

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

FEB 20 2017

PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:

APPLICATION OF NOLIN RURAL ELECTRIC)
COOPERATIVE CORPORATION FOR AN) CASE NO. 2016-00367
ADJUSTMENT OF EXISTING RATES)

RESPONSES TO ATTORNEY GENERAL'S INITIAL DATA REQUESTS
TO NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION
DATED JANUARY 24, 2017

Commonwealth of Kentucky
Before the Public Service Commission
Case No. 2016-00367

VERIFICATION

I verify, state and affirm that the testimony filed with this verification and for which I am listed as a witness is true and correct to the best of my knowledge, information and belief formed after a reasonable inquiry.

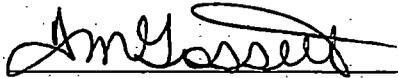


Michael L. Miller, President & CEO

State of Kentucky

County of Hardin

The foregoing was signed, acknowledged and sworn to before me by Michael L. Miller, this 16th day of February, 2017.



Notary Public

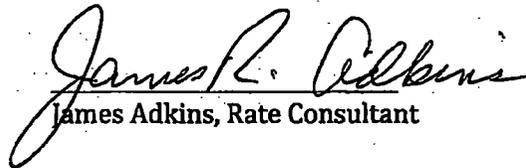
My Commission Expires:

08-07-18

Commonwealth of Kentucky
Before the Public Service Commission
Case No. 2016-00367

VERIFICATION

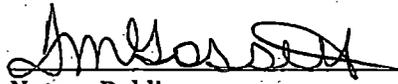
I verify, state and affirm that the testimony filed with this verification and for which I am listed as a witness is true and correct to the best of my knowledge, information and belief formed after a reasonable inquiry.


James Adkins, Rate Consultant

State of Kentucky

County of Hardin

The foregoing was signed, acknowledged and sworn to before me by Michael L. Miller, this 16th day of February, 2017.


Notary Public

My Commission Expires:

08-07-18

Commonwealth of Kentucky
Before the Public Service Commission
Case No. 2016-00367

VERIFICATION

I verify, state and affirm that the testimony filed with this verification and for which I am listed as a witness is true and correct to the best of my knowledge, information and belief formed after a reasonable inquiry.


Sara Roberson, VP Administration & Finance

State of Kentucky

County of Hardin

The foregoing was signed, acknowledged and sworn to before me by Michael L. Miller, this 16th day of February, 2017.


Notary Public

My Commission Expires:

08-07-18

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

1. Reference Nolin's Application generally. Provide all tables and exhibits referenced in or supporting the Application and testimony in their native electronic format (i.e. Microsoft Word, Microsoft Excel), with data including formulae in all cells and rows fully intact and fully accessible.
 - a. Provide all relevant and supporting worksheets in electronic format with data including formulae in all cells and rows fully intact and fully accessible.

Response:

The supporting tables and exhibits are attached as part of this filing in electronic format.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

2. Reference the Nolin Application generally. Provide all invoices from outside experts, consultants, and legal counsel related to the current rate case, as well as the total amount expended thus far. Provide this information on an ongoing basis.

Response

The total amount Nolin has expended thus far is \$72,064.32. Please see "Attachment 2A" for copies of receipts and invoices.

02/13/2017 10:12:02 AM

**GENERAL LEDGER
TRANSACTION DETAIL**

Page: 1

JAN 2016 To JAN 2017

Date	Journal Description	Actv BU Project	Jrnl Mod Code Reference	Debit	Credit	Balance
Account: 0 928.0 REGULATORY COMMISSION EXPENSE				Beginning Balance:		0.00
05/31/16	74116 Invoice	287	AP 4 RATE CASE PREP MTG	106.95		106.95
Total For Module - AP:				106.95	0.00	
Net Amount For MAY 2016:				106.95	0.00	
09/26/16	77341 Invoice	287	AP 4 RATE CASE - ROBERSON/COFFEY/	50.00		156.95
09/26/16	77341 Invoice	287	AP 4 RATE CASE - ROBERSON/ZUMSTE	51.00		207.95
Total For Module - AP:				101.00	0.00	
Net Amount For SEP 2016:				101.00	0.00	
10/07/16	77840 Invoice	287	AP 4 JOHN SCOTT ATTORNEY	620.00		827.95
10/07/16	77840 Invoice	287	AP 4 JOHN SCOTT ATTORNEY	360.00		1,187.95
10/07/16	77840 Invoice	287	AP 4 JOHN SCOTT ATTORNEY	340.00		1,527.95
10/27/16	78181 Invoice	287	AP 4 RATE CASE MEETING	57.78		1,585.73
10/31/16	78181 Invoice	287	AP 4 RATE CASE - GOSSETT/SPARKS/M	33.98		1,619.71
Total For Module - AP:				1,411.76	0.00	
Net Amount For OCT 2016:				1,411.76	0.00	
11/30/16	78971 Invoice	287	AP 4 RATE CASE DISCUSSION - ZUMST	59.00		1,678.71
11/30/16	78971 Invoice	287	AP 4 RATE CASE DISCUSSION-ADKINS/	59.74		1,738.45
Total For Module - AP:				118.74	0.00	
Net Amount For NOV 2016:				118.74	0.00	
12/05/16	79057 Invoice	287	AP 4 KERR OFFICE PLUS	58.29		1,796.74
12/19/16	79441 Invoice	287	AP 4 KERR OFFICE PLUS	184.44		1,981.18
12/30/16	80121 Invoice	287	AP 4 RATE CASE NOTICES	18,433.87		20,415.05
12/30/16	80121 Invoice	287	AP 4 AMS PROGRAMMING SERVICES -	300.00		20,715.05
12/31/16	79761 Invoice	287	AP 4 RATE CASE DISCUSSION - ADKIN	33.00		20,748.05
12/31/16	79761 Invoice	287	AP 4 PSC RATE CASE 2016-00367	380.59		21,128.64
12/31/16	79761 Invoice	287	AP 4 PSC RATE CASE 2016-00367 CERTI	10.00		21,138.64
12/31/16	79761 Invoice	287	AP 4 RATE CASE 2016-00367 ADKINS	95.89		21,234.53
12/31/16	80120 Invoice	287	AP 4 JOHN SCOTT - NOVEMBER 2016	2,360.00		23,594.53
12/31/16	80120 Invoice	287	AP 4 JOHN SCOTT - DECEMBER 2016	2,300.00		25,894.53
12/31/16	80120 Invoice	287	AP 4 JOHN SCOTT - OCTOBER 2016	1,480.00		27,374.53
Total For Module - AP:				25,636.08	0.00	
Net Amount For DEC 2016:				25,636.08	0.00	
01/08/17	80120 Invoice	287	AP 4 RATE CASE 2016-00367	24,435.00		24,435.00
01/27/17	80576 Invoice	287	AP 4 RATE CASE	19,807.00		44,242.00
01/30/17	80595 Invoice	287	AP 4 RATE CASE SUPPLIES	190.27		44,432.27

Attachment 2A
 Page 1 of 25
 Date: 02/13/17
 Printed By: Miller

02/13/2017 10:12:02 AM

**GENERAL LEDGER
TRANSACTION DETAIL**

Page: 2

JAN 2016 To JAN 2017

Date	Journal Description	Actv BU Project	Jrnl Mod Code Reference	Debit	Credit	Balance
Account: 0 928.0 REGULATORY COMMISSION EXPENSE			Department: 1	Beginning Balance:		
01/31/17	80594 Invoice	287	AP 4 TABS - RATE CASE SUPPLIES	6.30		44,438.57
01/31/17	80594 Invoice	287	AP 4 RATE CASE #2016-00367	101.55		44,540.12
01/31/17	80594 Invoice	287	AP 4 RATE CASE - ADKINS/GOSSETT/M	42.83		44,582.95
01/31/17	80594 Invoice	287	AP 4 RATE CASE - ADKINS/MILLER/GO	106.84		44,689.79
Total For Module - AP:				44,689.79	0.00	
Net Amount For JAN 2017:				44,689.79	0.00	
Subtotal For Account: 0 928.0			Department: 1	72,064.32	0.00	72,064.32
Account: 0 928.0 REGULATORY COMMISSION EXPENSE			Department: 2	Beginning Balance:		0.00
Account: 0 928.0 REGULATORY COMMISSION EXPENSE			Department: 5	Beginning Balance:		0.00
Grand Total Beginning Balances:				0.00	0.00	
Grand Total Transactions: 28				72,064.32	0.00	
Grand Total:				72,064.32	0.00	72,064.32

LAW OFFICE OF
JOHN J. SCOTT, PSC

108 EAST POPLAR STREET
P.O. BOX 389
ELIZABETHTOWN, KENTUCKY 42702-0389

JOHN J. SCOTT
ATTORNEY AT LAW

TELEPHONE 270-765-2179
FAX 270-765-2180

TO: NOLIN RECC
411 Ring Road
Elizabethtown, KY 42701

INVOICE

Invoice # 19086

Legal services for September, 2016.....\$3,310.00

\$620

LAW OFFICE OF
JOHN J. SCOTT, PSC

108 EAST POPLAR STREET
P.O. BOX 389
ELIZABETHTOWN, KENTUCKY 42702-0389

JOHN J. SCOTT
ATTORNEY AT LAW

TELEPHONE 270-765-2179
FAX 270-765-2180

TO: NOLIN RECC
411 Ring Road
Elizabethtown, KY 42701

INVOICE

Invoice # 19084

Legal services for July, 2016.....\$7,170.00

\$360

LAW OFFICE OF
JOHN J. SCOTT, PSC

108 EAST POPLAR STREET
P.O. BOX 389
ELIZABETHTOWN, KENTUCKY 42702-0389

JOHN J. SCOTT
ATTORNEY AT LAW

TELEPHONE 270-765-2179
FAX 270-765-2180

TO: NOLIN RECC
411 Ring Road
Elizabethtown, KY 42701

INVOICE

Invoice # 19085

Legal services for August, 2016.....\$10,210.00

~~\$340.00~~

Back case Meeting

Transaction Copy

The HoneyBaked Ham Company
3048 Ring Rd
Elizabethtown, KY 42701
(270) 763-0811
Store 2209

Visit us at HoneyBaked.com

Receipt #: 39507.22
Date: 10/03/2016 Time: 12:49 PM
Sales ID: hbh Drawer: MGR

Qty	Description	Price
4	Sand, Ham Classic	23.96
2	Sand, Chicken Salad	12.98
6	Box Lunch Upgrade	16.50
	Sub Total	53.44
	Tax	4.34
	Total	57.78
	Charge	57.78
	Total Amt Tendered	57.78
	Change	0.00

Card #: *****0277
Card Name: Visa
Auth: Y003835

Tell us about your visit at

MyHoneyBakedFeedback.com

to receive a Buy One Get One FREE
Sandwich offer!

Survey Code: 2209_3950722

Validation Code: _____

Offer Expires 10/17/2016

GREEN BAMBOO RESTAURANT
902 N DIXIE AVE
ELIZABETHTOWN, KY 42701
(270) 769-3957
MID: 48786290384064

Merchant ID: 06829038406403
Server ID: 6
Record Num.: 0024

Sale

xxxxxxxxxxxx0628 Exp: XX/XX
VISA Entry: Swiped

Amount: \$ 29.98
Tip: 4.00
Total: \$ 33.98

10/05/16 11:38:58
Inv#: 000024 Appr Code: 003933
Apprvd: Online Batch#: 000359
TRN Ref #: 58627
Validation Code:

Rate
CARDHOLDER
RETAIN THIS CO
VERI
Fel. G
M



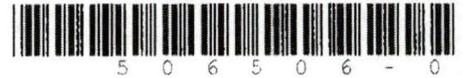
7 NORTH MAIN STREET
 ELIZABETHTOWN KY 42701
 270-765-6171

01.928.00
 A1287

Attachment 2A
 Page 1 of 45
INVOICE

INVOICE NUMBER Witness
 INVOICE DATE
 ACCOUNT NUMBER
 DEPT NUMBER

BILLTO ADDRESS		SHIPTO ADDRESS			
NOLIN RECC 411 RING ROAD ELIZABETHTOWN KY 42701 270-765-6153		NOLIN RECC 411 RING ROAD ELIZABETHTOWN KY 42701			
CUSTOMER PURCHASE ORDER	SALESPERSON	TERMS	ROUTE	PAYCODE	ORDER TAKER
CHERYL	KRISTY MAYS		2	CHARGE	1450



ITEM NUMBER	MFG	ITEM DESCRIPTION	UM	ORD QTY	B/O QTY	SHIP QTY	SELL PRICE	EXTEND PRICE
36592	BSN	PAPER, COPY, 3HP, 8.5X11, WHT	CT	1		1	54.99	54.99

Subtotal	54.99
Tax	3.30
Total Due	58.29



INVOICE

Attachment A
Page 11 of 45
507952-0
Witness: Michael Miller

17 NORTH MAIN STREET
ELIZABETHTOWN KY 42701
270-765-6171

INVOICE NUMBER []

INVOICE DATE 12/19/16

ACCOUNT NUMBER 10233

DEPT NUMBER []

BILL TO ADDRESS		SHIP TO ADDRESS			
NOLIN RECC 411 RING ROAD ELIZABETHTOWN KY 42701 270-765-6153		NOLIN RECC 411 RING ROAD ELIZABETHTOWN KY 42701			
CUSTOMER PURCHASE ORDER	SALESPERSON	TERMS	ROUTE	PAYCODE	ORDER TAKER
	KRISTY MAYS		2	CHARGE	KERR



ITEM NUMBER	MFG	ITEM DESCRIPTION	UM	ORD QTY	B/O QTY	SHIP QTY	SELL PRICE	EXTEND PRICE
63108	BSN	Who Called : Cheryl Thomas PAPER, PAD, LEGAL, LTR, WE	DZ	4		4	7.59	30.36
63109	BSN	PAPER, PAD, LEGAL, LGL, WE	DZ	3		3	12.79	38.37
25071	ACC	COVER, RPT, LTR, SD, WPSBD, BLK Phone: 270-765-6153 x 1050 Email: cthomas@nolinrecc.com	EA	60		60	2.90	174.00

CF
928 - CEC 287 = \$184.44
05. 921 = \$72.85

Subtotal 242.73

Tax 14.56

Total Due 257.29



**National Information
Solutions Cooperative
PO Box 1147
Mandan, ND 58554-1147**

Witness: Michael Miller

INVOICE: 354427

Invoice Date: 12/30/2016
Terms: NET 30 DAYS
Due Date: 01/29/2017
Amount Due: \$ 38,068.81

NOLIN RURAL ELECTRIC COOP CORP
411 RING ROAD
ELIZABETHTOWN KY 42701-8701

\$ 18,433.87

Account: 19051
Description: DECEMBER 2016 AMS INVOICE
Page 1 of 2

DESCRIPTION	QUANTITY	UOM	UNIT PRICE	AMOUNT	TAX
DATA PROCESSING - CREATE PRINT FILE	2,375.000	EA	0.0165	39.19	
POSTAGE - USPS	1.000	EA	10,331.4600	10,331.46	
MAIL SERVICES - INSERT BILLS	31,546.000	EA	0.0400	1,261.84	
MAIL SERVICES - ADD'L INSERT BILLS	27,539.000	EA	0.0150	413.09	
ENVELOPES - RETURN BILLS 8.5 X 11	20,005.000	EA	0.0175	350.09	✓
ENVELOPES - CARRIER BILLS 8.5 X 11	27,521.000	EA	0.0210	577.94	✓
FORMS - BILLS 8.5 X 11	31,722.000	EA	0.0200	634.44	✓
PRINT SVCS - DQS SIMPLEX	5,271.000	EA	0.0500	263.55	
FORMS - DQS 8.5 X 11	5,271.000	EA	0.0200	105.42	✓
ENVELOPES - CARRIER DQS 8.5 X 11	5,271.000	EA	0.0210	110.69	✓
MAIL SERVICES - INSERT DQS	5,271.000	EA	0.0400	210.84	
MAIL SERVICES - IMB / ACTIVTRACE - BILLS	27,705.000	EA	0.0065	180.08	
POSTAGE - DQS USPS	1.000	EA	1,996.4300	1,996.43	
MAIL SVCS - ADDR UPDATE 1ST TWO	666.000	EA	0.0500	33.30	

RETURN BOTTOM PORTION WITH PAYMENT

(810)



**National Information
Solutions Cooperative
PO Box 1147
Mandan, ND 58554-1147**

Account:	19051
Invoice:	354427
Due Date:	01/29/2017
Amount Due:	\$ 38,068.81
Amount Of Payment:	_____

Remit To:

NOLIN RURAL ELECTRIC COOP CORP
411 RING ROAD
ELIZABETHTOWN KY 42701-8701

NISC
PO BOX 1147
MANDAN ND 58554



**National Information
Solutions Cooperative**
PO Box 1147
Mandan, ND 58554-1147

INVOICE: 354427

Attachment 2A
Page 13 of 45
Witness: Michael Miller

Invoice Date: 12/30/2016
Terms: NET 30 DAYS
Due Date: 01/29/2017
Amount Due: \$ 38,068.81

NOLIN RURAL ELECTRIC COOP CORP
411 RING ROAD
ELIZABETHTOWN KY 42701-8701

Account: 19051
Description: DECEMBER 2016 AMS INVOICE Page 2 of 2

DESCRIPTION	QUANTITY	UOM	UNIT PRICE	AMOUNT	TAX
DATA PROC - E-BILL NOT PRINTED	1,530.000	EA	0.0150	22.95	
ENVELOPES - CARRIER BILLS LARGE	18.000	EA	0.1606	2.89	✓
PRINT SVCS - PEAK CHARGE - BILLS	17,643.000	EA	0.0050	88.22	
MAIL SERVICES - IMB / ACTIVTRACE - DQ	5,271.000	EA	0.0065	34.26	
FTP TRANSFER BILL IMAGE CYCLE FEE	11.000	EA	15.0000	165.00	
DATA PROC - TRANS BILL IMAGE FEE	1.000	EA	20.0000	20.00	
MAIL SERVICES - ADD'L INSERT BILLS	27,494.000	EA	0.0150	412.41	
POSTAGE - USPS	1.000	EA	10,299.5200	10,299.52	
PRINT SVCS - BILLS DUPLEX COLOR	31,722.000	EA	0.0850	2,696.37	
FORMS - CUSTOM IMPRINT 2524 ENDICIA ENV PRINTED BY J&M	28,000.000	EA	0.0240	672.00	✓
FORMS - OFFICIAL NOTICE INSERTS PRINTED BY J&M	28,000.000	EA	0.1080	3,024.00	✓
PRINT SVCS - NOTICES / LETTERS	27,594.000	EA	0.1375	3,794.18	
STATE OF KENTUCKY			328.65		
			TAX \$221.76		

MESSAGES		
If you have any questions regarding this invoice, please contact accountsreceivable@nisc.coop. Thank you.	Subtotal:	\$ 37,740.16
	Tax:	\$ 328.65
	Total:	\$ 38,068.81
	Amount Paid:	\$ 0.00
	Amount Due:	\$ 38,068.81



Nolin Rural Electric Cooperative Corporation
Mail Room Services
19051

Billing Forms

Date	Cycle	Printed	Inserted	Carrier Env	Brown Env	Return Env	Inserts 1	Inserts 2	Inserts 3	Ebill	Postage
12/1/2016	01	8,841**	8,802**	7,859	3	5,651	7,862				\$ 2,947.740
12/8/2016	02	7,627	7,581	6,851	7	5,029	6,858			2	\$ 2,567.221
12/19/2016	03	7,492	7,432	6,244	3	4,558	6,247			4	\$ 2,349.384
12/21/2016	04	7,762	7,731	6,567	5	4,767	6,572			1	\$ 2,467.116
		31,722	31,546	27,521	18	20,005	27,539			7	\$ 10,331.461

Item	Description	Quantity	Rate	Extended
36187	ENVELOPES - CARRIER BILLS 8.5 X 11	27,521	0.0210	\$ 577.94
32159	ENVELOPES - CARRIER BILLS LARGE	18	0.1606	\$ 2.89
36186	ENVELOPES - RETURN BILLS 8.5 X 11	20,005	0.0175	\$ 350.09
36188	FORMS - BILLS 8.5 X 11	31,722	0.0200	\$ 634.44
36180	MAIL SERVICES - ADD'L INSERT BILLS	27,539	0.0150	\$ 413.09
37177	MAIL SERVICES - IMB / ACTIVTRACE - BILLS	27,705	0.0065	\$ 180.08
36164	MAIL SERVICES - INSERT BILLS	31,546	0.0400	\$ 1,261.84
39001	POSTAGE - USPS	1	1.0000	\$10,331.46
37002	PRINT SVCS - BILLS DUPLEX COLOR	31,722	0.0850	\$ 2,696.37
36170	PRINT SVCS - PEAK CHARGE - BILLS	17,643	0.0050	\$ 88.22

Delinquents

Date	Cycle	Printed	Inserted	Carrier Env	Brown Env	Return Env	Inserts 1	Inserts 2	Inserts 3	Ebill	Postage
12/5/2016	01	1,207	1,207	1,207							\$ 456.316
12/12/2016	01	1,218	1,218	1,218							\$ 466.777
12/20/2016	01	1,427	1,427	1,427							\$ 537.340
12/27/2016	01	1,419	1,419	1,419							\$ 535.994
		5,271	5,271	5,271							\$ 1,996.427

Item	Description	Quantity	Rate	Extended
37173	ENVELOPES - CARRIER DQS 8.5 X 11	5,271	0.0210	\$ 110.69
37172	FORMS - DQS 8.5 X 11	5,271	0.0200	\$ 105.42
37178	MAIL SERVICES - IMB / ACTIVTRACE - DQ	5,271	0.0065	\$ 34.26
37175	MAIL SERVICES - INSERT DQS	5,271	0.0400	\$ 210.84
39007	POSTAGE - DQS USPS	1	1.0000	\$ 1,996.43
37170	PRINT SVCS - DQS SIMPLEX	5,271	0.0500	\$ 263.55



Nolin Rural Electric Cooperative Corporation
 Mail Room Services
 19051

Other

Date	Cycle	Printed	Inserted	Carrier Env	Brown Env	Return Env	Inserts 1	Inserts 2	Inserts 3	Ebill	Postage
12/8/2016	01	27,494	27,494				27,494				\$ 10,299.524
12/8/2016	99	100									\$
		27,594	27,494				27,494				\$ 10,299.524

Item	Description	Quantity	Rate	Extended
37185	DATA PROC - E-BILL NOT PRINTED	1,530	0.0150	\$ 22.95
11077	DATA PROC - TRANS BILL IMAGE FEE	1	20.0000	\$ 20.00
11090	DATA PROCESSING - CREATE PRINT FILE	2,375	0.0165	\$ 39.19
11076	FTP TRANSFER BILL IMAGE CYCLE FEE	11	15.0000	\$ 165.00
36180	MAIL SERVICES - ADDL INSERT BILLS	27,494	0.0150	\$ 412.41
37180	MAIL SVCS - ADDR UPDATE 1ST TWO	666	0.0500	\$ 33.30
39001	POSTAGE - USPS	1	1.0000	\$10,299.52
36201	PRINT SVCS - NOTICES / LETTERS	27,594	0.1375	\$ 3,794.18

VENDOR NAME
 INVOICE DESCRIPTION
 DATE TO PAY

NISC
 354427
 1/13/2017
 Dec-16

2011837

ACCT NO	DEPT	CEC	DESCRIPTION	AMOUNT
90300	1	16	POSTAGE	12,327.89
90300	1		NISC	2,734.91
186.1			ANNUAL MTG NOTICES	
90852	3	129	INSERTS	1,149.09
90853	3	129	INSERTS	1,149.09
92100	9		FT KNOX	
93020	1	50	CAPITAL CREDITS	
92100	5		ENVELOPES - PELLEY	
92800	1	287	RATE CASE NOTICES	20,707.83
92100	5		TAX FORMS/SHIPPING	
91000	3	129	INSERTS	
		TOTAL		38,068.81

+2696.37
 -10

2686.37

18202.11
 +10

18212.11

+142.42

TAX +221.76

18433.8

Cheryl Thomas

From: Cheryl Thomas
Sent: Tuesday, January 17, 2017 8:56 AM
To: 'Phillip Thomas'
Subject: RE: CR# 2779007 - Special Mailing

Thank you, Phillip! I will breakout a portion of the Mail Svcs charge and will request accounting look for the two charges you mentioned as they may be on another invoice.

