	KW	On-Peak	Off-Peak
Part 1				
<u>Month</u>				
December	116		128,623	153,259
November	116		139,402	167,245
October	114		131,335	157,504
September	113		213,834	145,369
August	113		184,567	130,448
July	109		202,514	142,485
June	109		173,823	122,197
May	108		166,143	132,461
April	108		133,427	163,473
March	108		135,048	166,196
February	107		139,732	173,498
January	106		132,241	162,545
	1,327		1,880,688	1,816,681
Rates	\$ 11.42		\$ 0.084240	\$ 0.084240
Nomalized Revenue	\$ 15,154		\$ 158,429	\$ 153,037
Total				\$ 326,621
Schedule C				
Commercial &	Customer	Demand	Energ	y kWh
Industrial Service	Charges	KW	On-Peak	Off-Peak
Part 2				
Month				
December	88	11,345	1,319,190	1,616,910
November	88	11,644	1,466,103	1,773,187
October	88	12,557	1,491,691	1,795,419
September	88	12,535	2,248,153	1,714,747
August	88	11,882	2,229,717	1,713,893
July	88	11,778	2,027,220	1,578,650
June	87	11,472	1,772,491	1,387,029
May	86	10,744	1,619,431	1,344,389
April	86	10,049	1,246,720	1,512,120
March	82	10,068	1,288,979	1,589,491
February	82	9,427	1,316,348	1,780,212
January	82	9,786	1,396,983	1,730,357
January	1,033	133,288	19,423,024	19,536,406
Rates	\$ 51.93	\$ 7.12	\$ 0.06513	\$ 0.06513
Nomalized Revenue	\$ 53,644	\$ 949,011	\$ 1,265,022	\$ 1,272,406
ואטוומוובכע ו/כעפוועפ	ψ 03,044	ψ 343, U11	ψ 1,∠05,U22	ψ 1,212,400
Total				\$ 3,540,083

FAMERS RECC

						<u></u>	
DEVE	ELOPMENT OF CO	DMMERCI/	AL TOD R	ATE -	COST SUPPO	RT	
Consolidated		0.				1 1 8 41	
Informations		Charges			Energ	y KVVI	
Parts 1 & 2	Part 1	Par	t 2		On-Peak		Off-Peak
Month							
December	116		88		1,447,812		1,770,170
November	116		88		1,605,504		1,940,433
October	114		88		1,623,026		1,952,923
September	113		88		2,461,987		1,860,116
August	113		88		2,414,284		1,844,341
July	109		88		2,229,735		1,721,134
June	109		87	-	1,946,314		1,509,226
May	108		86		1,785,575		1,476,849
April	108		86		1,380,147		1,675,593
March	108		82		1,424,027		1,755,687
February	107		82		1,456,080		1,953,710
January	106	-	82		1,529,224		1,892,902
	1327		1033		21,303,713		21,353,086
Normalized Revenu		Par	t 1		Part 2		Total
Customer Charges		\$	15,154	\$	53,644	\$	68,798
Demand Charges				\$	949,011	\$	949,011
Energy Charges			311,466		2,537,428		2,848,894
			326,621		3,540,083		3,866,703
Rate Design		<u>Par</u>			Part 2		
		Less Tha	<u>n 50 kW</u>	<u>5</u>	<u>0 - 499 kW</u>		
Customer Charge		\$	11.42	\$	51.93		
Additional Cost		Ψ	11.42	Ф	51.93		
for TOD Meter			8.33		8.33		
IOI TOD Weter		\$		œ		ļ	
		φ	19.75	\$	60.26		
Energy Rates							
Demand Revenue		**************************************	***************************************			\$	949,011
Energy Revenue							2,848,894
Total Energy Revenue							3,797,905
Off pook Engrav Bota				¢	0.0000		
Off-peak Energy Rate				\$	0.06000	ļ	-
Off-Peak Energy kWh	*				21,353,086		
Revenue for Off-peak E	nergy						1,281,185
Revenue for On-peak E	nergy						2,516,720
On-peak kWh							21,303,713
•						\$	0.11814