Hope you have a great day!

Thanks again,
Cheryl

Charges for rate case

From: Phillip Thomas [mailto:Phillip.Thomas@nisc.coop]
Sent: Monday, January 16, 2017 2:03 PM
To: Cheryl Thomas
Subject: RE: CR# 2779007 - Special Mailing

Hi Cheryl,

Great to hear from you!

The Mail Svcs – Addr Update 1st Two refer to the address updates that are more detailed in ActivTrace. \$.05 was charged per piece that required an update (perhaps forwarding of some kind, etc.). Because one was sent to every active membership (similar to Annual Meeting Notices), this charge is presumably a bit higher than you would normally see for your billing/DQ cycles each month.

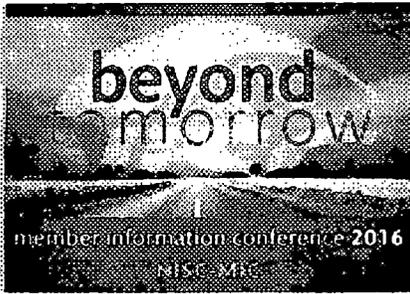
The August invoice had these charges as \$25.70 and the September invoice had these charges as \$20.92. Those invoices would have charged for the updates for the billing/DQ cycles.

So in reality, of that \$33.30, only about \$10.00 - \$15.00 or so truly belong to your special mailing.

Two things I can notice that are not on your totals:

1. The 2 hour programming charge for the creation of the notice (\$300.00).
2. The UPS shipping charge to return the blank notices/leftover supplies (\$16.53)

Thanks!



week 1: September 7-9 | week 2: September 12-14

Phillip Thomas

AMS Support Specialist
National Information Solutions Cooperative
One Innovation Circle
Lake Saint Louis, MO 63367
✉ e-mail: phillip.thomas@nisc.coop
☎ phone: 866-999-6472 ext 2336
☎ direct: 636-465-2335

From: Cheryl Thomas [<mailto:cthomas@nolinrecc.com>]
Sent: Monday, January 16, 2017 12:34 PM
To: Phillip Thomas
Subject: RE: CR# 2779007 - Special Mailing

Good morning, Phillip. I received an invoice for the project referenced in this e-mail. Unfortunately, I am not sure I have captured the full cost of this project based on the invoice. Here is what I can identify from our invoice:

Mail Services – Add’s Insert Bills (27,494)	\$412.41
Postage – (27,494)	\$10,299.52
Forms – Custom Imprint Env (28,000)	\$672.00
Forms – Official Notice Inserts (28,000)	\$3,024.00
Print Svcs – Notices/Letters (27,594)	\$3,794.18
Total	\$18,202.11

There is also a charge “Mail Svcs – Addr Update 1st Two (666) \$33.30” and I’m not sure if that is for the special mailing or not. Our CASS report only showed one error. Do you know if the \$33.30 is related to the project?

Have I missed any charges for this project? Since the special project was not on a separate invoice, I’m afraid I have failed to pick up some of the cost. Can you think of anything I have missed?

Thanks,
Cheryl

From: Phillip Thomas [<mailto:Phillip.Thomas@nisc.coop>]
Sent: Friday, December 09, 2016 11:46 AM
To: Cheryl Thomas
Subject: RE: CR# 2779007 - Special Mailing

Good morning Cheryl!

I have received confirmation this morning that your Rate Increase letters were printed and inserted overnight, and will be placed in the mail today.

We made it! 😊

Please find attached the approval form for the programming charges to create the notice. Please complete the form and return to my attention as you have opportunity and we’ll get this CR closed up for you.



**National Information
Solutions Cooperative
PO Box 1147
Mandan, ND 58554-1147**

INVOICE: 355274

Attachment 2A
Page 19 of 45
Witness: Michael Miller

Invoice Date: 12/30/2016
Terms: NET 30 DAYS
Due Date: 01/29/2017
Amount Due: \$ 758.72

NOLIN RURAL ELECTRIC COOP CORP
411 RING ROAD
ELIZABETHTOWN KY 42701-8701

Account: 19051		Page 1 of 2			
Description: DECEMBER 2016 MISC					
DESCRIPTION	QUANTITY	UOM	UNIT PRICE	AMOUNT	TAX
POSTAGE - PACKAGES	1.000	EA	169.7800	169.78	✓
ON-LINE BANKING TRANSACTIONS RPPS	745.000	EA	0.1000	74.50	
ON-LINE BANKING TRANSACTIONS FISERV	1,059.000	EA	0.1000	105.90	
POSTAGE - BILLS USPS - METER BATCH	1.000	EA	28.7400	28.74	
POSTAGE - PACKAGES	1.000	EA	15.6700	15.67	✓
PER LASER PERF EVERY 3 2/3" PPING #21270	2,500.000	EA	0.0200	50.00	✓
ATTN: SARA ROBERSON 12/1/16					
AMS PROGRAMMING SERVICES CR #2779007 ATTN: CHERYL	2.000	EA	150.0000	300.00	
STATE OF KENTUCKY			14.13		

RETURN BOTTOM PORTION WITH PAYMENT



**National Information
Solutions Cooperative
PO Box 1147
Mandan, ND 58554-1147**

Account: 19051
Invoice: 355274
Due Date: 01/29/2017
Amount Due: \$ 758.72

Amount Of Payment: _____

Remit To:

NOLIN RURAL ELECTRIC COOP CORP
411 RING ROAD
ELIZABETHTOWN KY 42701-8701

NISC
PO BOX 1147
MANDAN ND 58554



**National Information
Solutions Cooperative
PO Box 1147
Mandan, ND 58554-1147**

INVOICE: 355274

Invoice Date: 12/30/2016
Terms: NET 30 DAYS
Due Date: 01/29/2017
Amount Due: \$ 758.72

NOLIN RURAL ELECTRIC COOP CORP
411 RING ROAD
ELIZABETHTOWN KY 42701-8701

Account: 19051
Description: DECEMBER 2016 MISC Page 2 of 2

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MESSAGES

If you have any questions regarding this invoice, please
contact accountsreceivable@nisc.coop. Thank you.

Subtotal:	\$ 744.59
Tax:	\$ 14.13
Total:	\$ 758.72
Amount Paid:	\$ 0.00
Amount Due:	\$ 758.72

19051	12/2/2016	Nolin Rural Electric Cooperative Cooperator	1Z6693790197588526	Special Handled Bills - Cass & Error	Cy1B	UPS Next Day AY	38.11	0	N
19051	12/9/2016	Nolin Rural Electric Cooperative Cooperator	1Z6693790196085740	Special Handled Bills - Cass & Error	c2 bills	UPS Next Day AY	38.38	0	N
19051	12/9/2016	Nolin RECC	1Z6693790394919161	Special Handled Notices, Cass/Error		UPS Ground	16.53	0	N
19051	12/19/2016	Nolin Rural Electric Cooperative Cooperator	1Z6693790196342480	Special Handled Bills - Cass & Error	C3 B	UPS Next Day AY	38.38	0	N
19051	12/22/2016	Nolin Rural Electric Cooperative Cooperator	1Z6693790198720915	Special Handled Bills - Cass & Error	cy4b	UPS Next Day AY	38.38	0	N
19051	Total						169.78		

19051	12/1/2016 Nolin Rural Electric Coope 1Z6693790394008752	lvue Shipping Order	5 x Item 1850 - Paper Perf / Misc Receivable	UPS Grou Y	15.67	0 N	21270
19051 Total					15.67		

19051	12/2/2016	Nolin Rural Electric Cooperative CoiP000037401	Group 3's	Cy1B	Meter Batch Y	2.67	0	N
19051	12/6/2016	Nolin Rural Electric Cooperative CoiP000037697	Cass / Error Reports	CYCLE 3 DQ	Meter Batch Y	0.68	0	N
19051	12/9/2016	Nolin Rural Electric Cooperative CoiP000038102	Cass / Error Reports	CCC	Meter Batch Y	0.89	0	N
19051	12/9/2016	Nolin Rural Electric Cooperative CoiP000038141	Group 3's	c2 bills	Meter Batch Y	7.2	0	N
19051	12/13/2016	Nolin Rural Electric Cooperative CoiP000038453	Cass / Error Reports	C4 DQ1	Meter Batch Y	0.47	0	N
19051	12/20/2016	Nolin Rural Electric Cooperative CoiP000039120	Group 3's	C3 B	Meter Batch Y	3.61	0	N
19051	12/21/2016	Nolin Rural Electric Cooperative CoiP000039306	Cass / Error Reports		Meter Batch Y	0.47	0	N
19051	12/22/2016	Nolin Rural Electric Cooperative CoiP000039455	Group 3's	cy4b	Meter Batch Y	12.07	0	N
19051	12/28/2016	Nolin Rural Electric Cooperative CoiP000039788	Cass / Error Reports	CY 2 DQ1	Meter Batch Y	0.68	0	N
19051 Total						28.74		

VENDOR NAME
INVOICE DESCRIPTION
DATE TO PAY

NISC
355274
1/13/2017
Dec-16

2011837

ACCT NO	DEPT	CEC	DESCRIPTION	AMOUNT
90300	1	16	POSTAGE	225.32
90300	1		NISC	180.40
186.1			ANNUAL MTG NOTICES	
90852	3	129	INSERTS	
90853	3	129	INSERTS	
92100	9		FT KNOX	
93020	1	50	CAPITAL CREDITS	
90300	5		AMS PROGRAMMING SERVICES - THOMAS	300.00
92800	1	287	RATE CASE NOTICES	
92100	5		PAPER LASER - ROBERSON	53.00
91000	3	129	INSERTS	
		TOTAL		758.72

VENDOR NAME
INVOICE DESCRIPTION
DATE TO PAY

NISC
355274
1/13/2017
Dec-16

2011837

ACCT NO	DEPT	CEC	DESCRIPTION	AMOUNT
90300	1	16	POSTAGE	225.32
90300	1		NISC	180.40
186.1			ANNUAL MTG NOTICES	
90852	3	129	INSERTS	
90853	3	129	INSERTS	
92100	9		FT KNOX	
93020	1	50	CAPITAL CREDITS	
90300 92800	1 5	287 287	AMS PROGRAMMING SERVICES - THOMAS	300.00
92800	1	287	RATE CASE NOTICES	
92100	5		PAPER LASER - ROBERSON	53.00
91000	3	129	INSERTS	
		TOTAL		758.72

Allison Coffey / PSC Case #
Jim Adkins / 2014-00367
Felicia Crockett

GREEN BAMBOO RESTAURANT
902 N DIXIE AVE
FLIZABETHTOWN, KY 42701
(270) 769-3457
MID #8788290384064

Merchant ID: 08829038406403
Server ID: 6
Record Num.: 0017

Sale

xxxxxxxxxxxx4000 Exp: XX/XX
VISA Entry: Swiped

Amount: \$ 27.78
Tip: 5.22
Total: 33.00

12/15/16 12:11:28
Inv#: 000017 Appr Code: 003969
Apprvd: Online Batch#: 000419
TRN Ref #: 586350654887599
Validation Code: NL76

FTR 4
CARDHOLDER COPY
RETAIN THIS COPY FOR STATEMENT
VERIFICATION



Details for Order #106-0051569-8149818

Print this page for your records.

Order Placed: November 23, 2016
Amazon.com order number: 106-0051569-8149818
Order Total: \$317.20

AC 281
PSC Rate Case
Case No. 2016-00367

Not Yet Shipped

Items Ordered

Price

20 of: *Avery Durable View Binder, 4" One Touch Rings, 780-Sheet Capacity, DuraHinge, White (09801)* \$6.99

Sold by: Amazon.com LLC

Condition: New

20 of: *Avery Premium Collated Legal Exhibit Divider Set, Avery Style, 26-50 and Table of Contents, Side Tab, 8.5 x 11 Inches, 1 Set (11372)* \$5.80

Sold by: Amazon.com LLC

Condition: New

20 of: *Avery Premium Collated Legal Exhibit Divider Set, Avery Style, 1-25 and Table of Contents, Side Tab, 8.5 x 11 Inches, 1 Set (11370)* \$2.17

Sold by: Amazon.com LLC

Condition: New

Shipping Address:

Allison Coffey
411 Ring Road
Elizabethtown, KY 42701
United States

Shipping Speed:

FREE Shipping

Payment information

Payment Method:

Visa | Last digits: 7104

Billing address

Nolin RECC
411 Ring Rd
Elizabethtown, Kentucky 42701
United States

Item(s) Subtotal: \$299.20

Shipping & Handling: \$334.21

Free Shipping: -\$334.21

Total before tax: \$299.20

Estimated tax to be collected: \$18.00

Grand Total: \$317.20

To view the status of your order, return to [Order Summary](#).

[Conditions of Use](#) | [Privacy Notice](#) © 1996-2016, Amazon.com, Inc. or its affiliates



Thank You for Your Order

Confirmation email will be sent to you at acoffey@nolinrecc.com with your complete order details.
If you have any questions about your order, please visit our [Help Center](#).

Order No 1: 9747758620
Order date: December 7, 2016

You'll also find complete details of this order in the Order Status section of My Account. You can view this information 15 minutes after your order is submitted.

Deliver to: Allison Coffey, 411 Ring Rd, Elizabethtown, KY 42701

Expected Delivery By : Thursday, December 08

Item No.	Name	Price	Qty	Coupons & Rewards	Subtotal
AVE01700	Allstate® Alphabetical Collated Set, Tabs A-Z	\$2.99 26/Set	20.0	\$0.00	Price: \$59.80

Billing Address

Allison Coffey
Nolin RECC
411 Ring Rd
Elizabethtown, KY, 42701
(270) 765-6153 x1061

Order Subtotal:	\$59.80
Shipping:	Free
Estimated tax:	\$3.59
Remaining Balance:	\$63.39
Remaining Balance will be applied to following:	
Visa Credit Card ending in 7104	

on to your Staples Rebate Visa Cards and Prepaid Gift Cards until your order has been received

If you have any questions or concerns about your order, please call 1-800-STAPLES (1-800-782-7537) or email support@orders.staples.com

Important information concerning coupons and sales tax can be found at: [coupons and sales tax](#)

The tax shown is estimated. **Your Order Confirmation Email** will include shipment details, product availability and estimated tax.

Important information concerning return policy can be found at: [return policy](#).

For complete order details like sales tax, shipping info and Software Download instructions, keep an eye out for an email from Staples at the address above. You'll also find complete details of this order in the Order Status section of My Account. You can view this information 15 minutes after your order is submitted.

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Leave a Message

A Staples expert will be in contact shortly

[Click Here](#)

Pse Case # 2016-00367

The transaction was completed successfully. The Certificate of Existence / Authorization for NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION is now ready for viewing and printing. Witness: Michael Miller

You can print this page to use as your receipt for payment.

[View/Print this certificate \(PDF\)](#)

Certificate number	183785
Jurisdiction	Kentucky
Certificate Type	Certificate of Existence / Authorization
Certificate Date	12/8/2016
Company	NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION
Company ID	0037954.09.99999
Charge	\$10.00
Certificate Web Address	http://app.sos.ky.gov/corpcertificates/85/2016120800183785.pdf

[To order another certificate of this type for a different jurisdiction, click here. DO NOT click the back button if you are attempting to order another document.](#)

Note: If your browser settings allow third party cookies, returning to this page within the next seven days will allow you to view this receipt and download your certificate again. If your browser does allow cookies, you may click [here](#) to list all certificates of this type that you've ordered in the last seven days for this particular company.

Rate Case # 2016-00367

Allison Coffey
Visa # 7104

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

Alison Lundergan Grimes
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
<http://www.sos.ky.gov>

Certificate of Existence

Authentication number: 183785
Visit <https://app.sos.ky.gov/ftshow/certvalidate.aspx> to authenticate this certificate.

I, Alison Lundergan Grimes, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

NOLIN RURAL ELECTRIC COÖPERATIVE CORPORATION

is a corporation duly incorporated and existing under KRS Chapter 14A and KRS Chapter 272, whose date of incorporation is July 19, 1938 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that Articles of Dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 8th day of December, 2016, in the 225th year of the Commonwealth.



Alison Lundergan Grimes
Alison Lundergan Grimes
Secretary of State
Commonwealth of Kentucky
183785/0037954

Mickey
Jim Adkins
Felicia
Allison
Sara

Case No.
2016-00367

ELI TAPPA
211 TOWN DR
ELI ABERTOWN KY 42701
(270) 962-5205

Sale

Merchant ID: 542929865735719
Terminal: LK331296
12.11 PM
000019

VISA Entry Method: S
XXXXXXXXXX
Sec. #: 0019 Appr. Code: 006123
Amount: \$ 43.48
8.52

Total 52.00

APPROVED

Customer Copy
THANK YOU

EL TAPATIO
211 TOWNE DR
ELIZABETHTOWN, KY 42101
(270) 982-5205

Sale

Merchant ID: 542929805735719

Term ID: LK331206

December 12, 2016 12:07 PM
Batch#: 000001 Inv #: 000017
Server ID: 5

VISA Entry Method: S

XXXXXXXXXXXX0628

Seq. #: 0017 Appr Code: 009209

Amount: \$ 36.89

Tip: 7.00

Total: \$43.89

APPROVED

CASE NO. 2016-00367

Customer Copy
M. Miller
FELICIA WANK YOU
TARA
M. Adkins

ATTORNEY AT LAW
Witness: Michael Miller

JOHN J. SCOTT

TELEPHONE 270-765-2179
FAX 270-765-2180

JOHN J. SCOTT, PSC
108 East Poplar Street
P.O. Box 389
Elizabethtown, Kentucky 42702-0389

Nolin R.E.C.C.
411 Ring Road
Elizabethtown, Ky. 42701

Invoice

INVOICE NO. 19152

1/5/17

FOR PROFESSIONAL SERVICES RENDERED
PLEASE MAKE CHECKS PAYABLE TO: JOHN J. SCOTT, PSC

DATE	DESCRIPTION	BILLABLE HOURS	AMOUNT
11/30/16	Invoice for November, 2016		10656.00
Billable hourly rate \$200.00		Total	\$10656.00
		Payments	\$0.00
		Total Due	\$10656.00

01,928.00 A-287 \$2360.00
rotte case related

JOHN J. SCOTT, PSC
108 East Poplar Street
P.O. Box 389
Elizabethtown, Kentucky 42702-0389

JOHN J. SCOTT

TELEPHONE 270-765-2179
FAX 270-765-2180

Nolin R.E.C.C.
411 Ring Road
Elizabethtown, Ky. 42701

Invoice

INVOICE NO. 19153

1/5/17

FOR PROFESSIONAL SERVICES RENDERED
PLEASE MAKE CHECKS PAYABLE TO: JOHN J. SCOTT, PSC

DATE	DESCRIPTION	BILLABLE HOURS	AMOUNT
12/31/16	Invoice for December, 2016		9,020.00

Billable hourly rate \$200.00

Total \$9,020.00

Payments \$0.00

Total Due \$9,020.00

01928.00 A287 \$2300
rate case related

ATTORNEY AT LAW
Witness: Michael Miller

JOHN J. SCOTT

TELEPHONE 270-765-2179
FAX 270-765-2180

JOHN J. SCOTT, PSC
108 East Poplar Street
P.O. Box 389
Elizabethtown, Kentucky 42702-0389

Nolin R.E.C.C.
411 Ring Road
Elizabethtown, Ky. 42701

Invoice

INVOICE NO. 19151

1/5/17

FOR PROFESSIONAL SERVICES RENDERED
PLEASE MAKE CHECKS PAYABLE TO: JOHN J. SCOTT, PSC

DATE	DESCRIPTION	BILLABLE HOURS	AMOUNT
10/31/16	Invoice for October, 2016		8,200.00

Billable hourly rate \$200.00

Total	\$8,200.00
Payments	\$0.00
Total Due	\$8,200.00

21,928.00 AC287 \$1480.00
ratecase related

Alan M. Zumstein, CPA
Certified Public Accountant
1032 Chetford Drive
Lexington, Kentucky 40509
859-264-7147
zumstein@windstream.net

January 8, 2017

Nolin Rural Electric Cooperative
411 Ring Road
Elizabethtown, Kentucky 42701

Assist Nolin's staff and consultant with gathering information for schedules and exhibits in connection with Case No. 2016-00367:

	<u>Hours</u>	<u>Miles</u>
May, 2016	7	160
Meeting to discuss rate application		
June and July, 2016	32	160
Compile billing, purchase power, and payroll information for exhibits		
August, 2016	28	160
Revenue requirement adjustments, adjust billing information to general ledger		
September, 2016	35	160
Revenue requirement adjustments and schedules and exhibits for filing the application		
October, 2016	38	160
Revenue requirement adjustments and schedules and finalize exhibits for filing the application		
November, 2016	43	320
Revenue requirement adjustments and schedules and finalize exhibits for filing the application		
November, 2016	8	
Responses to First Data Request of Commission Staff		
Hours	191	@ \$125 \$ 23,875
Miles	1,120	@ \$0.50 <u>560</u>
Total due		<u>\$ 24,435</u>

INVOICE FOR SERVICES RENDERED

James R. Adkins
2189 Roswerll Dr
Lexington, KY 40513-1811
Lexington, KY 40513-1811

January 27, 2017

Mr. Michael Miller
President & CEO
Nolin RECC
411 Ring Road
Elizabethtown, KY 42701-6767

Assistance for Case No, 2016-00697 for 2017

Date	Description	Time	Miles
May 15	Mtg @ Nolin discuss rate case	5.50	
June 15	Request COSS Data review	6.75	
July 15	Review Financials & COSS	8.00	
Aug 15	Initial Work on COSS plus changes	8.00	
Sep 26	COSS	4.50	
Sep 27	COSS	5.00	
Sep 28	COSS	2.00	
Oct 1	COSS	3.00	
Oct 3	Rev Req & COSS Discussion	8.00	
Oct 14	Rev Req & COSS	2.00	
Oct 17	Rate Design & Coss Updates	2.75	
;Oct 19	COSS Review	2.50	
Oct 25	COSS	1.75	
Nov 1	COSS	1.25	
Nov 2	COSS	1.00	
Nov 10	Notice	2.00	
Nov 14	Discuss Filing @ Nolin	8.00	
Nov 15	Discuss Filing @ Nolin -	8.00	
Nov 18	AGC Rate Design Review	9.50	175
Nov 19	Review notice, income stmt & bal sheet	3.50	
Nov 22	Notice updates	3.25	
Nov 23	Rate Case filing	4.25	
Nov 28	AGC, Testimony	8.00	175
Nov 29	Notice Changes	1.00	
Dec 5	Notice updates	1.75	
Dec 6	Rate Desgin Review	2.25	
Dec 8	Finalize Filing Information	7.50	175
Dec 12	Finalize Exhibits for Application	7.50	175
Dec 14	Finalize & review application	8.00	175
Dec 15	Complete application & take to Commission	8.00	190
Dec 20	Prepare DR 1 Responses	8.50	175
	TOTAL	153.00	1,240
	Rates	\$ 125.00	\$ 0.55
	AMOUNT	\$ 19,125.00	\$ 682.00
	Total Invoice Amount		\$ 19,807.00
	<i>James R. Adkins</i>		



17 NORTH MAIN STREET
 ELIZABETHTOWN KY 42701
 270-765-6171

INVOICE

Invoice Number:
 Invoice Date:
 Account Number:
 Dept Number:

Attachment 2A
 Page 38 of 45
 Witness: Michael Miller

BILL TO ADDRESS		SHIP TO ADDRESS			
NOLIN RECC 411 RING ROAD ELIZABETHTOWN KY 42701 270-765-6153		NOLIN RECC 411 RING ROAD ELIZABETHTOWN KY 42701			
CUSTOMER PURCHASE ORDER	SALESPERSON	TERMS	ROUTE	PAYCODE	ORDER-TAKER
	KRISTY MAYS		2	CHARGE	KERR



ITEM NUMBER	MFG	ITEM DESCRIPTION	UM	ORD QTY	B/O QTY	SHIP QTY	SELL PRICE	EXTEND PRICE
25071	ACC	Who Called : Cheryl Thomas COVER, RPT, LTR, SD, WPSBD, BLK Phone: 270-765-6153 x 1050 Email: cthomas@nolinrecc.com	EA	50		50	3.59	179.50

*Rate Case
 supplied*

Subtotal	179.50
Tax	10.77
Total Due	190.27

Andrea Pelley

From: Sara Roberson
nt: Friday, January 27, 2017 3:18 PM
To: Andrea Pelley
Subject: RE:

I thought I laid that in your tray. That should have been for tabs that I got for Allison when we were finishing up the rate case filing. I will look through my stuff again though.

From: Andrea Pelley
Sent: Friday, January 27, 2017 3:17 PM
To: Sara Roberson <sroberson@nolinrecc.com>
Subject:

Do you have a Wal-Mart receipt for \$6.30?

Thank You for Your Order

Confirmation email will be sent to you at acoffey@nolinrecc.com with your complete order details.
If you have any questions about your order, please visit our [Help Center](#).

Order No 1: 9748382532
Order date: December 19, 2016

You'll also find complete details of this order in the Order Status section of My Account. You can view this information 15 minutes after your order is submitted.

Deliver to: Allison Coffey, 411 RING RD, ELIZABETHTOWN, KY 42701

Expected Delivery By : Tuesday, December 20

Item No.	Name	Price	Qty	Coupons & Rewards	Subtotal
817784	Avery® Collated Legal Exhibit Divider Sets - Avery® Style, Letter Size, Side Tab, 1-25, 1/St	\$4.79 Set	20.0	\$0.00	Price: \$95.80

Billing Address

Allison Coffey
Nolin RECC
411 RING RD
ELIZABETHTOWN, KY, 42701
(270) 765-6153 x1061

Order Subtotal: \$95.80
Shipping: Free
Estimated tax: \$5.75
Remaining Balance: \$101.55
 Remaining Balance will be applied to following:
 Visa Credit Card ending in 7104

PS Case # 2016-00367

Visa # 7104

on to your Staples Rebate Visa Cards and Prepaid Gift Cards until your order has been received
 have any questions or concerns about your order, please call 1-800-STAPLES (1-800-782-7537) or email support@orders.staples.com
 Important information concerning coupons and sales tax can be found at: [coupons and sales tax](#)
 The tax shown is estimated. **Your Order Confirmation Email** will include shipment details, product availability and estimated tax.
 Important information concerning return policy can be found at: [return policy](#).
 For complete order details like sales tax, shipping info and Software Download instructions, keep an eye out for an email from Staples at the address above. You'll also find complete details of this order in the Order Status section of My Account. You can view this information 15 minutes after your order is submitted.
 Sign up to receive Staples emails with great online and in-store offers and exclusive money-saving discounts.

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Live Chat

Have a question?

Chat with a Staples expert

[Chat Now](#)

Carrots+Butternut Squash 1.99
Green Beans + Mushrooms

Guest No.2
1 Diet Coke 2.75
1 Brbn-Brown Sugar Shrimp 7.99
1 Side Salad 2.49

Guest No.3
1 Diet Coke 2.75
1 L Cajun Chicken Pasta 11.49

Guest No.4
1 Iced Tea 2.75
1 Festival of Shrimp 2 15.99
Firecracker Red Shrimp
Garlic Grilled Shrimp
Carrots+Butternut Squash 1.99

Guest No.5
1 Diet Coke 2.75
1 Festival of Shrimp 2 15.99
Shrimp+Cheese Linguini
Garlic Grilled Shrimp
Green Beans + Mushrooms

ID # 4629 40788 5324

* We value your opinion. Please *
* tell us about your dining *
* experience by completing an *
* online survey within 7 days of *
* your visit. You could win a *
* \$1,000 Grand Prize or 1 of 100 *
* \$50 prizes. Winners are drawn *
* monthly!! *
* *
* To complete the survey and enter *
* the contest, go to *
* www.RedLobsterSurvey.com and *
* enter the ID on this receipt. *
* NO PURCHASE NECESSARY. Void where *
* prohibited. See Official Rules at *
* www.RedLobsterSurvey.com. *
* *
* Valoramos su opinión. Complete la *
* encuesta sobre su experiencia *
* gastronómica en *
* www.RedLobsterSurvey.com. *

(OFFER EXPIRES Jan 23, 2017)

Duplicate Receipt
Stored Order

Subtotal 82.17
Sales Tax 5.03
Other Taxes 1.64

13:12:23 01/16/2017
Please pay this amount
Total 88.84

TIP NOT INCLUDED.
Suggested tip amounts 20% - \$17.77
are based on total sale 18% - \$15.99
including any tax. 15% - \$13.33

LUNCH
J.M Adkins
SARA R.
Dine In Allison C.
R A T E C A S E
Felicia G.
M. Miller

RED LOBSTER Agreement 2A
2020 North Dixie Hwy Page 42 of 45
Elizabethtown, KY 42701
Witness: Michael Miller
Check # 2017

Table 7
Lina S.
13:16 01/16/2017 Gst 5
Transaction #:6297170116131578

ID # 4629 40788 5324

* We value your opinion. Please *
* tell us about your dining *
* experience by completing an *
* online survey within 7 days of *
* your visit. You could win a *
* \$1,000 Grand Prize or 1 of 100 *
* \$50 prizes. Winners are drawn *
* monthly!! *
* *
* To complete the survey and enter *
* the contest, go to *
* www.RedLobsterSurvey.com and *
* enter the ID on this receipt. *
* NO PURCHASE NECESSARY. Void where *
* prohibited. See Official Rules at *
* www.RedLobsterSurvey.com. *
* *
* Valoramos su opinión. Complete la *
* encuesta sobre su experiencia *
* gastronómica en *
* www.RedLobsterSurvey.com. *

(OFFER EXPIRES Jan 23, 2017)

Card Number Auth Code
xxxxxxxxxxxx 8628 009732
Visa

Check Amount 88.84

TIP NOT INCLUDED.
Suggested tip amounts 20% - \$17.77
are based on total sale 18% - \$15.99
including any tax. 15% - \$13.33

Tip..... 18.00
Total... \$ 106.84

X
Account Holder agrees to pay total in
accordance with agreement governing
use of such account.

Manual

Guest Copy

**Rafferty's
ELIZABETHTOWN**

No unhappy guest. Not even one!
028 Table 33 6
SARAH H SvrCk: 05/16/16

BEVERAGE	2.49
SUN CHIX, #salad sub, no salad	16.98
Sub Total:	19.47
FDT :	1.58
Guest 1 TOTAL:	21.05
BEVERAGE	2.49
SALMON, no salad	13.99
SUP	3.89
SOUP#1	0.00
Sub Total:	20.37
FDT :	1.66
Guest 2 TOTAL:	22.03
BEVERAGE	2.49
ALFREDO, no salad	12.99
Sub Total:	15.48
FDT :	1.25
Guest 3 TOTAL:	16.73
SUN CHIX	9.29
Sub Total:	9.29
FDT :	0.76
Guest 4 TOTAL:	10.05
HOT FING SALAD, rat r	9.29
Sub Total:	9.29
FDT :	0.75
Guest 5 TOTAL:	10.04
SUN CHIX	9.29
Sub Total:	9.29
FDT :	0.76
Guest 6 TOTAL:	10.05
Sub Total:	83.19
FDT :	6.76

0028
Server: SARAH H (#247) Rec: 24
05/16/16 12:46, Swiped T: 33 Term: 5

of E-town
N. Dixie Ave.
Elizabethtown, KY 42701
0-0971
MER #1 #: 154102178000

CARD TYPE ACCOUNT NUMBER
VISA XXXXXXXXXXXX8628
Name: NOLTN RECC
NO TRANSACTION APPROVED
AUTHORIZATION #: 006709
ce: 0000028
Card SALE

SUBTOTAL: 89.95
TIP: 17.00
TOTAL: \$106.95

Jimmy Miller

PHONE: ()
CARDHOLDER WILL PAY CARD ISSUER ABOVE
AMOUNT PURSUANT TO CARDHOLDER AGREEMENT
PLEASE SIGN AND TOTAL BOTH COPIES

LUNCH - RATE CASE
ALAN Z, JIM ADKINS,
FELICIA G., SARA
ANDREA P., M.M.

Witness: Michael Miller
Attachment 2A
Page 43 of 45

Alan Zumbstein Sara Roberson
Felicia Gossett

RED LOBSTER 6297
2020 North Dixie Hwy
Elizabethtown, KY 42701

Check # : 29773

Table 10

Meise J

3:15 03/25/2016

Est.

Transaction #: 6297160825111651

Card Number
XXXXXXXXXXXX 1101

Auth Code
007456
VISA

Check Amount 42.68

RED LOBSTER INC

Suggested tips amounts 20% - \$8.54
are based on total sale 18% - \$7.68
including any tax 15% - \$6.40

Tip

Total 51.00

X
Account Holder agrees to pay total in
accordance with agreement governing
use of such account.

Restaurant Copy

Rate Case

01028.00

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

3. Reference the Nolin Application generally. Provide full copies of the Board of Directors ("BOD") meeting minutes for every BOD meeting that has taken place from 1/1/2015 up until the present time.

Response:

Please see attached "Item #3".

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, January 8, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, Vince Heuser, and Rick Ryan, Staff.

David P. Brown called the meeting to order.

Rick Thomas gave the invocation.

Gene Straney moved that the agenda be adopted as noted and that the minutes of the previous meeting be approved as presented. Motion carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$5,207.07 to be paid to estates of deceased consumers. He also reported that Nolin received \$13,968.00 from Federated Rural Electric for our 2006 Member Equity and \$457.05 from Envision for Nolin's portion of their margins. Lawrence Ireland moved that the President's Report be received and that the attached list of terminated memberships be approved. Motion carried.

Vince Heuser presented the Safety Report for December 2014. Linda Grimes moved the Safety Report be received, motion carried.

Vince Heuser reported on the Operations and Engineering Department and projects at Fort Knox.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department. She reported that Price Smith agreed to serve on the Nolin Operation Round-Up Board.

Rick Ryan reported on the Marketing and Member Services Department. The next MAC meeting will be February 12th and the 2015 annual meeting will be June 26th.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

The inventory of work orders for October was presented in the amount of \$67,570.99 with minor projects totaling \$10,709.53 and special equipment in the amount of \$32,409.31. A. L. Rosenberger moved that the items be approved. Motion carried.

The uncollectible accounts were presented in the amount of \$10,820.66. After reviewing the accounts, A. L. Rosenberger moved the accounts be transferred from Account 142 to Account 144.1. Motion carried.

Mickey Miller presented a list of junked and retired equipment for 2014. Gene Straney moved that the equipment be removed from the plant account. Motion carried.

The next regularly scheduled board meeting will be Thursday, February 12, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David A. Don
Chair

A. S. Rasmussen
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, February 12, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, Vince Heuser, and Rick Ryan, Staff.

David P. Brown called the meeting to order.

Linda Grimes gave the invocation.

Rick Thomas moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

The following action was taken at the January 2015, meeting but was inadvertently left out of those minutes:

Rick Thomas requested that the Board amend the agreement that Nolin has with him for the use of the vacant field on St. John Road. He would like to plant soybeans in that field for 2015 followed by alfalfa for 2016 through 2018. Mr. Thomas left the room while the Board discussed this issue and voted. Gene Straney moved to change the agreement in accordance with this request and it was duly seconded and approved by the five remaining board members, with Rick Thomas still out of the room. Motion carried. Rick Thomas then re-joined the meeting.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$7,188.22 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received and that the attached list of terminated memberships be approved. The motion was seconded and carried.

Vince Heuser presented the Safety Report for January 2015. Lawrence Ireland moved the Safety Report be received. The motion was seconded and carried.

Vince Heuser reported on the Operations and Engineering Department and projects at Fort Knox.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and presented the year-end report for the department.

Rick Ryan reported on the Marketing and Member Services Department. He presented a bid from Federated Rural Electric Insurance for coverage until April 2016. Gene Straney moved to accept the new insurance quote effective April 1, 2015, including earthquake coverage with Atlantic Specialty (A), Option 3. The motion was duly seconded and carried.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

The inventory of work orders for December was presented in the amount of \$223,501.93 with minor projects totaling \$725.66 and special equipment in the amount of \$42,954.80. A. L. Rosenberger moved that the work orders be approved and the motion was duly seconded. Motion carried.

The uncollectible accounts were presented in the amount of \$10,138.34. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. Motion was seconded and carried.

The next regularly scheduled board meeting will be Thursday, March 12, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David Lion
Chair

A. L. Rosenberger
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 12:00 noon, Wednesday, March 11, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, and Vince Heuser, Staff. Rick Ryan was absent.

David P. Brown called the meeting to order.

Gene Straney gave the invocation.

A. L. Rosenberger moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$13,206.93 to be paid to estates of deceased consumers. He also reported on patronage capital received from Federated Rural Electric Insurance and NISC. Linda Grimes moved that the President's Report be received and that the attached list of terminated memberships be approved. The motion was seconded and carried.

Vince Heuser presented the Safety Report for February 2015. Lawrence Ireland moved the Safety Report be received. The motion was seconded and carried.

Vince Heuser reported on the Operations and Engineering Department and projects at Fort Knox.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Mickey Miller reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

The inventory of work orders for January was presented in the amount of \$186,945.76 with minor projects totaling \$6,991.77 and special equipment in the amount of \$95,717.00. Linda Grimes moved that the items be approved and the motion was duly seconded. Motion carried.

The uncollectible accounts were presented in the amount of \$8,209.41. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. Motion was seconded and carried.

The August meeting will be Friday, August 21st.

The next regularly scheduled board meeting will be Thursday, April 9, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David P. Liron
Chair

A. D. Rosenthal
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, April 9, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, and Rick Ryan, Staff; and Alan Zumstein, CPA. Vince Heuser was absent.

David P. Brown called the meeting to order.

A. L. Rosenberger gave the invocation.

Lawrence Ireland moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Alan Zumstein presented and reviewed the 2014 Audit Report of the Cooperative records. The Board went into executive session and discussed the report with Mr. Zumstein. The executive session was then adjourned. Gene Straney moved the following resolution be adopted, motion carried.

RESOLVED, that the Board of Directors of the Nolin Rural Electric Cooperative Corporation hereby receive the Audit Report as prepared by Alan Zumstein for the period of January 1, 2014, through December 31, 2014.

Alan Zumstein left the meeting.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling

\$5,420.23 to be paid to estates of deceased consumers. He also reported on the receipt of interest earned on CFC Capital Term Certificates. Linda Grimes moved that the President's Report be received and that the attached list of terminated memberships be approved. The motion was seconded and carried.

Mickey Miller reported on projects at Fort Knox.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

The inventories of work orders for February were presented in the amounts of \$72,724.85, \$178,266.29, and \$641,357.29 with minor projects totaling \$4,725.87 and special equipment in the amount of \$11,134.00. A. L. Rosenberger moved that the items be approved and the motion was duly seconded. Motion carried.

The uncollectible accounts were presented in the amount of \$11,946.54. After reviewing the accounts, Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. Motion was seconded and carried.

Mickey Miller discussed selecting someone to serve as director on the East Kentucky Power Cooperative board. Linda Grimes moved that

A. L. Rosenberger serve as director on the EKP board. Motion was seconded and carried.

Mickey Miller read proposed changes to Policy 202, "Directors Fees and Expenses;" Policy 710, "Expense Reimbursement;" and Policy 704, "Selection or Promotion of Personnel." After discussing the proposed changes, Linda Grimes moved the policies be amended as presented. Motion was duly seconded and carried. A copy of the policies are attached to and made a part of these minutes.

The next regularly scheduled board meeting will be Thursday, May 14, 2015.

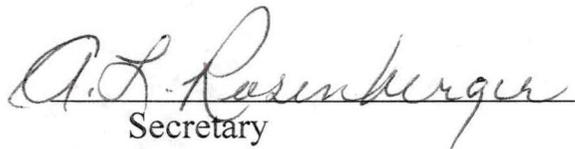
The Board adjourned into an executive session.

Following the executive session a motion was made by Gene Straney and seconded by Lawrence Ireland and passed unanimously to adopt a Non-Prosecution Agreement and Settlement Agreement with the United States of America and a copy of that Resolution is attached hereto.

There being no further business to come before the Board the meeting was adjourned.



Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, May 14, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, and Vince Heuser, Staff. Rick Ryan was absent.

David P. Brown called the meeting to order.

Lawrence Ireland gave the invocation.

Linda Grimes moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller reported on projects at Fort Knox.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$10,389.25 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the attached lists of new and terminated memberships and the attached list of capital credit payments be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department and gave the Safety Report. Linda Grimes moved that the safety report be approved. Motion was duly seconded and carried.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Mickey Miller reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger moved that the Board enter into an executive session. Motion carried.

A. L. Rosenberger moved that the Board end the executive session and reconvene the regular meeting.

Lawrence Ireland moved that the proposed memorandum of understanding between Grayson RECC and East Kentucky Power be approved. Motion was duly seconded and carried.

John Scott presented and read a proposed sales tax settlement agreement regarding the Kentucky Revenue Cabinet and Warren RECC. After much discussion, Linda Grimes moved that the proposed settlement agreement be approved. Motion was duly seconded and carried.

A. L. Rosenberger reported on EKP.

The inventory of work orders for March was presented in the amount of \$51,832.03 with minor projects totaling \$26,402.47 and special equipment in the amount of \$35,801.94. Linda Grimes moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$5,248.89. After reviewing the accounts, A. L. Rosenberger moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

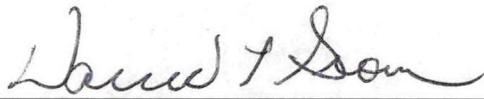
Mickey Miller discussed selecting someone to serve as representative and alternate representative for East Kentucky Power Cooperative's annual meeting. The Board agreed by consensus that Gene Straney serve as representative and Linda Grimes as alternate.

Mickey Miller presented the 2014 Form 990 for review.

The next regularly scheduled board meeting will be Friday, June 19, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.


Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Friday, June 19, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, and Vince Heuser, Staff. Rick Ryan was absent.

David P. Brown called the meeting to order.

Rick Thomas gave the invocation.

Rick Thomas moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller reported on projects at Fort Knox.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$6,688.24 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department. Lawrence Ireland moved that the safety report be approved. Motion was duly seconded and carried.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Mickey Miller reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

The inventory of work orders for April was presented in the amount of \$91,388.95 with minor projects totaling \$590.04 and special equipment in the amount of \$364,205.00. Special equipment for May was presented in the amount of \$52,581.00. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$6,081.55. After reviewing the accounts, A. L. Rosenberger moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey Miller discussed selecting a voting delegate for the 2015 regional meetings of NRECA, CFC, and Federated Rural Electric. The Board agreed by consensus that Mickey Miller serve as the voting delegate.

Mickey Miller discussed the selection of a voting delegate and an alternate voting delegate to select Kentucky's representative to the NRECA Board. Gene Straney moved that Mickey Miller serve as the voting delegate and David P. Brown serve as the alternate. Motion was duly seconded and carried.

Mickey Miller discussed the NRECA International Foundation. The Board agreed by consensus to donate \$1,000 to the foundation.

Mickey Miller discussed the CFC Cooperative System Integrity Fund. After discussing, the Board agreed by consensus to donate 5% from Nolin's CFC Patronage Capital Refund.

The next regularly scheduled board meeting will be Thursday, July 9, 2015, and the August board meeting will be Tuesday, August 25, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David T. Dorn

Chair

A. L. Rosenberger
Secretary

The seventy-seventh annual meeting of members of Nolin RECC was held June 26, 2015, at 7:00 p.m. at John Hardin High School, Elizabethtown, Kentucky. David P. Brown called the meeting to order and welcomed the members to their meeting.

Bro. Mike Bell, former Pastor of Glendale Christian Church, gave the invocation.

John Hardin High School Jr. ROTC presented the colors and a cadet led the pledge to the flag.

David P. Brown introduced the Board of Directors and attorney John J. Scott. He then called the 77th meeting of the members of Nolin RECC to order.

A motion was made and seconded to adopt the agenda as presented for the meeting.

Motion carried.

David P. Brown announced that 949 bona fide members had registered which met the quorum necessary to hold the meeting. At the close of registration at 8:00 p.m., a total of 1,015 members had registered. The list of attending members is attached to these minutes.

The notice of the meeting was given as required in the bylaws. The affidavit of mailing of the official notice of the meeting is attached to these minutes. The meeting was now regularly and lawfully convened and ready to transact business.

A copy of the minutes of the 2014 annual meeting of members was presented to each member at the registration table. Motion was made and seconded to dispense with the reading of the minutes. Motion carried.

Motion was made and seconded to approve the minutes as presented. Motion carried.

A. L. Rosenberger and David P. Brown each made a brief report on the operations of the cooperative.

Bruce Reeves reported the Nominating Committee met on March 3, 2015. The Nominating Committee agreed to nominate Raymond E. "Rick" Thomas as the candidate from District 3 and Linda Grimes as the candidate from District 5 for the election of two directors.

Ballots were mailed to each member of the cooperative on June 2, 2015. An affidavit of mailing is attached to these minutes.

Pete Nolan announced that the Election Tellers met at the office of the cooperative on June 26, 2015, at 10:00 a.m. to count the ballots for the election of two directors. Raymond E. "Rick" Thomas and Linda Grimes received the highest number of votes in their respective districts and were duly elected as directors for a three-year period or until their successors are elected and qualified. A copy of the "Certificate of Election Tellers" is attached to and made a part of these minutes.

John Scott reported that he monitored the election process of the two directors. The election was legally conducted according to the bylaws of the cooperative and Kentucky Revised Statutes and is valid.

There being no further business to come before the meeting, motion was made and seconded that the business meeting be adjourned. Motion carried.

Mark Rock, Chair of the Board of Directors of Nolin Operation Round-Up, introduced the program's directors. He gave a brief report on the program and presented donations to SpringHaven Domestic Violence Program, Hardin County Habitat for Humanity, Feeding America Kentucky's Heartland, and Elizabethtown Paddlers Association. The 2015 donations totaled \$20,632.50.

Tony Campbell, President and CEO of East Kentucky Power Cooperative made a report on EKPC.

Chris Perry, President and CEO of Kentucky Association of Electric Cooperatives made a report on KAEC and presented a certificate to Nolin for working 259,752.5 hours with no lost time accidents.

Mickey Miller introduced special guests, employees, and George Shackelford, an employee of 51 years who will be retiring in August.

Mickey Miller reported that almost 6,000 members participate in Operation Round-Up and encouraged all members who are not participants to join the program.

Mickey Miller recognized Ralph Reese, a veteran who Nolin sponsored on the Touchstone Energy Honor Flight this year. He also recognized all active military personnel, their families, and all veterans for their service to our country.

At this time the meeting returned to door prizes and was followed by the entertainment portion of the evening.

David Brown
Chair

A. L. Rosenthal
Secretary

A special meeting of the Board of Directors of Nolin RECC was held at 7:55 p.m. Friday, June 26, 2015, at John Hardin High School immediately following the adjournment of the annual meeting of members.

Present - David P. Brown, Gene Straney, A. L. Rosenberger, Lawrence Ireland, Rick Thomas, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; and Cheryl G. Thomas, Vice President Office Services.

David P. Brown declared all officer positions vacant.

John Scott conducted the election and the Board of Directors proceeded to elect the following officers of the Cooperative: Chair, Vice-Chair, Secretary-Treasurer.

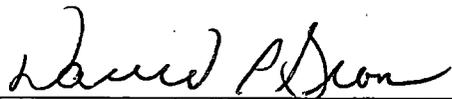
The following officers were elected by ballot:

Chair - David P. Brown

Vice-Chair - Gene Straney

Secretary-Treasurer - A. L. Rosenberger

There being no further business to come before the board, the meeting was adjourned.



Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:55 a.m., Thursday, July 9, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Cheryl Thomas, and Vince Heuser, Staff. Rick Ryan was absent.

David P. Brown called the meeting to order.

Linda Grimes gave the invocation.

Linda Grimes moved that the agenda be adopted as presented and that the minutes of the June 19th meeting be approved with the inclusion of the percentage donated to the CFC Cooperative Integrity Fund and that the minutes of the June 26th meeting be approved as presented. The motion was duly seconded and carried.

Mickey Miller reported on projects at Fort Knox.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$5,388.33 to be paid to estates of deceased consumers. Rick Thomas moved that the President's Report be received, that the list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for June 2015. Gene Straney moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department. She discussed the 2015 Annual Meeting Summary.

Mickey Miller reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

The inventory of work orders for May was presented in the amount of \$169,290.62 with minor projects totaling \$14,452.54. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$10,896.39. After reviewing the accounts, Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Tuesday, August 25, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

A. L. Rosenberger
Secretary

David T. Lion
Chair

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Tuesday, August 25, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, and Greg Harrington, Staff.

David P. Brown called the meeting to order.

Gene Straney gave the invocation.

A. L. Rosenberger moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$9,948.16 to be paid to estates of deceased consumers.

Greg Harrington reported on the GE meter project. He then left the meeting.

Gene Straney moved that the President's Report be received, that the list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for July 2015. Rick Thomas moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

Mickey Miller reported on projects at Fort Knox.

The inventory of special equipment for May was presented in the amount of \$52,581.00. The inventory of work orders for June was presented in the amount of \$218,968.60 with minor projects totaling \$9,584.00 and special equipment totaling \$70,083.00. A. L. Rosenberger moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$14,066.70. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

After reviewing uncollectible invoices for damages, Lawrence Ireland moved that the invoices totaling \$11,877.04 be transferred to the respective expense accounts. Motion was duly seconded and carried.

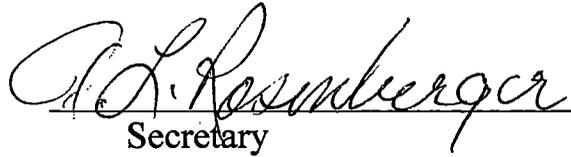
The next regularly scheduled board meeting will be Thursday, September 10, 2015. The October meeting will be Wednesday, October 21st.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair


Secretary

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The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, September 10, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, and Vince Heuser, Staff.

David P. Brown called the meeting to order.

David P. Brown gave the invocation.

Rick Thomas moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

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O. V. Sparks presented and discussed the financial reports for the Cooperative.

The Board discussed a future rate case. No action was taken.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$8,863.67 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for August 2015. Gene Straney moved that the safety report be received. Motion was duly seconded and carried.

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Vince Heuser reported on the Operations and Engineering Department. He discussed bids received for right-of-way clearing. After much discussion, Linda Grimes moved that Asplundh be awarded the bid

totaling \$9,289,384.72 for right-of-way clearing for the next five years.

Motion was duly seconded and carried.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department. The Board agreed by consensus that Curtis Willoughby and Price Smith be contacted to serve another term on the Operation Round-Up Board.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

Mickey Miller reported on projects at Fort Knox.

The inventory of work orders for July was presented in the amount of \$482,340.43 with minor projects totaling \$58,598.37 and special equipment totaling \$58,031.00. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$15,500.93. After reviewing the accounts, Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey Miller presented the Resolution of the Board of Directors Adopting the Amendment and Restatement of the 125 Plan. Gene Straney moved that the resolution be approved as presented. Motion was duly seconded and carried. A copy of the resolution is attached to and made a part of these minutes.

The January meeting will be Friday, January 22, 2016.

O. V. Sparks discussed the Wage and Salary Plan. After much discussion, A. L. Rosenberger moved that the Wage and Salary Plan be approved as presented by management. Motion was duly seconded carried.

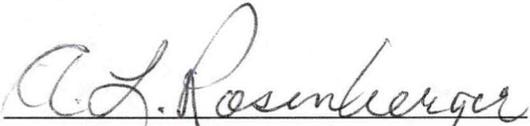
The next regularly scheduled board meeting will be Wednesday, October 21, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair



Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Wednesday, October 21, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, and Sara Roberson, Staff.

David P. Brown called the meeting to order.

Lawrence Ireland gave the invocation.

Gene Straney moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$12,282.97 to be paid to estates of deceased consumers. He also reported on patronage capital received from KAEC, UUS, and CFC. Lawrence Ireland moved that the President's Report be received, that the attached list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for September 2015. Linda Grimes moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

Mickey Miller reported on projects at Fort Knox.

The inventory of work orders for August was presented in the amount of \$154,258.18 with minor projects totaling \$43,005.34 and special equipment totaling \$46,740.69. Linda Grimes moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$6,411.03. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey Miller discussed the KAEC Annual Meeting. The Board agreed by consensus that the voting delegate, alternate delegate, and board members remain the same as last year. Motion carried.

The next regularly scheduled board meeting will be Thursday, November 12, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David P. Adam
Chair

Al. Rosenberger
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, November 12, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, Greg Lee, and Sara Roberson, Staff. Greg Lee was introduced as the Vice President – Fort Knox Operations.

David P. Brown called the meeting to order.

Rick Thomas gave the invocation.

A. L. Rosenberger moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$7,097.60 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the attached list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for October 2015. Linda Grimes moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

O. V. Sparks presented and discussed the proposed 2016 Operating and Capital Budgets.

Greg Lee reported on projects at Fort Knox.

The inventory of work orders for September was presented in the amount of \$106,150.47 with minor projects totaling \$22,012.21 and special equipment totaling \$1,878,778.70. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$4,136.78. After reviewing the accounts, Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey presented a list of outstanding checks for 2014 and requested that they be moved to Donated Capital, Account 208. Linda Grimes moved that the list of outstanding checks be applied to Donated Capital. Motion was duly seconded and carried.

Mickey Miller reviewed proposed changes to Policy 304, "Collection Of Unpaid Accounts and Bad Debt Reserve," Policy 316, "Information Security Policy," Policy 707, "Work Hours & Pay For Non-Exempt Hourly Employees," Policy 708, "Wage And Salary Plan," Policy

722, "Vacation Leave," Policy 746, "Cyber Security Policy," and Policy 747, Payment Card Industry Data Security Standard (PCI DSS) Compliance." Gene Straney moved the policies be approved as presented. Motion was duly seconded and carried. A copy of the policies are attached to and made a part of these minutes.

Mickey Miller discussed the 2016 NRECA Annual Meeting. A. L. Rosenberger moved that Mickey Miller be the voting delegate and that David P. Brown be the alternate for the annual meetings of NRECA, NRTC, CFC, Federated Rural Electric Insurance Exchange, NISC, and NCSC. Motion was duly seconded and carried.

The Board discussed the audit of the 2015 cooperative records and requested that management solicit bids for the audit of the 2016 cooperative records.

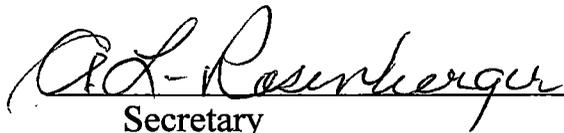
Mickey Miller discussed the option of a Christmas bonus for employees. Rick Thomas moved that a \$250 Christmas bonus be given to employees. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Thursday, December 10, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.


Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, December 10, 2015, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, Greg Lee, and Sara Roberson, Staff.

David P. Brown called the meeting to order.

Linda Grimes gave the invocation.

Linda Grimes moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$9,375.94 to be paid to estates of deceased consumers. He also discussed the CFC IBES Conference. David P. Brown requested that the CFC Key Ratio Trend Analysis be loaded on the iPads through the Call to Order application so the Board would have access to the report throughout the year.

Mickey also reported that Nolin received \$14,150.00 from Federated Rural Electric Insurance representing payment for 100% of Nolin's 2007 member equity. Lawrence Ireland moved that the President's Report be received, that the attached list of new memberships, the attached list of terminated memberships, and the attached list of capital credit

payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for November 2015. Rick Thomas moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month. He discussed the placement of director candidate names on the ballot. Rick Thomas moved that a Nolin employee will draw for the placement of names for each district each year when more than one candidate is nominated and that the date and time of the drawing will be selected by Nolin RECC and will be shared with all candidates so they may attend the drawing if they so choose. Motion was duly seconded and carried.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

Mickey Miller discussed the proposed 2016 Operating and Capital Budgets.

The Board adjourned into an executive session.

Linda Grimes moved that the executive session adjourn. Motion was duly seconded and carried.

Gene Straney moved that the 2016 Operating and Capital Budgets be approved as presented. Motion was duly seconded and carried.

Greg Lee reported on projects at Fort Knox.

Special equipment for October was presented in the amount of \$1,229,501.78. Gene Straney moved that the special equipment be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$2,784.81. After reviewing the accounts, Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey discussed the transition to Kentucky Neighborhood Bank. Cheryl Thomas discussed and presented resolutions for the safe deposit box, payroll account, internet account, general fund account, and patronage capital account. A. L. Rosenberger moved that the resolutions be adopted. The motion was duly seconded and carried. A copy of the resolutions are attached to and made a part of these minutes.

John Scott discussed the provisions of the Administrative Compliance Agreement. Gene Straney moved that Mickey Miller be authorized to execute the agreement. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Friday, January 22, 2015.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David P. Don
Chair

A. L. Rosenberger
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Friday, January 22, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, Greg Lee, and Sara Roberson, Staff.

David P. Brown called the meeting to order.

Lawrence Ireland gave the invocation.

Gene Straney moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Felicia Gossett, Human Resources Manager, entered the meeting. She provided an update on some of the requirements mandated by the Administrative Compliance Agreement and Settlement Agreement with the U.S. Government. After discussing the items, she left the meeting.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$10,301.75 to be paid to estates of deceased consumers. He reported that Nolin received a check from Envision Energy Services in the amount of \$523.20 for Nolin's portion of their margins and that NISC allocated \$24,300 in capital credits to Nolin for 2015. Mickey recognized Linda Grimes for her achievement of the NRECA Director Gold certification.

Lawrence Ireland moved that the President's Report be received, that the attached list of new memberships, the attached list of

terminated memberships, and the attached list of capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for December 2015. Gene Straney moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

John Scott presented a contract between Richard Filyaw of Long C Shop and Nolin RECC. After discussing the contract, Linda Grimes moved that Vince Heuser be authorized to execute the contract. Motion was duly seconded and carried.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department. The next MAC meeting will be February 11th and the 2016 Annual Meeting will be June 24th.

Greg Lee reported on projects at Fort Knox.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

The Board adjourned into an executive session.

The inventory of work orders for October was presented in the amount of \$233,590.91 with minor projects totaling \$7,624.45. The inventory of work orders for November was presented in the amount of \$97,052.44 with minor projects totaling \$16,323.26 and special equipment

totaling \$40,089.76. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$7,866.80. After reviewing the accounts, A. L. Rosenberger moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey Miller presented a list of junked and retired equipment for 2015. A. L. Rosenberger moved that the equipment be removed from the plant account. Motion was duly seconded and carried.

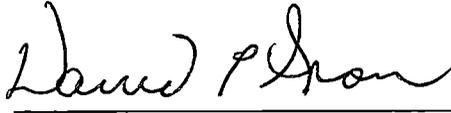
John Scott discussed a pole attachment contract with Kentucky RSA 4 Cellular. After discussing the contract, Rick Thomas moved that Greg Lee be authorized to execute the contract provided the final terms of the contract are approved by John Scott and Michelle Butler. Motion was duly seconded and carried.

John Scott discussed a \$44,000 surety bond agreement regarding plugging a well at Ft. Knox. After discussing the agreement, Linda Grimes moved that Greg Lee be authorized to enter into the agreement. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Thursday, February 11, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair



Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, February 11, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, Greg Lee, and Sara Roberson, Staff.

David P. Brown called the meeting to order.

A. L. Rosenberger gave the invocation.

Linda Grimes moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks reported that the financials were not available and would be presented at a later date.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$3,608.01 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the attached list of new memberships, the attached list of terminated memberships, and the attached list of capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser presented the Safety Report for January 2016. Rick Thomas moved that the safety report be approved. Motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department. He recommended that Greg Lee and Paul Baker be authorized to sign plats for Nolin. After discussing the recommendation, Linda Grimes

moved that Greg Lee and Paul Baker be authorized to sign plats for Nolin. The motion was duly seconded and carried.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and presented the year-end report for the department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

Mickey Miller reported on KAEC.

O. V. Sparks, Rick Ryan, Vince Heuser, and Sara Roberson left the meeting.

Greg Lee reported on projects at Fort Knox.

Felicia Gossett entered the meeting. She reported on Policy 317.0, Business Relationships with Suspended or Debarred Individuals/Entities," Policy 701A, "Code of Business Ethics and Conduct," and the Government Contracting Policies and Procedures Manual. She also reviewed items noted in the Administrative Compliance Agreement that are incomplete at this time. After much discussion, Gene Straney moved that Policy 317.0, Policy 701A and the Government Contracting Policies and Procedures Manual be approved as presented. Motion was duly seconded and carried. A copy of each is attached to and made a part of these minutes.

Greg Lee and Felicia Gossett left the meeting.

The inventory of work orders for December was presented in the amount of \$74,998.40 with minor projects totaling \$34,144.99. A. L.

Rosenberger moved that the items be approved. The motion was duly seconded and carried.

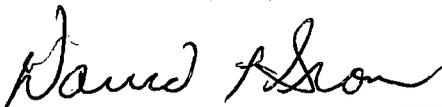
The uncollectible accounts were presented in the amount of \$5,349.37. After reviewing the accounts, Linda Grimes moved the accounts be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Friday, March 18, 2016.

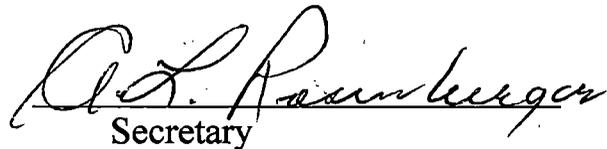
Future board meetings will be Wednesday, May 18th, Wednesday, June 15th, and Wednesday, September 14th.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair



Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Friday, March 18, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; O. V. Sparks, Rick Ryan, Cheryl Thomas, Vince Heuser, Greg Lee, and Sara Roberson, Staff.

David P. Brown called the meeting to order.

Rick Thomas gave the invocation.

Gene Straney moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

O. V. Sparks presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$6,933.60 to be paid to estates of deceased consumers. He also reported on patronage capital received from Federated Rural Electric Insurance Exchange. Linda Grimes moved that the President's Report be received, that the attached lists of new memberships, terminated memberships and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

O. V. Sparks reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Rick Ryan reported on the Marketing and Member Services Department.

David Cox entered the meeting.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

David Cox discussed cyber security and explained steps Nolin has taken and plans take to protect our members' information.

O. V. Sparks, Vince Heuser, Sara Roberson, and David Cox left the meeting.

Greg Lee reported on projects at Fort Knox and then left the meeting.

Rick Ryan discussed the Federated Rural Electric Insurance premium quote. After discussing the options, A. L. Rosenberger moved that Nolin increase the limit on Directors, Officers, and Managers coverage to \$10 million, increase the cyber coverage to \$1 million, and provided a portion of the cost will be reimbursed by Ft. Knox, increase the earthquake coverage to \$10 million. Motion was duly seconded and carried.

Rick Ryan left the meeting.

The special equipment list for January was presented in the amount of \$35,655.80. Linda Grimes moved that the list be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$5,485.36. After reviewing the accounts, Rick Thomas moved the accounts

be transferred from Account 142 to account 144.1. Motion was duly seconded and carried.

Mickey Miller presented and reviewed Policy 711, "Cooperative-Owned Transportation Equipment;" Policy 748, "Network Management Policy;" Policy 749, "Information Technology Backup and Recovery;" and Policy 750, "Remote Access Policy." After reviewing the policies, Gene Straney moved the policies be approved as presented. Motion was duly seconded and carried. A copy of the policies are attached to and made a part of these minutes.

The next regularly scheduled board meeting will be Thursday, April 14, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, April 14, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Rick Ryan, Cheryl Thomas, Vince Heuser, Greg Lee, Staff; and Alan Zumstein, CPA. Sara Roberson was absent.

David P. Brown called the meeting to order.

Linda Grimes gave the invocation.

Lawrence Ireland moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Alan Zumstein presented and reviewed the 2015 Audit Report of the Cooperative records. The Board went into executive session and discussed the report with Mr. Zumstein. The executive session was then adjourned. Gene Straney moved the following resolution be adopted. Motion was duly seconded and carried.

RESOLVED, that the Board of Directors of the Nolin Rural Electric Cooperative Corporation hereby receive the Audit Report as prepared by Alan Zumstein for the period of January 1, 2015, through December 31, 2015.

Alan Zumstein left the meeting.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$5,026.83 to be paid to estates of deceased consumers. He also reported on

the nominating committee which met on March 22nd. Mickey reported that Nolin received the Governor's Safety & Health Award for working 502,536 hours without any lost-time accidents. He also reported that KAEC retired the outstanding PCB Detoxification Certificate of Deposit in the amount of \$5,005.76 and Consumers Credit Debenture totaling \$18,210.00. Linda Grimes moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

Vince Heuser and Rick Ryan left the meeting.

Greg Lee reported on projects at Fort Knox and then left the meeting.

Mickey Miller read a resolution authorizing and ratifying Greg Lee to execute the "Standby Trust Agreement" on behalf of Nolin RECC. Gene Straney moved the resolution be adopted. The motion was duly seconded and carried. A copy of the resolution is attached to and made a part of these minutes.

The inventories of work orders for January were presented in the amounts of \$209,770.96, \$8,865.51, and \$1,390,654.96 with minor projects totaling \$14,453.31. The inventory of work orders for February was

presented in the amount of \$65,738.53 with minor projects totaling \$12,402.45, and special equipment totaling \$8,625.00. Lawrence Ireland moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$3,718.49. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey presented a list of outstanding checks for 2015 and requested that they be moved to Donated Capital, Account 208. Gene Straney moved that the list of outstanding checks be applied to Donated Capital. The motion was duly seconded and carried.

Mickey Miller presented and reviewed changes to Policy 747, "Payment Card Industry Data Security Standard (PCI DSS) Compliance" and Policy 314, "Collection Of Unpaid Accounts and Bad Debt Reserve." After reviewing the policies, Gene Straney moved the policies be amended as presented. The motion was duly seconded and carried. A copy of the policies are attached to and made a part of these minutes.

Mickey Miller discussed the NRECA International Foundation. Rick Thomas moved to donate \$1,000 to the foundation. The motion was duly seconded and carried.

Mickey Miller discussed selecting a director to serve on the East Kentucky Power Cooperative Board, a representative for their annual meeting, and an alternate representative. Lawrence Ireland moved that subject to clearing a background check, A. L. Rosenberger serve as director on the EKPC Board, that Rick Thomas serve as representative, and that

Gene Straney serve as alternate representative. The motion was duly seconded and carried.

Mickey Miller discussed the minutes from November 12, 2015, and reported that Policy 314 "Collection Of Unpaid Accounts and Bad Debt Reserve" was inadvertently listed in the minutes as Policy 304. A. L. Rosenberger moved that the minutes for November 12, 2015, be amended to reflect the correct policy number of 314. The motion was duly seconded and carried.

The next regularly scheduled board meeting will be Wednesday, May 18, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.


Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Wednesday, May 18 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Rick Ryan, Cheryl Thomas, Vince Heuser, Sara Roberson, Staff. Greg Lee was absent.

David P. Brown called the meeting to order.

Gene Straney gave the invocation.

Linda Grimes moved that the agenda be adopted as amended and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Sara Roberson presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$11,547.45 to be paid to estates of deceased consumers. He reported on the timeline for the upcoming rate case. Mickey also recognized Rick Thomas for his Board Leadership Certification. Gene Straney moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Sara Roberson reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month. He presented and discussed proposed Policy 409, "Member Privacy and Confidentiality." After discussing the proposed policy, Gene Straney moved that the policy be adopted as presented. Motion was duly seconded and carried.

David P. Brown reported on KAEC.

A. L. Rosenberger reported on EKP.

Vince Heuser, Rick Ryan, and Sara Roberson left the meeting.

Randy Meredith entered the meeting. Randy presented the safety report for March and April. Rick Thomas moved that the safety reports be approved. Motion was duly seconded and carried.

Randy Meredith left the meeting.

Mickey Miller distributed a report on projects at Fort Knox.

The inventory of special equipment work orders for March was presented in the amount of \$2,842,492.64. A. L. Rosenberger moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$2,020.18. After reviewing the accounts Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey Miller presented and reviewed changes to Policy 305, "Allocation and Retirement of Patronage Capital." He also presented Appendix H, "Malware Prevention," Appendix I, "Patch Management Policy," and Appendix J, "System Logging and Monitoring" for Policy 747, "Payment Card Industry Data Security Standard (PCI DSS) Compliance."

After reviewing the policy and appendices, Gene Straney moved the policy and appendices be approved and amended as presented. The motion was duly seconded and carried. A copy of the policy and appendices are attached to and made a part of these minutes.

Mickey Miller discussed the NCSC regional meeting. Gene Straney moved that Mickey Miller serve as voting delegate and that Linda Grimes serve as alternate. The motion was duly seconded and carried.

The next regularly scheduled board meeting will be June 15, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.


Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, June 15, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Rick Ryan, Cheryl Thomas, Vince Heuser, Sara Roberson, and Greg Lee, Staff. Jason Mattingly was also present.

David P. Brown called the meeting to order.

A. L. Rosenberger gave the invocation.

A. L. Rosenberger moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Jason Mattingly provided an update on the metering project. Jason then left the meeting.

Sara Roberson presented and discussed the financial reports for the Cooperative. She then left the meeting.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$13,431.17 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

Vince Heuser and Rick Ryan left the meeting.

Felicia Gossett joined the meeting.

Greg Lee reported on projects at Fort Knox and then left the meeting.

Felicia Gossett discussed proposed policy revisions. Gene Straney moved that Policy No. 209, "Confidentiality of Information and Conflict of Interest;" Policy No. 209A, "Gifts and Gratuities;" Policy No. 209B, "Compensating Former Government Employees;" Policy No. 307, "Purchasing Practices and Procedures;" Policy No. 313, "Construction and Maintenance Contracts;" Policy No. 729 "Anti-Nepotism (Prohibition of Favoritism Toward Relatives);" Policy No. 704, "Appendix A - Apprenticeship Program;" and Policy No. 745, "Whistleblower Reporting Procedure and Anti-Retaliation Policy" be approved as presented. Motion was duly seconded and carried. A copy of each policy is attached to and made a part of these minutes.

The inventory of work orders for March was presented in the amount of \$84,370.82 with minor projects totaling \$17,519.38. The inventory of work orders for April was presented in the amount of \$54,049.96 with minor projects totaling \$79,038.04. Special equipment for April was presented in the amount of \$66,830.00. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$3,178.55. After reviewing the accounts Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey Miller discussed selecting a voting delegate for the UUS annual meeting and the 2016 regional meetings of NRECA, CFC, and Federated Rural Electric. A. L. Rosenberger moved that Mickey Miller serve as the voting delegate. The motion was duly seconded and carried.

Mickey Miller presented a list of junked equipment from December 16, 2015, to April 30, 2016. Gene Straney moved that the equipment be removed from the plant account. The motion was duly seconded and carried.

The next regularly scheduled board meeting will be July 14, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair



Secretary

The 78th annual meeting of members of Nolin RECC was held June 24, 2016, at 7:00 p.m. at John Hardin High School, Elizabethtown, Kentucky. David P. Brown called the meeting to order and welcomed the members to their meeting.

Bro. Mike Bell, former Pastor of Glendale Christian Church, gave the invocation.

John Hardin High School Jr. ROTC presented the colors and a cadet led the pledge to the flag.

David P. Brown introduced the Board of Directors and attorney John J. Scott. He then called the 78th meeting of the members of Nolin RECC to order.