		FARMERS RURAL ELECTRIC	COUPERMINE	
		DEVELOPMENT OF ADDER FOR ADD	TIONAL METER	COSTS
		Data comes from 2010 Cooperative's		
4. [<u>Develo</u>	opment of a Fixed Charge Rate (Exclud	es Purchased Po	wer Costs):
		F		Fixed Date
		Expense		Fixed Rate
	1	Depreciation		0.034600
	2	Distribution Operations & Maintenance		0.062203
	3	Administrative & General		0.030400
	4	Total Costs - Distribution		0.127203
	5	Return		0.072600
		return		0.072000
	6	Annual Revenue Requirements		0.199803
		Monthly Fired Date		0.046650
	~~	Monthly Fixed Rate		0.016650
		(Excludes purchased power costs)		
3.	Basis	for Fixed Charge Rate Percentages:		
		-		
1. [Depred	ciation Rate is the actual depreciation expe	ense divided by ye	ar end
	invest	ment in distribution plant as provided on R	RUS Form 7.	
		Depreciation Expense	Dist Plant	Ratio
		\$2,194,698	\$63,463,558	0.0346
		ution O & M rate is the actual distribution (rided by the year end
	invest	ment in distribution plant as provided on R	- 	
		Dist O&M	Dist Plant	Ratio
		\$3,947,611	\$63,463,558	0.0622
			or and invastment	t in distribution plant
3 4	4dmin	& General expenses are divided by the ve		
3. /	۹dmin	& General expenses are divided by the year A & G Exp	Dist Plant	Ratio

				
	FARMERS RURAL ELECTR	IC COOPERATIV		
	DEVELOPMENT OF ADDER FOR AL	DITIONAL METE	R CO	STS
	Data comes from 2010 Cooperative			
4. Retu	rn is based Actual Debt and Interest for the		Return	on Equity
	based on TIER of 2.00. (Margins equ	ial Interest Costs).		
	Capital Structure			%
	Debt	\$41,367,471	,,,,	73.70%
	Equity (Excludes GTCC)	14,759,751		26.30%
		56,127,222		100.00%
	Interest and Equity Computations			
	Interest on LTD Using Interest Costs	for 2011	\$	2,036,209
	Margins Would be Equal to Interest for	Vould be Equal to Interest for 2.0 TIER		2,036,209
			\$	4,072,418
	D-1			Commonito
	Return on Capital Return on Debt	4.92%		Composite 3.63%
	Return on Equity	13.80%		3.63%
	Return on Equity	10.0070		7.26%
C. Cus	tomer Charge Adder			
A A 1 211			^	F00 00
1. Addit	tional Meter Cost		\$	500.00
2 Appl	ual Fixed Charge Rate from A. above			19.98%
<u>~. /`\ </u>	dai i incu charge nate nom n. above			10.0070
3. Annı	ual Costs for Distribution Lines		\$	99.90
4. Divid	de by 12 for monthly rate		\$	8.33

RESOLUTION

COMMERCIAL TIME-OF-DAY RATE TARIFF

Whereas, Farmers Rural Electric Cooperative Corporation plans to file an application with the Kentucky Public Service Commission to seek approval for the addition of a new optional Commercial Time-of-Day tariff to the Cooperative's rates.

Whereas, A Commercial Time-of-Day tariff will be offered to the Cooperative's members subject to approval of the Kentucky Public Service Commission.

Resolved, that the Farmers Rural Electric board of directors do hereby support the addition of this new tariff to the existing rate schedules.

#

Paul Hawkins, Chairman

Farmers Rural Electric Cooperative Corporation

Board of Directors

I, Neil Pendygraft, Secretary/Treasurer of Farmers Rural Electric Cooperative Corporation, do hereby certify that the above is a true and correct copy of a resolution adopted at the meeting of the Board of Directors of Farmers Rural Electric Cooperative Corporation on March 15, 2012 at which meeting a quorum was present.

Neil Pendygraft, Secretary Treasurer