A motion was made and seconded to adopt the agenda as presented for the meeting. Motion carried.

David P. Brown announced that 1,137 bona fide members had registered which met the quorum necessary to hold the meeting. At the close of registration at 8:00 p.m., a total of 1,265 members had registered. The list of attending members is attached to these minutes.

The notice of the meeting was given as required in the bylaws. The affidavit of mailing of the official notice of the meeting is attached to these minutes. The meeting was now regularly and lawfully convened and ready to transact business.

A copy of the minutes of the 2015 annual meeting of members was presented to each member at the registration table. Motion was made and seconded to dispense with the reading of the minutes. Motion carried.

Motion was made and seconded to approve the minutes as presented. Motion carried.

A. L. Rosenberger and David P. Brown each made a brief report on the operations of the cooperative.

John Scott reported the Nominating Committee met on March 22, 2016. The Nominating Committee agreed to nominate Gene Straney and Glenn Nichols as the candidates from District 2 and John Tindall and Lawrence Ireland as the candidates from District 6 for the election of two directors.

Ballots were mailed to each member of the cooperative on June 1, 2016. An affidavit of mailing is attached to these minutes.

Pete Nolan announced that the Election Tellers met at the office of the cooperative on June 24, 2016, at 10:00 a.m. to count the ballots for the election of two directors. Gene Straney and Lawrence Ireland received the highest number of votes in their respective districts and were duly elected as directors for a three-year period or until their successors are elected and qualified. A copy of the "Certificate of Election Tellers" is attached to and made a part of these minutes.

John Scott reported that he monitored the election process of the two directors. The election was legally conducted according to the bylaws of the cooperative and Kentucky Revised Statutes and is valid.

There being no further business to come before the meeting, motion was made and seconded that the business meeting be adjourned. Motion carried.

Price Smith, Director of Nolin Operation Round-Up, introduced the program's directors. He gave a brief report on the program and presented donations to ARHHC, Camp TESSA, Greenspace, CASA, USA Cares, SpringHaven Domestic Violence Program, Helping Hand of Hope, LaRue County High School Girls Basketball Program, and Mission Hope for Kids. The 2016 donations totaled \$22,769.37.

Mike McNally, Chief Financial Officer of East Kentucky Power Cooperative made a report on EKPC.

Chris Perry, President and CEO of Kentucky Association of Electric Cooperatives made a report on KAEC and presented a certificate to Nolin for working 475,000 hours with no lost time accidents.

Mickey Miller introduced special guests and employees.

Mickey Miller spoke on "Our Power is Our People," and shared that over 6,100 members participate in Operation Round-Up and that since 2006, over \$161,000 has been donated to projects in the community. He talked about the youth who are the future leaders, the APES

program, and the Washington Youth Tour. Mickey also shared that during the past 18 months, Nolin employees have made three trips to Haiti to help bring electricity to the local residents.

Mickey Miller recognized Edwin Pickerell, a veteran who Nolin sponsored on the Honor Flight in 2015. He also recognized all active military personnel, their families, and all veterans for their service to our country.

At this time the meeting returned to door prizes and was followed by the entertainment portion of the evening.

Secretary

Chair

A special meeting of the Board of Directors of Nolin RECC was held at 7:56 p.m. Friday, June 24, 2016, at John Hardin High School immediately following the adjournment of the annual meeting of members.

Present - David P. Brown, Gene Straney, A. L. Rosenberger, Lawrence Ireland, Rick Thomas, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; and Cheryl G. Thomas, Vice President Office Services.

David P. Brown declared all officer positions vacant.

John Scott conducted the election and the Board of Directors proceeded to elect the following officers of the Cooperative: Chair, Vice-Chair, Secretary-Treasurer.

The following officers were elected by ballot:

Chair - David P. Brown

Vice-Chair - Gene Straney

Secretary-Treasurer - A. L. Rosenberger

There being no further business to come before the board, the meeting was adjourned.



Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, July 14, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Vince Heuser, Cheryl Thomas, Sara Roberson, and Greg Lee, Staff. Rick Ryan was absent. Elizabeth Woodward of Dean Dorton was present.

Elizabeth Woodward, the Corporate Ethics Monitor, met with the Board of Directors, Mickey Miller, and Felicia Gossett. Ms. Woodward gave the board a report concerning her duties as the Corporate Ethics Monitor and what she has learned during her time with Nolin.

Felicia and Mickey left the meeting and the board then asked additional questions of Ms. Woodward, after which she left the meeting.

David P. Brown called the meeting to order.

Lawrence Ireland gave the invocation.

Linda Grimes moved that the agenda be adopted as presented and that the minutes of the two previous meetings be approved as presented. The motion was duly seconded and carried.

Sara Roberson presented and discussed the financial reports for the Cooperative. She then left the meeting.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$18,010.53 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department. He discussed the bid he received for line construction. After much discussion, A. L. Rosenberger moved that the line construction bid be awarded to Hamilton Power Line Construction. The motion was duly seconded and carried.

Cheryl Thomas reported on the Office Services Department and reviewed the 2016 Annual Meeting Recap.

Mickey Miller reported on the Marketing and Member Services Department.

David P. Brown reported on KAEC.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

Vince Heuser left the meeting.

Randy Meredith joined the meeting and gave the May and June Safety Reports. Gene Straney moved that the safety reports be approved. The motion was duly seconded and carried.

Randy Meredith left the meeting.

Greg Lee reported on projects at Fort Knox and then left the meeting.

The inventory of special equipment for May was presented in the amount of \$34,499.00. Lawrence Ireland moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$8,189.85. After reviewing the accounts Linda Grimes moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey presented three appendices to Policy 746, Appendix K, "Incident Response And Management Plan;" Appendix L, "Business Continuity And Disaster Recovery;" and Appendix M, "Physical And Environmental Security." Gene Straney moved the three appendices be approved as presented. Motion was duly seconded and carried. A copy of these appendices are attached to and made a part of these minutes.

After reviewing the current criteria for joint memberships as defined in the Bylaws, Rick Thomas moved that Article I, Section 3 be modified to read as follows:

A spouse may apply for a joint membership and, subject to their compliance with the requirements set forth in Section 1 of this Article, may be accepted for such membership. The term "member" as used in these Bylaws shall be deemed to include spouses holding a joint membership and any provisions relating to the rights and liabilities of membership shall apply equally with respect to the holders of a joint membership.

Motion was duly seconded and carried.

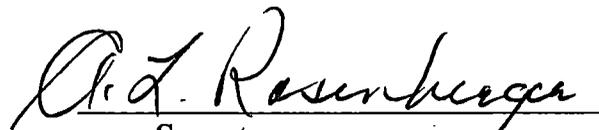
The next regularly scheduled board meeting will be Thursday, August 11, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair



Secretary

An executive session of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, August 11, 2016, at the office of the Cooperative.

The regular meeting of the Board began at 10:00 a.m. Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Vince Heuser, Cheryl Thomas, Sara Roberson, Greg Lee, and Felicia Gossett, Staff. Rick Ryan was absent. Winston Tan of Intandem, LLC was present.

David P. Brown called the meeting to order.

Rick Thomas gave the invocation.

Winston Tan presented and reviewed the multiple components of the Wage and Salary Plan. After the presentation, Mr. Tan met with the Board in Executive Session.

The meeting reconvened with all in attendance except Winston Tan and Felicia Gossett.

Gene Straney moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Sara Roberson presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$5,814.52 to be paid to estates of deceased consumers.

Mickey discussed the current SCADA system and the need for replacing the outdated system. He presented a bid from Radiant Technology to replace the current system. Linda Grimes moved that the bid from

Radiant Technology in the amount of \$193,807.02 be accepted. The motion was duly seconded and carried.

Lawrence Ireland moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Sara Roberson reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department. She reported that Operation Round-Up Director, Marion Henderson tendered his resignation and that David Bewley had been nominated to fill the vacant position. Linda Grimes moved that David Bewley be selected to serve on the Operation Round-Up Board of Directors. Motion was duly seconded and carried.

Mickey Miller reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

Vince Heuser and Sara Roberson left the meeting.

Greg Lee reported on projects at Fort Knox.

Randy Meredith joined the meeting and presented the July Safety Report. Rick Thomas moved that the safety report be approved. The motion was duly seconded and carried.

Randy Meredith and Greg Lee left the meeting.

The inventory of special equipment for June was presented in the amount of \$39,573.00. Linda Grimes moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$11,135.13. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey Miller discussed the fall Member Advisory Committee meeting and November 10th was selected as the tentative date.

Felicia Gossett entered the meeting and discussed proposed changes to Policy 734, "Smoking" and Policy 746, "Cyber Security Policy." She also discussed Policy 748, "Network Management Policy" which is no longer needed due to the fact that it has been incorporated into another policy. Gene Straney moved that Policies 734 and 746 be amended as presented and that Policy 748 be deleted. The motion was duly seconded and carried. A copy of these policies are attached to and made a part of these minutes.

After much discussion, Gene Straney moved to ratify a settlement agreement with the Environmental Protection Agency regarding an injection well at Fort Knox. Nolin will seek recovery of the settlement fee from Trico Tiger. The motion was duly seconded and carried.

The next regularly scheduled board meeting will be Wednesday, September 14, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.



Chair



Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Wednesday, September 14, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, Lawrence Ireland, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Vince Heuser, Rick Ryan, Sara Roberson, Greg Lee and Allison Coffey, Staff. Brian Stavish of CFC was present.

Brian Stavish presented the KRTA update to The Board of Directors and Staff. Staff left the meeting and the board then asked additional questions of Mr. Stavish, after which he left the meeting.

David P. Brown called the meeting to order.

Linda Grimes gave the invocation.

A.L. Rosenberger moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Sara Roberson presented and discussed the financial reports for the Cooperative.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$8,595.49 to be paid to estates of deceased consumers. Gene Straney moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Mickey Miller reported on the Office Services Department and Operation Round-Up. Linda Grimes moved that Chuck Crutcher replace Marion Henderson on the Operation Round-Up Board since David Bewley declined the appointment. The motion was duly seconded and carried.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

A. L. Rosenberger reported on EKP.

Vince Heuser and Rick Ryan left the meeting.

Randy Meredith joined the meeting and gave the August Safety Report. Linda Grimes moved that the safety reports be approved. The motion was duly seconded and carried.

Randy Meredith left the meeting.

Greg Lee reported on projects at Fort Knox.

Greg Lee and Sara Roberson presented updated financials for Fort Knox. Rick Thomas moved to expense approximately \$27,000 that had previously been recorded as Fort Knox fixed assets, which will be reflected in the Fort Knox fiscal year 2016-17. The motion was duly seconded and carried.

The inventory of special equipment for June was presented in the amount of \$684,047.55. Gene Straney moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$12,140.63. After reviewing the accounts A.L. Rosenberger moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey presented new Policy 746, Appendix N, "Security Awareness Training." Lawrence Ireland moved the policy be approved as presented. Motion was duly seconded and carried. A copy of policy is attached to and made a part of these minutes.

Mickey Miller discussed the KAEC Annual Meeting. The Board agreed by consensus that Mickey Miller and David P. Brown serve as directors and that Linda Grimes and A.L. Rosenberger serve as voting delegate and alternate, respectively. Motion carried.

Mickey Miller discussed the 2017 Wage and Salary Plan. After much discussion, Lawrence Ireland moved that the Wage and Salary Plan be approved as presented by management contingent, however, on the budget for 2017 to be presented to the Board within two months to be cut by at least the same amount as the proposed increase. Motion was duly seconded and carried with a 5-1 vote.

John Scott discussed that the Board Chair, as well as other directors, are spending a considerable amount of time on business regarding Nolin RECC without remuneration. Lawrence Ireland moved to amend Policy #202, "Directors' Fees and Expenses" to allow directors to receive full or partial compensation for time worked outside of regular board meetings and other meetings already covered in the policy. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Thursday, October 13, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David P. Brown
Chair

A. L. Rosenburger
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, October 13, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Rick Thomas, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Vince Heuser, Rick Ryan, Sara Roberson, Greg Lee, and Cheryl G. Thomas, Staff.

David P. Brown called the meeting to order.

Gene Straney gave the invocation.

A.L. Rosenberger moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as amended to include the 5 to 1 vote for wages and to list the individuals who will be serving as board members and delegates for the KAEC. The motion was duly seconded and carried.

Mickey Miller discussed the proposed rate case. After much discussion, John Scott read the following resolution:

It is hereby resolved that Nolin RECC file a rate case with the Kentucky Public Service Commission seeking a rate increase that would give to Nolin 4,613,116 dollars per year in additional revenue.

Gene Straney moved the resolution be adopted as read. Motion was duly seconded and carried.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$12,940.57 to be paid to estates of deceased consumers.

John Scott discussed the guidelines for paying capital credits to estates of deceased members. After much discussion, Gene Straney moved

that spouses of deceased members be allowed to file for capital credits when the estate was not probated provided the amount of capital credit to be paid does not exceed \$1,000.00. Motion was duly seconded and carried.

Mickey Miller reported on UUS patronage capital allocated for 2015 and patronage dividends of \$4,631.74.

Linda Grimes moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Lawrence Ireland joined the meeting.

Sara Roberson reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

A. L. Rosenberger reported on EKP and then left the meeting.

Rick Ryan reported on the Marketing and Member Services Department. The next MAC Meeting will be November 10th.

David P. Brown reported on KAEC.

Vince Heuser and Rick Ryan left the meeting.

Greg Lee reported on projects at Fort Knox.

Randy Meredith joined the meeting and gave the September Safety Report. Rick Thomas moved that the safety reports be approved. The motion was duly seconded and carried.

Randy Meredith left the meeting.

Greg Lee and Sara Roberson presented updated financials for Fort Knox.

The inventories of work orders for May and August were presented in the amounts of \$142,716.55 and \$108,882.84 respectively. Minor projects in the amount of \$9,092.40 for July were presented and special equipment for August. Linda Grimes moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$3,381.01. After reviewing the accounts, Gene Straney moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey Miller discussed proposed revisions to Policy 704, "Apprenticeship Program – Appendix A;" Policy 707, "Work Hours & Pay for Non-Exempt Hourly Employees;" Policy 714, "Grievances;" Policy 728, "Anti-Harassment;" and Policy 746, "System Logging and Monitoring – Appendix J." Linda Grimes moved that the policies be approved as presented. Motion was duly seconded and carried. A copy of each policy is attached to and made a part of these minutes.

Mickey Miller discussed a proposal for the audit of the 2016 cooperative records. Rick Thomas moved that Nolin RECC retain the services of Alan Zumstein for the audit for the quoted fee of \$10,750. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Thursday, November 10, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.

David P. Brown
Chair

A. L. Rosenberger
Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, November 10, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Lawrence Ireland, Rick Thomas, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Vince Heuser, Rick Ryan, Sara Roberson, and Cheryl G. Thomas, Staff. Greg Lee was absent.

David P. Brown called the meeting to order.

The Board met in executive session.

The executive session was adjourned.

Gene Straney moved that the agenda be adopted as presented and that the minutes of the previous meeting be approved as presented. The motion was duly seconded and carried.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$10,420.71 to be paid to estates of deceased consumers.

Lawrence Ireland moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Sara Roberson reported on the Administration and Finance Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Lawrence Ireland left the meeting.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month.

David P. Brown reported that KAEC's annual meeting will be next week, November 14th – 15th.

A. L. Rosenberger reported on EKP.

Sara Roberson presented and discussed the proposed 2017 Operating and Capital Budgets.

Vince Heuser and Rick Ryan left the meeting.

Sara Roberson discussed the financials and then left the meeting.

Randy Meredith joined the meeting and gave the October Safety Report. Rick Thomas moved that the safety reports be approved. The motion was duly seconded and carried.

Randy Meredith left the meeting.

Mickey Miller reported on projects at Fort Knox.

Sara Roberson presented updated financials for Fort Knox.

The inventory of work orders for September was presented in the amount of \$189,943.23 and special equipment was presented in the amount of \$50,247.19. A. L. Rosenberger moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$3,881.64. After reviewing the accounts, Linda Grimes moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

Mickey Miller discussed the 2017 NRECA Annual Meeting.

A. L. Rosenberger moved that Mickey Miller be the voting delegate and that Linda Grimes and Rick Thomas be the alternates for the annual meetings of NRECA, NRTC, CFC, Federated Rural Electric Insurance Exchange and NCSC. Motion was duly seconded and carried.

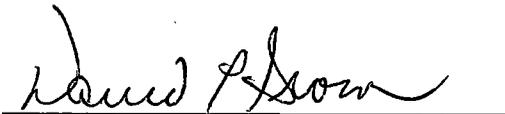
The January board meeting will be Friday, January 20, 2017.

Mickey Miller discussed the option of a Christmas bonus for employees. Rick Thomas moved that a \$250 Christmas bonus be given to employees. Motion was duly seconded and carried.

The next regularly scheduled board meeting will be Thursday, December 8, 2016.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.


Chair


Secretary

The regular meeting of the Board of Directors of Nolin RECC was held at 9:00 a.m., Thursday, December 8, 2016, at the office of the Cooperative.

Present – David P. Brown, Gene Straney, A. L. Rosenberger, Lawrence Ireland, Rick Thomas, and Linda Grimes, Directors; John J. Scott, Attorney; Mickey Miller, President & CEO; Vince Heuser, Rick Ryan, Sara Roberson, Greg Lee, and Cheryl G. Thomas, Staff; and Jim Adkins, consultant.

David P. Brown called the meeting to order.

The Board met in executive session.

The executive session was adjourned.

Jim Adkins discussed Nolin's proposed rate case scheduled to be filed with the Kentucky Public Service Commission on or before December 15, 2016. John Scott read the following resolution:

It is hereby resolved that Nolin RECC file a rate case with the Kentucky Public Service Commission seeking a rate increase that would give to Nolin 5,342,889 dollars per year in additional revenue.

After much discussion, Gene Straney moved the resolution be adopted as read. The motion was duly seconded and carried. A copy of the resolution is attached to and made a part of these minutes.

Linda Grimes moved that the agenda be adopted as presented and that the minutes of the two previous meetings be approved as presented. The motion was duly seconded and carried.

Mickey Miller presented and reviewed new memberships and applied (terminated) memberships. Mickey reviewed capital credits totaling \$8,183.38 to be paid to estates of deceased consumers.

Mickey Miller presented a service award from KAEC to Gene Straney for 30 years of service to Nolin.

Lawrence Ireland moved that the President's Report be received, that the attached lists of new memberships, terminated memberships, and capital credit payments to estates be approved. The motion was duly seconded and carried.

Vince Heuser reported on the Operations and Engineering Department.

Cheryl Thomas reported on the Office Services Department and Operation Round-Up.

Rick Ryan reported on the Marketing and Member Services Department.

John Scott reported on legal work he performed on behalf of the Cooperative in the past month. John Scott discussed the guidelines for paying capital credits to estates of deceased members. After much discussion, Linda Grimes moved that spouses and children of deceased members be allowed to file for capital credits when the estate was not probated provided the amount of capital credit to be paid does not exceed \$5,000.00. Motion was duly seconded and carried.

David P. Brown reported on KAEC.

The Board discussed the proposed 2017 Operating and Capital Budgets. Linda Grimes moved that the 2017 Operating and Capital Budgets be approved as presented. Motion was duly seconded and carried.

Vince Heuser and Rick Ryan left the meeting.

Sara Roberson reported on the Administration and Finance Department and reviewed the financial reports.

Randy Meredith joined the meeting.

Greg Lee reported on projects at Fort Knox.

Greg Lee and Sara Robertson left the meeting.

Randy Meredith gave the November Safety Report. Gene Straney moved that the safety report be approved. The motion was duly seconded and carried.

Randy Meredith left the meeting.

The inventories of work orders were presented as follows: May minor projects totaling \$40,917.82, June work orders totaling \$109,034.63 and minor projects in the amount of \$19,384.27, July work orders totaling \$90,649.17, August minor projects totaling \$9,773.48, September minor projects in the amount of \$16,285.96, and October special equipment totaling (\$329,093.27). Linda Grimes moved that the items be approved. The motion was duly seconded and carried.

The uncollectible accounts were presented in the amount of \$6,851.94. After reviewing the accounts, Rick Thomas moved the accounts be transferred from Account 142 to account 144.1. The motion was duly seconded and carried.

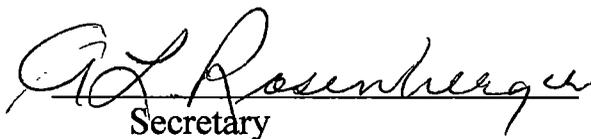
The April board meeting will be Friday, April 14, 2017, and the October board meeting will be Thursday, October 5, 2017.

Mickey Miller discussed the Knox Regional Development Alliance and the opportunity to support the program. After much discussion, A. L. Rosenberger moved that Nolin contribute \$50,000 over five years in increments of \$10,000 per year from 2016 through 2020. The motion was duly seconded and carried.

The next regularly scheduled board meeting will be Friday, January 20, 2017.

The Board adjourned into an executive session.

There being no further business to come before the Board the meeting was adjourned.


Secretary

Chair

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

4. Reference the Nolin Application generally. Provide copies of any and all documents, agendas, meeting notices, and/or annual reports relating to or distributed via bill inserts or at any and all meetings with customers between 1/1/2015 and the present time, which address or otherwise discuss the need for a rate adjustment.

Response

Refer to "Attachment 4A" and "Exhibit D" of the Application.

NOLIN News



Editor, Patsy Whitehead, CCC

Featured above: Nolin RECC Ft. Knox Accountant
Shawn McCorkle, 2 years of service.

Comments from the President and CEO

The Costs of Providing Electricity

Electricity is still one of the best values for the money. This amazing and invisible service provides us with luxuries we have grown to rely on. It allows us to keep our homes warm during winter, cook a hot meal for our family, and keep up with the world through our electronic equipment. In a perfect world – which of course we all know does not exist – electricity would be included in the price of that new refrigerator or heating system.

Nolin has worked hard to maintain our rates for the past 10 years without having to seek a rate adjustment. However, like everything else in our world, the costs to provide electricity continue to rise.

Everything Nolin buys and uses to bring clean, safe, and

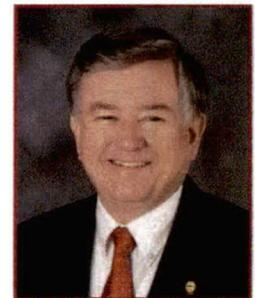
reliable electricity to your home, farm, or business has gone up in price over the past decade. Poles, wire, fuel, transformers, meters, trucks, labor, hardware, supplies, and even the wholesale electricity we purchase have all increased in the past 10 years while we have managed to hold our electric rates steady.

Nolin members recently received a letter providing information about our proposed general rate case that is now before the Kentucky Public Service Commission (PSC). Only the PSC has the authority to determine Nolin's rate structure and when these rates will go into effect.

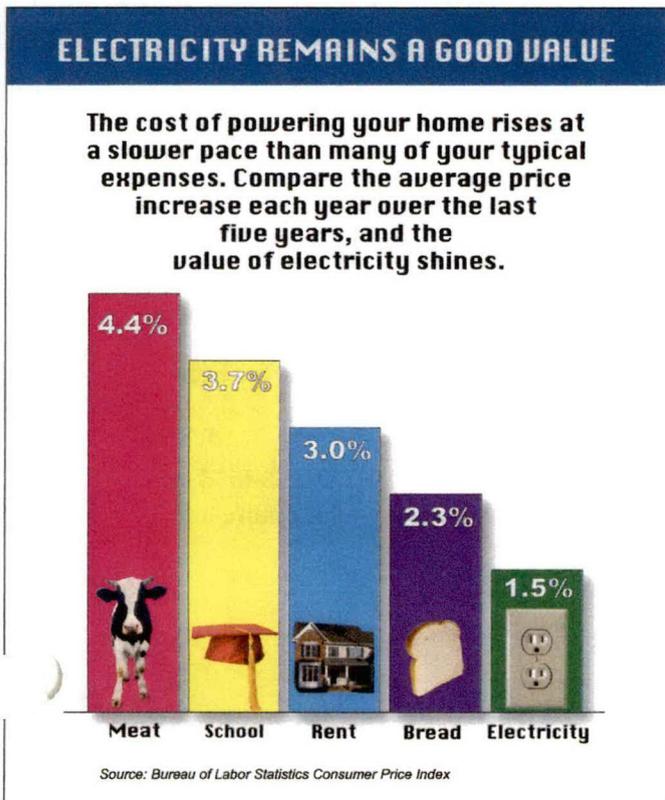
Several other electric co-ops and utilities across Kentucky are currently seeking rate increases from the PSC or have recently increased rates. Nolin has been able to delay an increase longer than any of these other utilities.

To help you offset the potential upcoming rate increase, Nolin offers free home energy evaluations, energy-efficiency rebates, and do-it-yourself tips to help you conserve your electricity.

When you consider the return on costs, electricity is still a good bargain today. Stop and think about it for a minute. At the flip of a switch, we can turn dark into light, cold into warm, and buildings into thriving industries. Advancing technology depends so greatly on electricity, and Nolin believes we do a really good job providing that much-needed service to our members.



Mickey Miller
President & CEO



On the inside...

Energy Efficiency Programs	28B
Winter Storm Safety	28C
Scholarship Opportunities.....	28D

2017 ENERGY EFFICIENCY PROGRAMS

Attachment 4A
Page 2 of 16
Witness: Michael Miller

Nolin RECC rewards members when they make smart decisions. For years, Nolin has been offering incentives to encourage members to improve the energy efficiency in their homes.

Here are your Rebate Programs

Touchstone Energy New Home Program – \$750 Rebate

When a heat pump is installed in a new Touchstone Energy Home the member will receive a rebate as long as the following requirements are met.

- Must be built to Touchstone Energy Home standards
- Pre-drywall inspection required
- Minimum **14 SEER and 8.2 HSPF** heat pump
rebate does not include manufactured homes, modular homes, or mobile homes.

Heat Pump Retro-fit Program

When a high-efficiency heat pump is installed in an existing home, meeting the requirements below, the member will be eligible for a rebate.

- Must convert from electric furnace, ceiling cable heat, or baseboard heat to a heat pump
 - Must be an all-electric home
- | | |
|--|----------------|
| 13 SEER / 7.7 HSPF | \$500 |
| 14 SEER / 8.0 HSPF | \$750 |
| 15 SEER / 8.5 HSPF or greater | \$1,000 |

Residential Energy Evaluation Program

When evaluating your energy usage, you may first want to visit Nolin's online energy analysis program, *Billing Insights*, at www.nolinrecc.com. If you still have questions or concerns, you can call for a FREE in-home energy evaluation.

Appliance Recycling Program

Earn \$50 for recycling your old refrigerator or freezer! Have your account number ready and call 1-844-HAUL4ME to schedule your pickup. Qualifying refrigerators and freezers must be between 7.75 – 30 cubic feet and in working condition with compressor running.

ENERGY STAR Rebate Program

Members who purchase and install ENERGY STAR appliances may receive a rebate as follows:

- Refrigerator.....\$100
- Freezer.....\$50
- Dishwasher.....\$50
- Clothes Washer\$75
- Heat Pump Water Heater.....\$300
- Heat Pump.....\$300
- Central Air Conditioning.....\$300

Button-Up Program

After having a free energy evaluation performed by Nolin RECC, members may receive up to a \$1,370 rebate after insulating and weatherizing their home according to our recommendations. Nolin will rebate members based on the calculated Btu of heat loss reduced from the previous inspection performed by the cooperative. The rebate will be applied according to the following requirements.

- A FREE home energy evaluation must be completed before and after upgrades
- Upgrading insulation, windows, or doors on all-electric home at least two years old
- A Nolin RECC representative will calculate Btu saved

Rebate to be issued based on the following levels:

- Level 1.....\$520** Up to 13,000 Btu saved at \$40 per thousand Btu
- Level 2.....\$1,060** 26,500 Btu or greater *
- Level 3.....\$1,370** 34,250 Btu or greater *

*Level 2 and 3 **require** a blower door test before and after work is done.

Please call Todd Drake at (270) 765-6153 ext.3330 or email t Drake@nolinrecc.com for more information on any of these programs.

4001623602



An Energy Update

from Nolin RECC



Pending Rate Increase Renewable Energy Fan Power

March 2017

Rising Costs Generate Rate Increase

Your co-op has worked hard to maintain our rates without having to seek a rate increase during the past ten years. However, like everything else, the costs associated with providing electricity continue to rise. In fact, everything Nolin buys and uses to bring clean, safe, affordable and reliable electricity to your home, farm or business has gone up in price over the last ten years.

Although reluctant to do so, Nolin filed with the Kentucky Public Service Commission (PSC) for an 11.9 percent residential rate increase. If approved, Nolin's base **residential** rate would increase from .08598 cents per kWh to .08747 cents per kWh. For an average household using 1193 kWh per month, that would mean an additional \$1.78. Also, we are seeking an increase on our monthly **member cost of service charge** from \$9.04 to \$20.00 on residential accounts.

We learned from recent studies that our existing member cost of service charge is less than what it actually costs to provide service. In fact, the existing member cost of service charge (\$9.04) is only about one-third of what it costs to bring power to your meter. With the proposed

increase (an additional \$10.96) we are hoping to get closer to the actual cost to provide quality electric service to our members.

The PSC could approve all or part of the requested increase. We expect a decision on Nolin's filing in July or August of this year.

Nolin works very hard to keep our rates steady – we take pride in knowing that we're doing all we can to bring you affordable electricity. Until now, we haven't raised our base rate since 2007 and prior to that, we had not raised our base rate in 25 years. In fact, rates were lowered in the early 1990's.

We'll keep you posted on Nolin's rate increase filing as information from the PSC is passed on to us. In the meantime, we remind you that Nolin offers a number of options to help you manage your energy bill. Some of those services include automatic payment options, budget billing, energy audits and energy efficiency programs. We encourage you to call the office for details on all of our energy management programs or visit our website at www.nolinrecc.com.

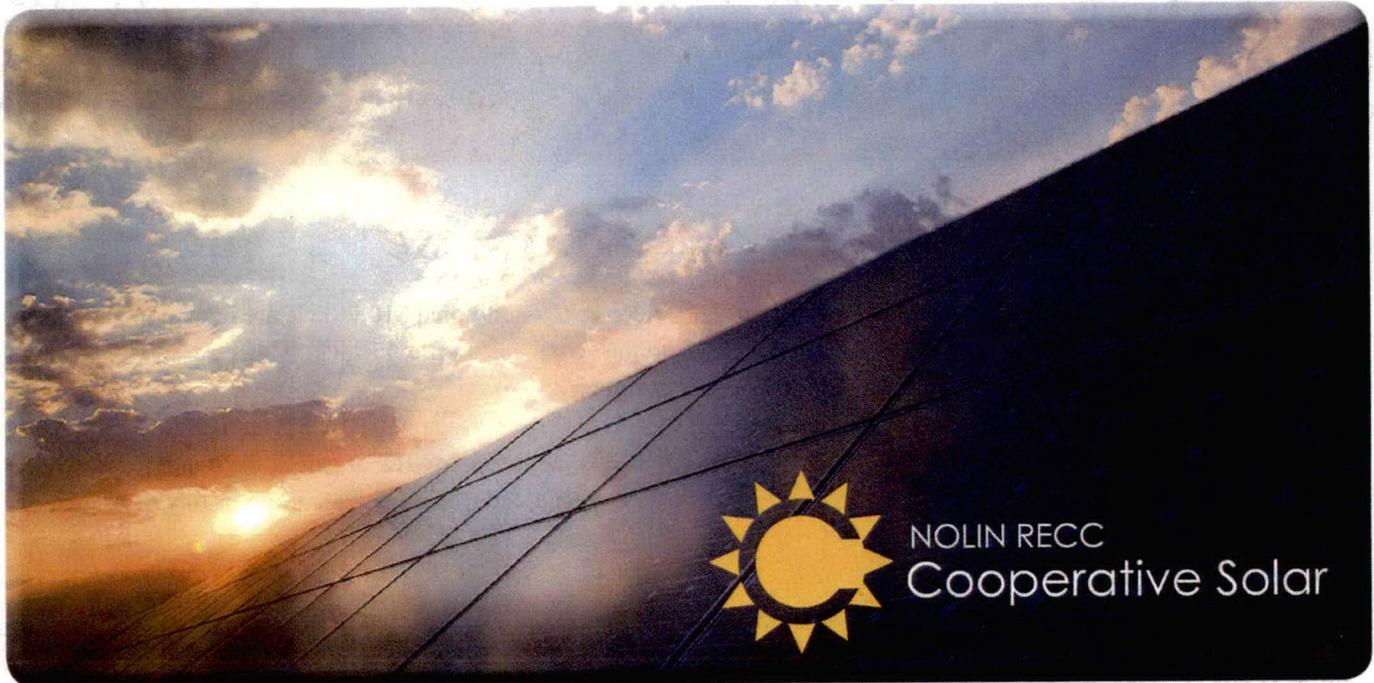
Ceiling Fans: Which way should they turn?

Ceiling fans are economical to operate and can help keep you comfortable year 'round. During the winter, they circulate the heated air that rises to the ceiling and redirect it back down toward the floor. In winter, operate fans at low speeds.

Most ceiling fans are designed to be reversible for winter operation. Make sure that the direction of airflow on your ceiling fan is upward in the winter for maximum effectiveness. This will force heat back down around the walls. Don't forget to reverse the switch when the weather warms up so that the air will help cool your room!



Renewable Energy Solutions for Nolin Members



Nolin members may soon have an opportunity to invest in renewable energy through our wholesale power provider, East Kentucky Power Cooperative (EKPC). A request from EKPC has been approved by the Kentucky Public Service Commission (PSC) to construct an 8.5-megawatt solar project in Clark County, Ky.

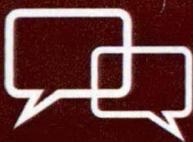
The cooperative solar installation will be located next to EKPC's headquarters facilities, adjacent to Interstate 64 and U.S. 60, about two miles east of Fayette County. With more than 32,000 photovoltaic panels covering 60 acres of land, the installation would be one of Kentucky's largest solar farms.

This project is unique in that it allows members the option to invest in renewable power without the worry of complicated logistics or the high installation costs associated with home solar panels.

Here's how it works: Nolin RECC members, and other participating electric distribution cooperatives on EKPC's system, can purchase a license for a portion of the solar project's generating capacity. Each license fee (one fee for each solar panel) will cost \$460. Participating members would receive credits on their monthly electric bill for the value of the energy from their proportional licensed share. Licenses will be valid for 25 years.

EKPC hopes to complete construction of the solar farm by late August – we'll continue to keep you posted as they move along with this project. In the meantime, consider making an investment in the new not-for-profit community solar farm.





An Energy Update

from Nolin RECC



Control Usage with SmartHub Energy-Saving Incentives

February 2017

[Attachment 4A
Page 5 of 16]

SmartHub: So Much More than Online Billing



You may have read or heard about Nolin's SmartHub, our online billing solution that enables members to view their account, make an electronic payment, and even report an outage. But there is a lot more to SmartHub than online billing.

Wouldn't it be nice if you could see how much electricity you're using before you get your electric bill? With SmartHub you can view all of your usage, including your unbilled usage. With our new smart meters and SmartHub you can actually view your usage down to the hour.

Do you have a heat pump or water heater that is malfunctioning? SmartHub allows you to view that usage and possibly determine the problem. If you notice higher usage and can't figure out what is causing it, simply

call one of Nolin's energy advisors and they can help you answer those energy usage questions.

Most of us at one time or another have been surprised by a higher than normal electric bill. Wouldn't it be nice if you could get a text message or email letting you know when your usage suddenly increases? SmartHub can notify you of extreme variations in your energy usage through the Power Usage Alert feature. Think of it like a low balance notification from your bank.

SmartHub also allows you to compare your usage this month to last month, or even your usage for the same month last year through the Usage Comparison feature. Not only will you get a comparison of your usage, you will also get a comparison of weather data and the amount you were billed. This tool will help you see how the weather affects your energy consumption.

Are you ready to control your energy usage with SmartHub? Visit our website at www.nolinrecc.com and click on the SmartHub logo to set up your account.

Take the brrr out of February Warm up with these ideas and rebates

When temperatures drop, your monthly electric bill usually starts to climb. There's no need to panic, though. Nolin can help take the brrr out of February with a more energy-efficient home. We have many programs to assist members with saving electricity — and money. Grab a cup of coffee and consider these energy-saving ideas and incentives from Nolin.

Seal the ducts.

Improve the efficiency of your heating system dramatically by sealing leaky air ducts. By applying a substance called mastic with a paint brush to every duct seam, you'll plug the leaks. You can buy mastic from most home improvement stores.

Button-Up.

Sealing the air leaks in your home can save up to 20 percent on heating costs. Call us to schedule a free energy evaluation to identify air-loss problems and learn how to fix them.

Up to \$1,370 in rebates are available for those who insulate and weatherize according to our recommendations.

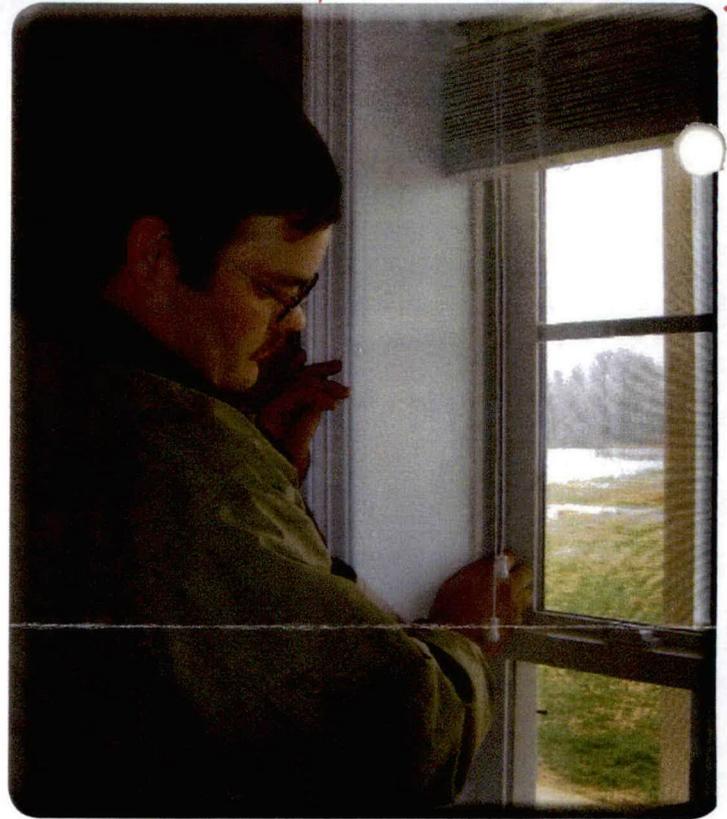
Make the switch.

Are you heating with an inefficient, costly electric furnace, baseboard heat or ceiling cable heat? Homeowners who replace an outdated heating system with a qualifying high-efficiency heat pump can receive a rebate of up to \$1,000.

Shop for the STAR.

If you're replacing your home's heat pump, buy one that is ENERGY STAR certified and get a \$300 rebate from Nolin RECC. Heating and cooling system change outs (replacement of broken heat pumps, heat pump upgrades, new installs) and new central air installations are covered. You can also get rebates for buying ENERGY STAR refrigerators, freezers or other appliances.

Call Nolin or visit our website to learn more about these programs and our rebates.



Sealing air leaks saves electricity and money. Nolin RECC can help you save. Learn more at www.nolinrecc.com.



A Touchstone Energy Cooperative



January 2017

[Attachment 4A
Page 7 of 16]

Keep the Cold OUT with Weather Stripping

Start your New Year by reducing energy consumption



Any drafts around doors and windows that went unnoticed during fall are now downright uncomfortable and adding to your energy bills.

Weather stripping offers a relatively quick fix for drafty doors. To determine if a door leading out of your house needs new weather stripping look for daylight. If even a sliver of daylight remains visible between the door and its frame or the floor, add weather stripping.

Next, shut the door or window on a piece of paper. If you can pull the paper out without tearing it, you're losing energy.

There are a variety of weather stripping materials available, each good for fitting different types of door and window frames. Most are made of rubber, foam, metal, vinyl, or a combination of materials. To determine the right item for the job, check the area: if any old, worn material has been previously installed, take a sample to your local hardware store or contractor. If no material exists as a guide, make detailed

notes about the type of gap and how the door or window is installed—someone at the hardware store or an energy expert should be able to make a recommendation for you.

Once you have the proper materials for the job, consult any instructions that may be on the weather stripping package. Installation techniques range from simple to technical, depending on the type of material being used. If replacing old, worn weather stripping, be sure to note how it was installed as you remove it.

Here are a few basic guidelines:

- Weather stripping should be applied to clean, dry surfaces in temperatures above 20°F.
- Measure the area to be weather stripped twice before you cut anything.
- Apply weather stripping snugly against both surfaces. The material should compress when the window or door is shut.

continued on back

When weather stripping doors:

- Choose the appropriate door sweeps and thresholds.
- Weather strip the entire door jamb.
- Apply one continuous strip along each side.
- Make sure the weather stripping meets tightly at the corners.
- Use a thickness that causes the weather stripping to tightly press between the door and the door jamb, without making it difficult to shut.

When weather stripping windows:

- Apply weather stripping between the sash and frame.
- The weather stripping shouldn't interfere with the operation of the window.

Fireplace and space heater safety

The high cost of home heating may tempt many people to seek the warmth and comfort of a fireplace or space heater this winter.

Whether you use a fireplace or space heater, be sure to follow safety measures. The U.S. Consumer Product Safety Commission (CPSC) reports that about 190 deaths annually are associated with portable heaters and about 40 with fireplaces and chimneys.

Heaters can cause fires if placed too close to flammable materials such as drapes, furniture or bedding. Fireplaces can cause fires if the chimney is cracked, blocked or coated with

creosote or if sparks and embers can reach flammable materials.

Here are some important safety tips from the CPSC

- Choose a newer heater that has the Underwriter's Laboratory (UL) label attached.
- Thermostatically controlled heaters avoid energy waste and overheating a room.
- Locate the heater on a level surface and keep children and pets away from it.
- Buy a unit with a safety switch that automatically shuts off if it's tipped over.
- Plug the heater directly into a wall outlet. If you must use an extension cord, use a heavy-duty cord of 14-gauge wire or larger.
- Have your fireplace and chimney inspected annually and cleaned when necessary.
- Never leave a fire unattended. Extinguish the fire before you go to bed.
- Open the fireplace damper before lighting the fire and keep it open until the ashes are cool. This will avert the build-up of poisonous gases.
- When building a fire, place logs at the rear of the fireplace, preferably on a grate.
- Never overload the fireplace with too many logs.

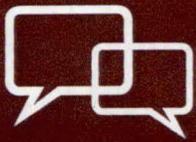


Attention World War II veterans...register for the Touchstone Energy Honor Flight at www.honorflightky.org.

Next year's flight is scheduled for September 16th!



**HONOR
FLIGHT
KENTUCKY**



An Energy Update

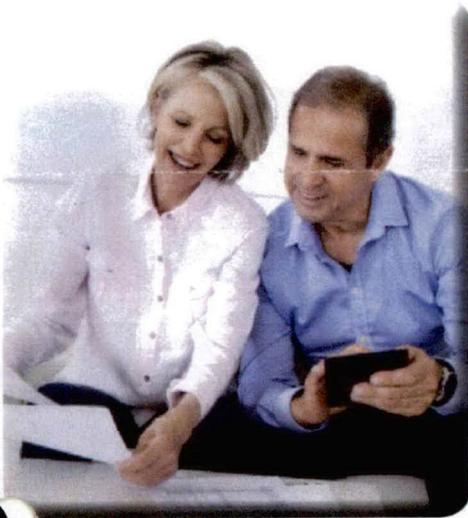
from Nolin RECC



December 2016

[Attachment 4A Page 9 of 16]

Three simple ways to manage your energy usage



1. Budget your electric bill all year

Nolin's Budget Billing is simple – the program allows members to pay an average dollar amount each month based on the previous 12 months' usage. Members enrolled in budget billing no longer receive higher bills in the winter and summer due to increased HVAC usage.

You don't have to visit the Nolin RECC office to sign up for budget billing – you can enroll over the telephone by calling 270-765-6153, or visit www.nolinrecc.com and click on "My Account" and then click on "Bill Payment Options."

2. SmartHub

Manage your electric consumption online through SmartHub. This innovative tool allows members to examine their account by viewing daily, monthly and yearly usage. See for yourself just how much energy you are using each day with SmartHub. You can also make payments and report a service interruption through SmartHub. Visit the Nolin website to create an account.

3. Lower the temperature a little; save a lot

The recommended thermostat setting during the winter is 68 degrees. For every degree above 68 you can add 2 – 3 percent to your heating costs.

It is NOT recommended to lower and raise your thermostat when you have a heat pump or geothermal system because the auxiliary heat will automatically come on when you raise the thermostat two or more degrees. Auxiliary heat costs twice as much to run as your heat pump costs in normal mode.

The more consistent you keep the temperature in your home during the winter the more comfortable your home will be.

Your best bet is to set your thermostat and forget it.



A STAR for Christmas

Nolin's ENERGY STAR Appliance Rebate Program provides rebates to members who purchase and install ENERGY STAR certified appliances. Rebates range from \$50 to \$300.

After you purchase your new appliance, apply for your rebate at www.nolinrecc.com.

If your new ENERGY STAR appliance is a refrigerator or freezer, our Appliance Recycling Program offers you a chance to recycle your old one. Your reward for getting rid of your inefficient, working appliance is \$50!

- Qualifying refrigerators and freezers must be between 7.75 – 30 cubic feet and in working condition.
- They must be plugged in and the compressor must be running at the scheduled pick-up time.
- Refrigerators/freezers must be empty, defrosted, and water lines disconnected.

Visit our website and click on "Rebates" to make sure your unit will qualify for this program. Call 1-844-HAUL4ME to schedule your pick-up.

Contact the Nolin RECC Member Services Department at 270-765-6153 ext. 3357 for more information on our member incentive programs.

Don't forget to service heat pump

Did you have your heat pump serviced this fall? This is a friendly reminder that it is very important to have your heating system serviced before winter arrives. Malfunctioning heat pumps can cause your electric bill

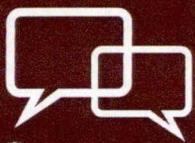
to go up significantly. A high electric bill is a reminder that no one wants to receive. So take the time to have your system serviced by a licensed HVAC professional.

[Attachment 4A
Page 10 of 16]



ENERGY STAR Appliances	Rebate
Refrigerator	\$100
Freezer	\$50
Dishwasher	\$50
Clothes Washer	\$75
Heat Pump Water Heater	\$300
Heat Pump	\$300
Central Air Conditioning	\$300

YOU CALL.  WE HAUL. 
 APPLIANCE RECYCLING PROGRAM
 1-844-HAUL4ME



An Energy Update

from Nolin RECC



*Control Energy Usage
Manage your Account
Round-Up Your Change*

November 2016

[Attachment 4A Page 11 of 16]

10 ways to lower home energy usage this winter



Want to save money on your energy bills this winter — without spending a lot to make it happen? Here are 10 low- or no-cost changes you can make:

1. Use your home's ceiling fans to make the rooms feel warmer. Ceiling fans running slowly in reverse will circulate the heat that rises toward the ceiling.
2. Add weather stripping or caulk around windows and doors. Light a match or a stick of incense and hold it near the window frame. If the smoke sways, that means the window is leaking air. Caulking can significantly reduce heat loss.
3. Rearrange your furniture. Move sofas and rugs that are blocking vents, which can cause uneven heating. Locate your most frequently used furniture near interior walls.
4. Install a "smart" thermostat that lets you program it or adjust the heat even after you've left the house. There's no need to heat your home at the same level when it's empty as when your family is home.
5. Keep the shades wide open during daylight hours. The sun heats your home for free all day. Close the curtains at night to keep heat in.
6. Check the seams and joints of your ductwork for leaks. Repair any leaks with a duct-sealing compound for even and efficient heating.
7. Put on a sweater and keep the thermostat at a lower temperature. You could save at least 1 percent per degree on the heating portion of your electric bill.
8. Run your clothes dryer and dishwasher after dark. They produce heat that can keep your home warm at the coldest time of the day.
9. Install compact fluorescent bulbs or LED lights. These bulbs use far less energy than incandescent bulbs.
10. Limit your hot water use. Running the hot water when it's not needed is like pouring energy dollars down the drain. Wash clothes in cold water and take shorter showers.

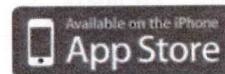
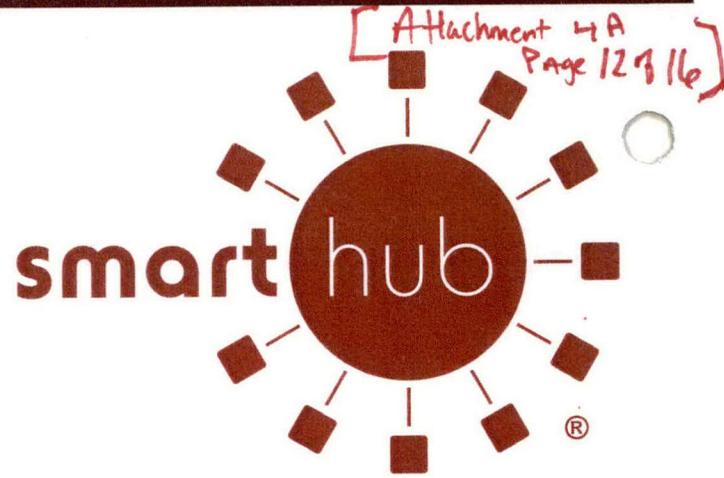
Busy life? Use SmartHub!

You've got the power to manage your electric bill online with Nolin's SmartHub!

SmartHub allows you to take control of your energy usage by viewing your account electronically whenever you want. This innovative tool gives you the power to examine your account, make payments, report a service interruption, and compare monthly and yearly electricity usage.

SmartHub is fully and safely integrated to Nolin's billing system and can be accessed through mobile and Web apps. Visit the Nolin Web site at www.nolinrecc.com and click on SmartHub!

Better yet, download the SmartHub app right now!



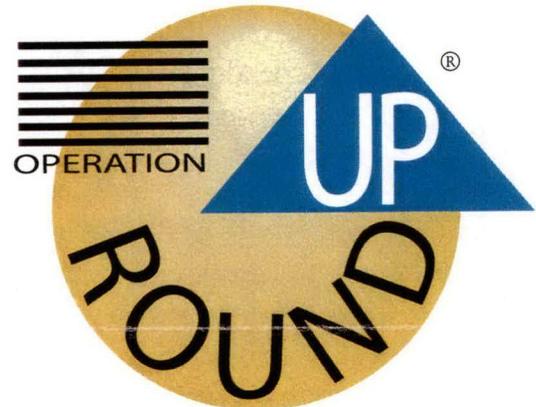
Giving Back to Your Community

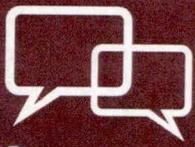
Nolin RECC members were introduced to Operation Round-Up (ORU) in 2006 and since that time over 5,500 members have signed up to help others in their community by rounding up their electric bill each month. The small change from rounding up to the nearest dollar is deposited into a special account and is used to help worthy causes and programs in the community.

Local citizens make up a non-profit board of directors that govern the program. The board reviews applications for community projects and makes decisions on when, where, and how to utilize funds.

ORU participation is voluntary and open throughout the year. Any Nolin member who signs up for the program before 5 PM, December 2, 2016, will earn a chance to win \$100, \$50, or \$25 in a cash drawing. Those already enrolled in ORU will automatically be eligible for the drawing for each active Nolin account.

If you would like to help others in your community by donating under a dollar a month, check the appropriate box on the back of your electric bill that allows you to sign up for the program, or you may call the Nolin office at 270-765-6153.





March 2016

[Attachment 4A
Page 13 of 16]

Seal Air Leaks with Caulk

Did you know heating and cooling accounts for roughly half of your home's energy use? Caulking cracks and gaps around windows, doors and spaces around wires (telephone, electrical, cable and gas lines), water spigots and dryer vents can pay off with big energy savings.

According to the U. S. Department of Energy, the approximate cost of caulking is \$5-\$30. The approximate energy savings is 5-10 percent.

Materials You Will Need: Caulk, caulk gun, knife or tool to cut, rags, water

1. **PREP:** Clean the area where you will be applying the caulk. Remove any dirt, loose paint or old, cracked caulk.

Be sure the area is dry before applying new caulk appropriate for your application.

2. **LOAD:** You will need to pull the plunger all the way back to load the tube of caulk into the barrel of the caulking gun.

Next, squeeze the trigger a few times until the plunger makes contact with the tube. Squeeze once or twice more to fill the tip with caulk.

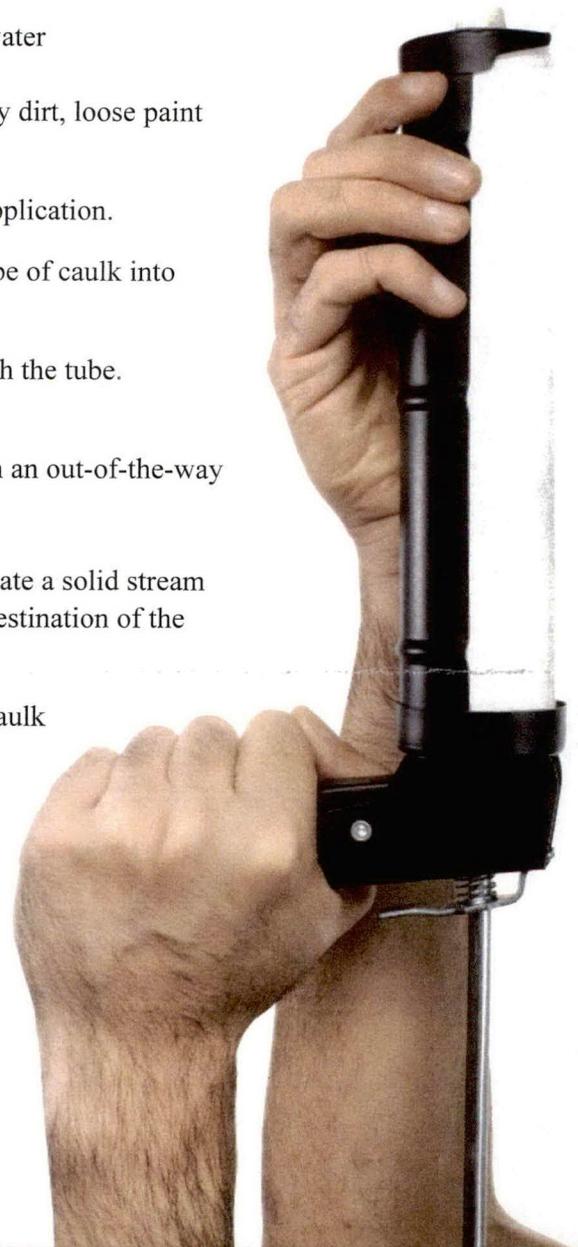
3. **APPLY:** To figure out the right amount of caulk needed, experiment with an out-of-the-way section. You may find that you need less caulk than you thought.

Hold the gun at a slight angle. Apply steady pressure on the trigger to create a solid stream from the tip, which should be placed 1/2 inch or less from the intended destination of the material.

Use just enough caulk to do the job. Use your finger to gently press the caulk into the corner, crack, or space.

4. **RELEASE:** Once the trigger is fully depressed, allow it to spring back and depress it again. Keep the gun moving while caulk continues to come from the tip.
5. **CLEAN:** Use a damp cloth or rag to clean off most of the excess caulk. Use a dry cloth to clean off the rest.

Nolin's energy advisors usually have a supply of caulk in their trucks, and they will be happy to give you caulk when they visit your home for a FREE energy evaluation.

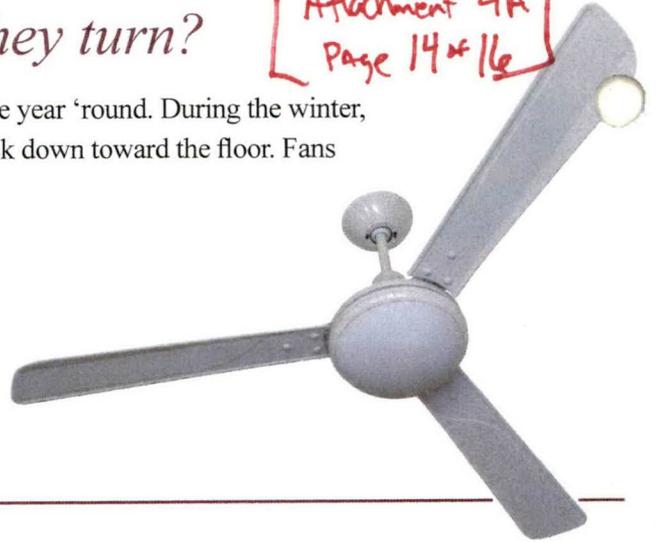


Ceiling Fans: Which way should they turn?

Attachment 4A
Page 14 of 16

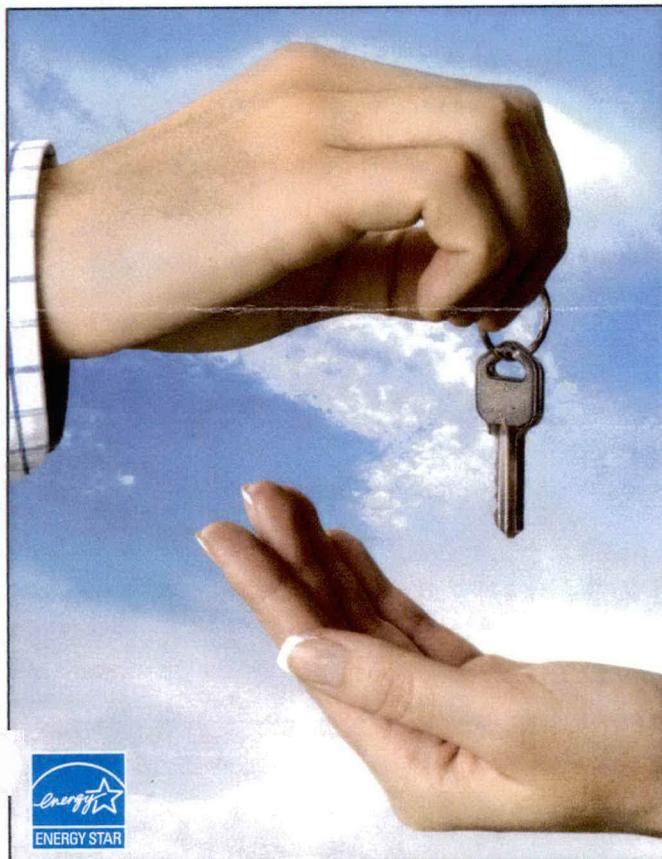
Ceiling fans are economical to operate and can help keep you comfortable year 'round. During the winter, they circulate the heated air that has risen to the ceiling and redirect it back down toward the floor. Fans used during the winter should be operated at low speeds.

Most ceiling fans are designed to be reversible for winter operation. Make sure that the direction of airflow on your ceiling fan is upward in the winter for maximum effectiveness. This will force heat back down around the walls. Don't forget to reverse the switch when the weather warms up so that the air will help cool your room!



Check us out on Facebook

The next time you're on Facebook (FB), be sure to search for "Nolin Rural Electric Cooperative Corporation" so you can like and share our page with your friends. Nolin recently created an official FB site and we'll be posting energy saving programs, special events, and outage information for our members and friends. Check us out!



Thinking about a new home?

Our home programs maximize your comfort and save energy dollars.

Touchstone Energy Home

For new construction, this program helps you build an energy-efficient home. You'll save energy and money for years to come.

ENERGY STAR® Manufactured Home

This program upgrades your new home to an energy-efficient model at no cost, in most cases.

To learn more about our programs and rebates, contact our energy advisor today.

www.nolinrecc.com

January 2016

Resolve to save money through energy efficiency in 2016

It's resolution time again. In addition to "hitting the gym" and "eating more kale," be sure to make a home energy efficiency resolution this year. Unlike the first two resolutions mentioned, improved energy efficiency is one you will want to keep.

Whether this is the first year you're looking for ways to save energy or you want to lower your energy bills even more than last year, Nolin RECC can help you meet your goals.

Nolin energy advisors suggest these seven strategies to help you become more energy efficient in 2016:

1. Sign up for Nolin's SimpleSaver program. Your participation in this program helps us reduce electric demand on your system, and it provides bill credits to members who join. Call (800) 305-5493 or go to www.simplesaver.coop to learn more.
2. Schedule an energy audit to reduce costly air-loss problems. Sealing up the leaks will reduce your monthly bill, and could make you eligible for rebate incentives.
3. Receive a rebate of up to \$1,000 by replacing an outdated heating unit with a qualifying high-efficiency heat pump.
4. Replace your old refrigerator or freezer with a new ENERGY STAR® unit and you get a \$100 rebate, while saving about \$50 per year in energy costs. Let us recycle your old appliance and receive an additional \$50.
5. Buy a new dishwasher, clothes washer, heat pump water heater, heat pump, or central air conditioner that is ENERGY STAR certified. Your purchase may qualify for a rebate that can knock hundreds off the cost.
6. Use the *BillingInsights* home energy analysis tool available free at www.nolinrecc.com to create a custom plan for lowering your everyday energy costs.
7. Building a new home? Ask about the Touchstone Energy Home program to receive no-cost assistance in designing your home for maximum energy efficiency. Rebates for qualifying energy measures are available.
8. Lighting usually makes up more than 10 percent of your electric bill. Substitute energy efficiency CFLs or LEDs for incandescent light bulbs to save on your lighting costs.

Get more details about these programs and other energy incentives and rebates by contacting Nolin RECC at 270-765-6153 or visit our website at www.nolinrecc.com.

When you make your New Year's resolutions, remember we're here to help make your home more energy efficient in 2016. You'll reap the savings on your power bill for years to come.

[Attachment 4A
Page 15 of 16]



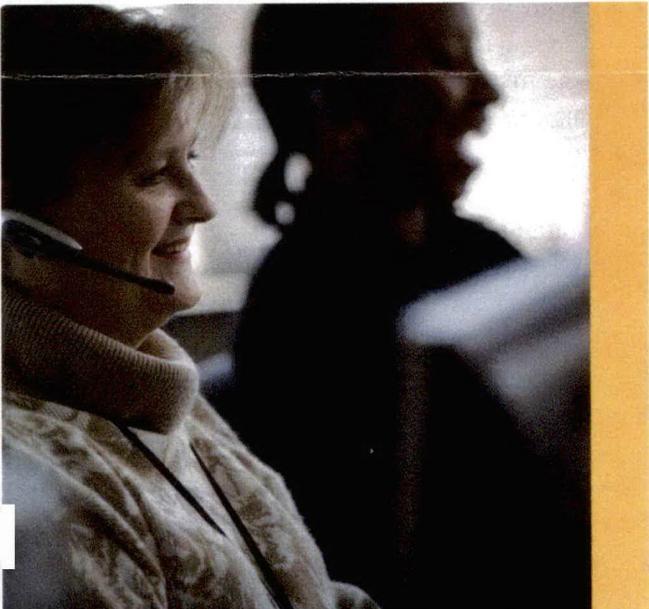
Protect your identity with your Co-op Connections Card

While it's not pleasant to think about, thieves out there want to steal your identity. Identity theft, unfortunately, has become a common occurrence in today's time. If you are looking for an identity theft monitoring and resolution service, you are eligible for a discounted rate through your Nolin RECC Co-op Connections Card.

Nolin members are eligible for a discount with ID Sanctuary, starting for only \$5 a month. With your subscription service, ID Sanctuary provides proactive tools and recovery assistance needed to quickly respond to an identity or fraud crisis. With ID Sanctuary, you will receive:

- Unlimited 24/7 resolution assistance whenever your identity has been compromised;
- Step-by-step guidance through the identity resolution process if you become a victim of identity theft or fraud;
- Document replacement assistance when identification documents such as Social Security cards, birth certificates, passports and driver's licenses are lost, stolen or destroyed;
- Credit inquiry activity alerts;
- One bureau credit report, credit score and monitoring;
- Access to an online educational resource with new articles, information, tips and best practices to protect against identity theft;
- Family plan includes you and up to three legal dependents over the age of 18.

ID Sanctuary is not insurance. For more information, visit <http://connections.coop/share/cGlp>.



WHEN IDENTITY THEFT STRIKES, WE'RE ON YOUR SIDE.

Identity theft is the fastest growing crime in the U.S. Co-op Connections wants to help by unveiling ID Sanctuary, an identity theft monitoring and resolution service.

This benefit provides you with the proactive tools and recovery assistance needed to quickly respond to an identity or fraud crisis.



The one card that does it all.
Connections.coop



Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

5. Reference the Nolin Application generally. Provide copies of any and all documents, correspondences, newsletters, and/or annual reports mailed or provided electronically to Nolin's customers from 1/1/2015 up to the present time, which address or otherwise discuss the need for a rate adjustment.

Response

Refer to "Item 4" and "Exhibit D" of the Application.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

6. Reference the Nolin Application generally. Has Nolin conducted a study to compare the Company's salary, benefits, raises and bonuses per employee with the standard salary, benefits, and raises by the workforce in the counties that it services? If so, provide copies of all such studies. If not, explain why a study has not been performed.

Response

Nolin relied on the studies performed by Intandem, LLC using state, regional and national data. Until the Commission's Order in the recent general rate adjustment case involving Kenergy (See Case No. 2015-00312, Ky.P.S.C. Sept. 9, 2016), Nolin was not aware that the Commission desired that wage and salary surveys include data analysis at the local/county level. Nolin's Wage and Salary Plan most recently updated by Intandem (March/2016) was finalized before the Kenergy Order. Nolin intends to ask Intandem to update its next survey revision to include local wage and benefit information for the geographic area where Nolin operates.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

7. Reference Nolin's Application, Paragraph (1), and provide the per capita income for the residents of each of the eight (8) counties that the Company provides with electricity service. Additionally, provide the unemployment rate for each county as well.

<u>Response</u>	<u>Income</u>	<u>Unemployment Rate</u>
Breckinridge	\$38,907	5.3
Bullitt	\$54,836	3.7
Grayson	\$32,399	5.8
Green	\$34,406	4.2
Hardin	\$48,687	4.2
Hart	\$33,408	4.3
LaRue	\$39,753	4.3
Meade	\$46,756	4.8
Taylor	\$36,384	4.5

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

8. Reference Nolin's Application, Paragraph (3), where the Company states that increased cost of power, materials, equipment, labor and other fixed and variable costs are the reasons behind the Company's rate increase request of \$5,342,889. Provide a detailed explanation of the reasons that these specific costs have risen. Additionally, provide a succinct chart/table that provides a complete breakdown by item/account of \$5,342,889 rate increase.

Response:

The above statement on the increases in costs that Nolin has incurred has been one that Nolin has experienced over several years. The specific items that have created the need for this rate application cover a period of several years. It is not possible to quantify the factors stated above explicitly into a breakdown of the amount of increase requested. Provided below is a schedule that provides a categorical breakdown of the test year adjustments that are the basis for the amount of increase requested.

**Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information**

Test year Adjustments That Makeup the Amount of Increase Requested						
Test Year Adjustments	Amount	Expense Increase	Expense Decrease	Revenue Increase	Revenue Decrease	Amount of Increase
Wages & Salaries	(16,230)	(16,230)				(16,230)
Payroll Taxes	(5,471)	(5,471)				(5,471)
Depreciation	(394,111)	(394,111)				(394,111)
Interest Expense	44,507		44,507			44,507
FAS 106	(32,440)	(32,440)				(32,440)
Retirement & Security	(56,962)	(56,962)				(56,962)
Professional Fees	326,143		326,143			326,143
Director Expenses	83,999		83,999			83,999
Donations	34,604		34,604			34,604
Miscellaneous Expenses	18,408		18,408			18,408
Advertising	41,206		41,206			41,206
Rate Case Expenses	(25,000)	(25,000)				(25,000)
EKPC Capital Credits	(3,474,463)				(3,474,463)	(3,474,463)
Purchased Power	4,146,380		4,146,380			4,146,380
Revenue - FAC & ESC	(3,653,290)				(3,653,290)	(3,653,290)
Revenue - Normalization	(57,182)				(57,182)	(57,182)
Other Electric Revenue	(131,086)				(131,086)	(131,086)
	(3,150,988)	(530,214)	4,695,247	0	(7,316,021)	(3,150,988)
Actual Loss for Test Year						481,624
Subtotal						(3,632,612)
Plus Additional Revenue for a 2.0 TIER						1,710,275
Total Increase						5,342,887

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

9. Reference Nolin's Application, Paragraph (10). Did the Nolin Board of Directors ever discuss alternatives to filing a rate increase? For example, did the BOD discuss either freezing or reducing wage and salary increases/raises and/or bonuses, or increasing employee contributions for benefits such as health insurance?

Response

The Nolin Board considered alternatives to a rate increase. It has been ten years since Nolin's last general rate increase in 2007 and 34 years since the prior general rate increase in 1983. In addition Nolin had a rate reduction in 1990. Over these years of stabilized rates it became apparent Nolin has managed resources well. All these factors led the Nolin board to begin the rate case process. Wage and benefit freezes tend to be the least productive and may cause loss of highly trained employees.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

10. Reference the Nolin Application generally. Provide copies of any salary surveys/studies or analysis of prevailing wage and salary amounts in the Nolin service area, or any other documents utilized in the process of determining the amount of compensation for wage and salaried employees.

Response

Refer to "Attachment 53B" and "Attachment 53C" of Nolin's responses to the Commission's First Request for Information.

**Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information**

11. Reference the Nolin Application generally to answer the following:
- a. Provide a list of each Nolin salaried employee's job title with yearly salary, overtime if any, percent pay increase for each of the past ten (10) years, and also include all benefits, bonuses, awards, etc.

Response

Refer to "Attachment 11A".

- b. Provide a list of each Nolin hourly employee's job title with yearly salary, overtime if any, percent pay increase for each of the past ten (10) years, and also include all benefits, bonuses, awards, etc.

Response

Refer to "Attachment 11A".

- c. Provide a list of each Nolin Board of Director's job title with salary, overtime if any, percent pay increase for each of the past ten (10) years, and also include all benefits, bonuses, awards, etc.

Response

Refer to "Attachment 11B".

- d. Provide a list of each Nolin Officer's job title with salary, overtime if any, percent pay increase for each of the past ten (10) years, and also include all benefits, bonuses, awards, etc.

Response

Nolin does not classify any employees as "officers".



CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2006

Employee Number	TITLE	REG	OT	BONUS/ OTHER	SUB-TOTAL
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Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2008



CONFIDENTIAL

Employee Number	TITLE	REG	OT	BONUS/ OTHER	SUB-TOTAL
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Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2010

Employee Number	TITLE	REG	OT	BONUS/ OTHER	SUB-TOTAL
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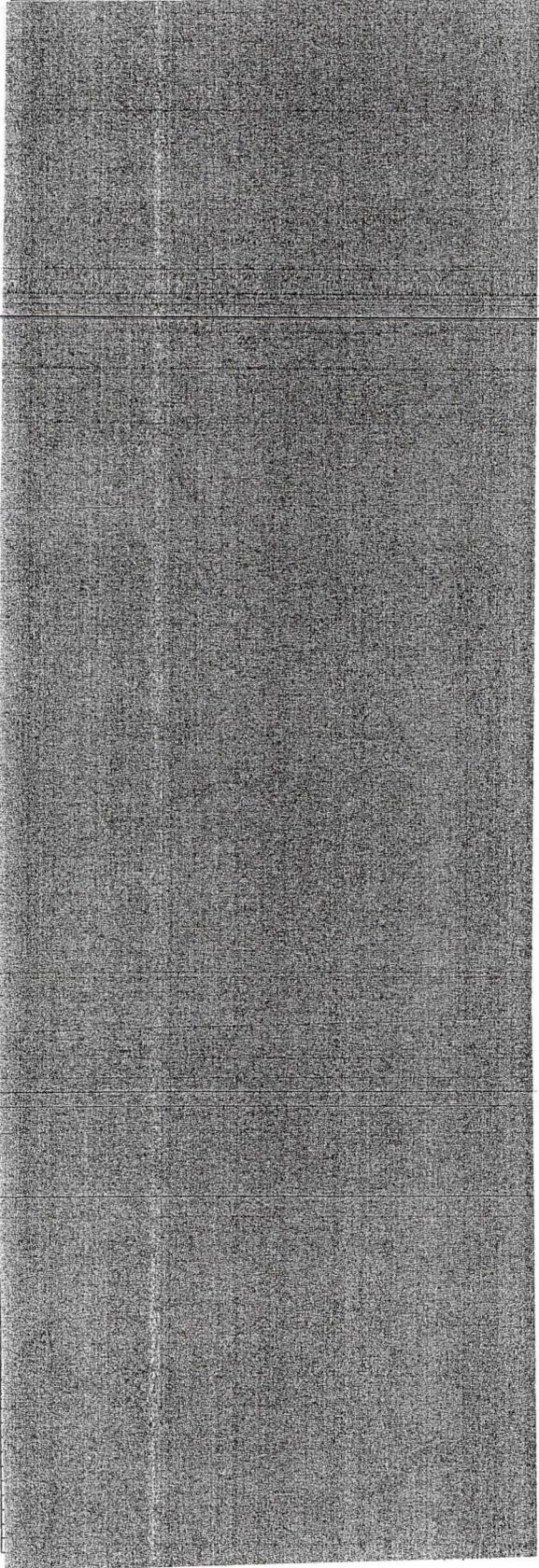
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CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2011

Employee Number	Title	Regular	Overtime	Bonus/ Other	Sub-Total
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CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")

CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2012

Employee Number	Title	Regular	Overtime	Bonus/ Other	Sub-Total
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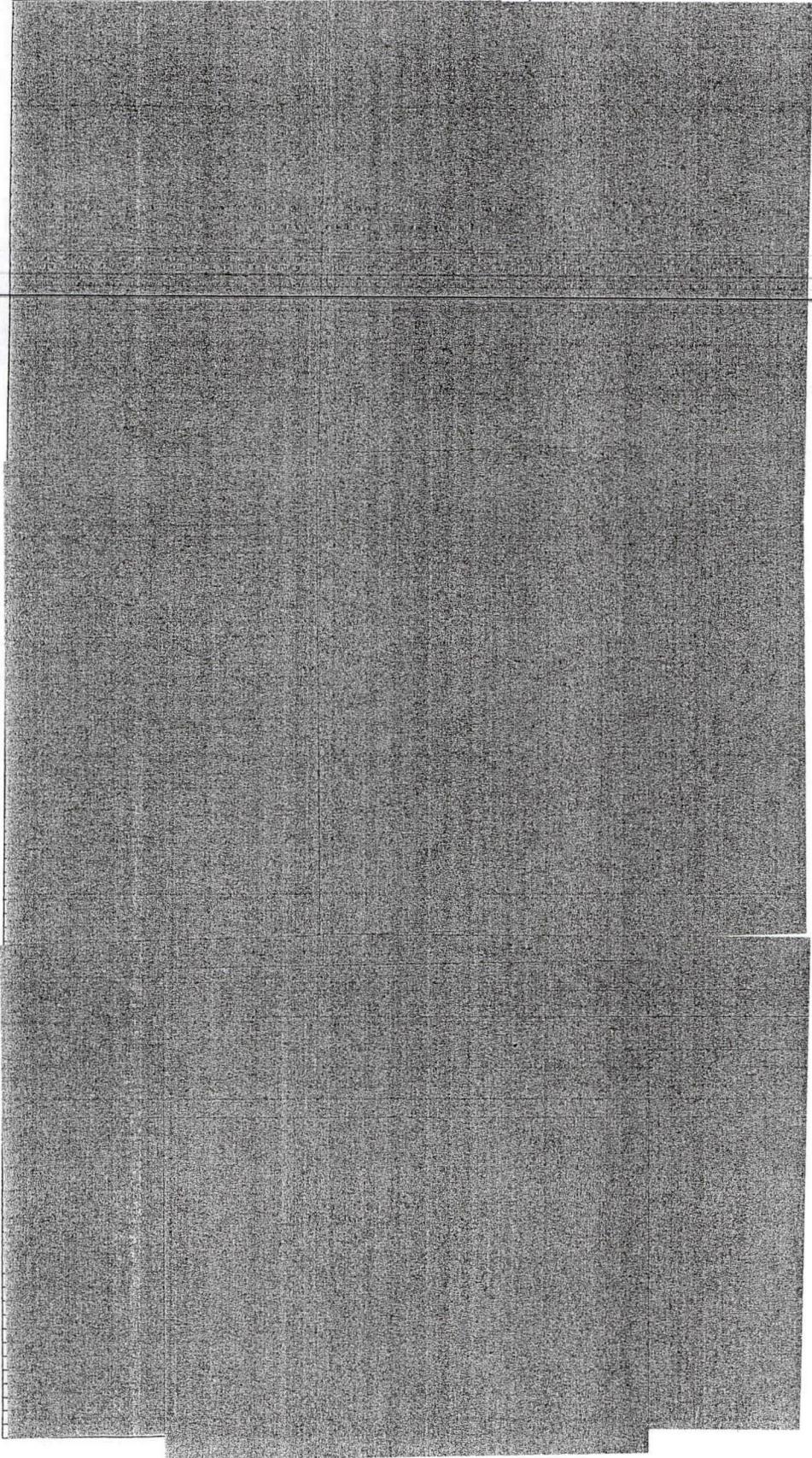
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CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2013

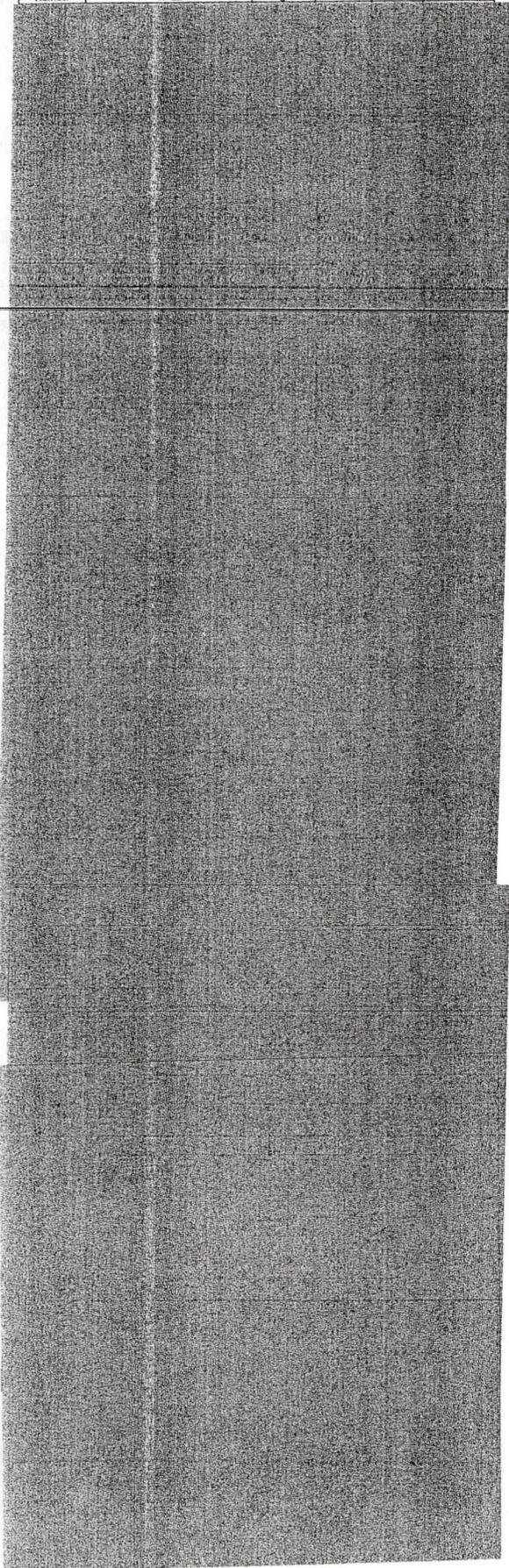
Employee Number	Title	Regular	Overtime	Bonus/Other	Sub-Total
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CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2014

Employee Number	TITLE	Regular	Overtime	Bonus/ Other	Sub-Total
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CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2015

Employee Number	Title	Regular	Overtime	Bonus/Other	Sub-Total
[REDACTED]					



CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Salary & Benefit Data by Employee - 2016

Employee Number	Title	Regular	Overtime	Bonus/Other	Sub-Total
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CONFIDENTIAL

	Health Benefits Cost	Dental Benefit Cost	Life Insurance	AB&D	401k	Retirement	Employee
	Nolin	Employee	Nolin	Nolin	Employee	Nolin	Employee
2007							
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015							
2016							



CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation ("Nolin")
CONFIDENTIAL - Case NO: 2016-00367
Director's Data

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Monthly Per Diem										
Name and Title										
[REDACTED]										



CONFIDENTIAL

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

12. Reference the Nolin Application generally. Provide copies of all studies that Nolin has conducted addressing the impact that the proposed rate design will have on the elderly, low income, fixed income and home bound segments of its ratepayer base. Provide detailed information for each specified group.

Response

No studies have been conducted. The Commission has historically indicated no one rate class should subsidize another rate class.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

13. Reference the Nolin Application generally. Provide the general wage and salary increases that have been given, or will be given, to all Nolin employees for each year between 2007 – 2017.

Response:

YEAR	AMOUNT
2007	\$264,344.64
2008	\$141,166.60
2009	\$244,242.40
2010	\$206,053.60
2011	\$173,870.92
2012	\$119,234.17
2013	\$361,621.86
2014	\$315,838.81
2015	\$194,677.92
2016	\$217,944.04
2017	Not yet available

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

14. Reference the Nolin Application generally. Provide the policies and procedures that Nolin relies upon when making the determination as to providing a wage and/or salary increase to an employee, and whether or not a performance evaluation is the basis for the increase.

Response

Refer to "Attachment 53B" and "Attachment 53C" of Nolin's responses to the Commission's First Request for Information.

Vice Presidents, managers, supervisors, superintendents and crew leaders are responsible for daily evaluations of employee's performance. Some Vice Presidents conduct performance evaluations on an annual or more frequent basis. These evaluations and the Wage & Salary Plan guide and are the basis for any increases.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

15. Refer to the Nolin Application generally. Provide a detailed list of each and every raise or bonus that an employee may be entitled to, the criteria for awarding the raise or bonus, and whether or not a performance evaluation is the basis for each.

Response

Employees at Nolin may be entitled to Christmas and/or merit bonuses that are at the Board's discretion and granted to all employees. Supervisors evaluate employee performance for merit bonus.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

16. Reference the Nolin Application generally. Provide a detailed description of the benefits package that Nolin offers its employees. Include all benefits including but not limited to health, dental, vision, disability, and life insurance plans, pension plans, 401K plans, sick time, vacation time, overtime, etc. and include all dollar amounts paid by the employee and the employer contribution of the same. Include all relevant premiums, co-pays, deductibles, etc.

Response

Refer to items #22a and #22b of Nolin's responses to the Commission's Second Request for Information.

**Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information**

17. Refer to the Nolin Application generally. Has the Company raised premiums for Employees or raised co-pays for doctor visits and/or pharmacy prescriptions In order to assist in keeping the insurance costs as low as possible?

Response

Nolin RECC 's medical insurance coverage is through a self-funded plan. There are 15 cooperatives from across the state that participate in the plan. Below is a list of cost savings measures that have been implemented over the years to help control costs of the plan.

2011

- *Changed pharmacy benefit management company from Catalyst to Navitus thus receiving deeper discounts on prescriptions
- *Modified prescription benefit by incentivizing participants to purchase less expensive medications when possible
- *Increased individual annual deductible to \$400
- *Increased office visit co-pay to \$25
- *Increased out-of-network deductible to \$800
- *Increased emergency room co-pay to \$100
- *Increased stoploss coverage from \$100,000 to \$125,000

2012

- *Modified plan to ensure retired spouses of active employees would be secondary on active employees' plan if retired spouse had coverage through former employer
- *Implemented cost savings programs through Navitus such as tablet splitting, step therapy, preauthorization.
- *Changed Medicare Part D providers from CCRX to Navitus thus allowing the plan to reduce prescription costs

2013

- *Implemented MedWatch as the plan's case management
- *Changed third party administrators from UMR to PHP
- *Changed from United Healthcare Network to Anthem Network
- *Removed directors, attorneys, and their spouses who were age 65 and older from the plan
- *Implemented Navitus vaccine program

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

2014

*Moved from Walgreens Specialty Pharmacy to Lumicera

2016

*Changed third party administrators from HealthSmart to ARC Administrators

*Implemented Live Health Online

*Changed care management from MedWatch to ARC

These measures have been beneficial to the self-funded plan as reflected in the rates. Nolin RECC's rate for medical insurance coverage did not increase from 2011 through 2015 and in 2016, only increased by approximately 3.5%.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

18. Reference the Nolin Application generally and the Direct Testimony of Michael L. Miller, Question/Answer #6 to answer the following questions:

- a. Nolin asserts that it has not met its mortgage requirements with the National Rural Utilities Cooperative Finance Corporation for 2017. Provide any and all mortgage requirements that Nolin must meet for all creditors.

Response:

Nolin is a 100% borrower from NRUCFC. Our mortgage requirements state that we must meet an average MDSC ratio of 1.35. This is the average of the two highest annual ratios for the three most recent calendar years.

The MDSC ratio for the last five years is as follows:

YEAR	MDSC
2011	.67
2012	1.57
2013	1.60
2014	1.00
2015	(.05)

- b. Provide the Times Interest Earned Ratio ("TIER") for the last five (5) years.

Response:

YEAR	TIER
2011	2.72
2012	2.84
2013	4.22
2014	2.57
2015	-0.48

- c. Provide the Operating Times Interest Earned Ratio for the last five (5) years.

Response:

YEAR	OTIER
2011	0.42
2012	0.28
2013	1.78
2014	0.51
2015	-2.43

- d. Provide the Net TIER for the last five (5) years. Also, provide a description of how the Net TIER was calculated.

Response:

YEAR	Net TIER
2011	2.72
2012	2.89
2013	4.22
2014	2.57
2015	0.62

Net TIER is calculated as follows:

$$\frac{(12 \text{ months rolling Patronage Capital} + 12 \text{ months rolling Interest on LTD} - \text{G\&T Capital Credits} - \text{Other Capital Credits})}{12 \text{ months rolling Interest on LTD}}$$

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

19. Reference the Nolin Application generally. Provide the rationale and justification for applying the large bulk of the rate increase upon the customer charge instead of upon the usage charge.

Response:

The majority of the proposed rate increase is placed on the customer charge based on the results of the COSS. The fact that the customer charge is recovering a very low percentage of the consumer-related costs, particularly those costs that are fixed and not based on demand, strongly supports an increase to that part of the rate structure.

- a. Confirm that by placing a large percentage of the rate increase upon the customer charge it will prevent its customers from having the ability to reduce their bills through less energy usage.

Response:

For all (or nearly all) of Nolin's members, a significant portion of their monthly bill is comprised of charges based on energy consumption. This will remain the case if Nolin's requested rate adjustment is approved. As revealed by the COSS, some costs to the cooperative are incurred irrespective of the amount of actual energy usage, and it is in an attempt to recover those costs that a higher monthly consumer charge is proposed. In any event, the customer will still have a usage charge and can still reduce his/her monthly bill through the use of less energy.

- b. Does Nolin admit that by placing a large percentage of the rate increase upon the customer charge it reduces the incentive to conserve energy?

Response:

Please see previous response.

**Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information**

20. Reference Nolin's Application, Exhibit D, "Official Notice" which provides the present and proposed rate structures to answer the following questions.
- a. Confirm that Nolin is proposing to increase the customer charge for Farm and Home ratepayers by 121%, in addition to increasing the energy charge per kWh.

Response

It is confirmed that Nolin is proposing to increase the Farm and Home customer charge by 121 percent and the energy charge by 1.07 percent. However, reference is made to Exhibit I to Nolin's Application, which demonstrates that for the typical Nolin customer using 1,127 kWh/month, the proposed rate adjustment will result in a bill that is increased by 11.9%.

- b. Confirm that Nolin is proposing to increase the customer charge for Prepay ratepayers by 121%, in addition to increasing the energy charge per kWh.

Response

It is confirmed that Nolin is proposing to increase the Farm and Home customer charge by 121 percent and the energy charge by 1.07 percent.

- c. Confirm that Nolin is proposing to increase the customer charge for Small Commercial and Small Power Service ratepayers by 23% but keep the energy charge the same.

Response

Nolin is proposing to raise the customer charge for the Small Commercial and Small Power Service by thirty-seven percent. The energy charge will remain the same.

**Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information**

- d. Confirm that Nolin is proposing to increase the customer charge for Large Power ratepayers by 23%, and the demand charge from \$4.95 To \$6.02.

Response

Both of the above items are confirmed.

- e. Confirm that Nolin is proposing to increase the customer charge for Industrial ratepayers from \$0.00 to \$42.50.

Response

It is confirmed.

- f. Confirm that Nolin is proposing to increase the customer charge for the Special Contract and Rate 15 (Interruptible) by 359%.

Response

It is confirmed.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

21. Reference Nolin's Application, Exhibit N. Audit. Mr. Zumstein recommended correction action due to one of the bank accounts being reconciled by an employee authorized to sign checks, and prepare checks. Did Nolin rectify this issue by having the reconciliation prepared by an employee removed from these functions as Mr. Zumstein advised? If yes, provide the date that Nolin rectified the issue.

Response:

Yes, Nolin remedied this issue effective April 2016.

**Nolin Rural Electric Cooperative Corporation
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22. Reference Nolin's Application generally. Provide a copy of Mr. Zumstein's 2016 Audit.

Response:

The 2016 audit will be available after April 14, 2017.

**Nolin Rural Electric Cooperative Corporation
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23. Reference the Nolin Application, Exhibit 7. Provide a detailed explanation for the following expenses.

a. Fort Knox Legal Defense

Response:

The United States Government threatened litigation against Nolin regarding certain provisions of the contract. The payments to DBL Law PSC, ELPO Law LLP and Dinsmore & Shohl LLP are the fees Nolin incurred in defense of the threatened litigation. Please note that these expenses were excluded from the test year and are not reflected in the revenue requirement upon which Nolin's proposed rates are based.

b. Corporate Ethics Monitor

Response:

These expenses are a result of the investigation by the United States Government. Nolin entered into a Settlement Agreement which required that during the two year term of the agreement, Nolin would be required to hire an independent Corporate Ethics Monitor. Please note that these expenses were excluded from the test year and are not reflected in the revenue requirement upon which Nolin's proposed rates are based.

c. Engineering Studies.

Response:

These expenses refer to work completed by Envision Energy Services LLC such as work order monthly inspections, ARC Flash testing, available fault current calculations and Substation demand evaluation.

Nolin Rural Electric Cooperative Corporation
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24. Reference the Nolin Application, Exhibit 7, and provide an explanation of the legal duties, and evidence of the same, that Attorney Scott performed in exchange for the monthly retainer of \$750. Additionally, explain in full what the multiple \$1,000 payments to Attorney Scott represent that are described as Medical Allotments.

Response

As to the \$750.00 monthly retainer fee that Mr. Scott is paid, his services relating to that fee are as follows:

- a.) He attends the monthly Nolin RECC board meeting, arriving at 8:30 a.m. and remaining until the end of that board meeting which is usually approximately 2:00 p.m. He then remains at Nolin thereafter conferencing with various employees concerning Nolin legal matters until 4:00 or 5:00 p.m. and sometimes later.
- b.) Other than for scheduled conference calls involving legal matters, Mr. Scott receives and makes telephone calls to management and directors of Nolin on almost a daily basis regarding various legal matters involving the Cooperative. He renders routine legal opinions to the Cooperative and to their auditors.
- c.) He attends the annual meeting of the membership.

Refer to "Attachment 24A" regarding the medical allotments.

NOLIN RURAL ELECTRIC COOPERATIVE CORPORATION

BOARD POLICY NO. 720A

SUBJECT: DIRECTOR INSURANCE PROGRAMS

I. PURPOSE:

The Cooperative feels a responsibility to see that Directors are adequately covered by insurance, which will protect them and their families in the event of unfortunate and unforeseen circumstances.

II. POLICY:

It shall be the policy of Nolin RECC to maintain group insurance coverage for its Directors and Cooperative Attorney as detailed under the provisions of this policy.

III. PROVISIONS:

The following coverage and provisions shall apply to this policy:

A. Life Insurance

1. Nolin RECC maintains a comprehensive life insurance program for active Directors and Cooperative Attorney.
2. The Cooperative pays the entire premium for this coverage.
3. The insurance coverage also provides for Accidental Death or Dismemberment (AD&D) at a level corresponding to the life insurance coverage.

B. Major Medical Group Insurance

1. The Cooperative will pay Directors and Cooperative Attorney a stipend in lieu of health insurance costs in an amount determined from time to time by the Board of Directors, unless Directors and Attorney choose to be grandfathered in under the current policy as permitted by that plan.

Board Policy No. 720A, page 2

C. Accident Insurance

1. The Cooperative shall maintain accident insurance designed to protect its Directors.
2. The Cooperative will pay all premiums for the types of policies listed below:
 - a. Business Travel Accident insurance provides payment for accidental death or dismemberment for Directors and the Cooperative attorney while traveling on Cooperative business, in accordance with the provisions of the policy.

IV. RESPONSIBILITY:

The President/CEO and Vice-President Administration and Finance.

This policy supersedes any existing policy, which may be in conflict with the provisions of this policy.

Adopted: 10-23-2012

Nolin Rural Electric Cooperative Corporation
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25. Please reference Nolin's Application, Exhibit P, concerning the Annual Meeting Costs for the years 2011-2015. The average cost of the annual meeting for these years was approximately \$108,372.80. Explain in full why Nolin did not attempt to reduce the amount of the annual meeting budget in order to conserve funds if it is experiencing financial hardships.

Response

Nolin's goal with the Annual Meeting is to reach as many Nolin members as possible and give the members attending the meeting an opportunity to meet, visit with and pose questions to the directors and employees. During the business meeting members hear reports first-hand from management and directors on the status of the cooperative. Members also hear from the Nolin Operation Round-Up board and see where their Round-Up funds are used in the community. A large part of the annual meeting expense is the cost of mailing ballots and related material to members, labor and advertising, all to try to raise the number of members voting and attending the annual business meeting of members. Members also have the opportunity while attending the Nolin Annual Meeting to visit more than twenty exhibits showcasing energy efficiency, safety, health care and education. Nolin believes it is important to keep the members informed about their business. For these reasons Nolin has not reduced the budget for the annual meeting.

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26. Does Nolin anticipate any changes in any existing contracts as a result of the new rates it seeks to implement in this filing (e.g., engineering, information technology, maintenance, etc.)? If so, identify each such change.

Response

Nolin RECC is working to reduce the number and costs of existing contracts for engineering services, fleet maintenance, and system construction. Many engineering consultation and analysis services that were previously outsourced will now be done with the existing employees. Nolin now contracts with a mechanic to improve fleet reliability and reduce maintenance and repair costs. Nolin re-bid system construction and expansion contract work to ensure Nolin is receiving competitive pricing for work performed.

Nolin Rural Electric Cooperative Corporation
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27. State whether any relative, by blood or marriage, of Nolin's Board of Directors or executive management team holds, or will hold any type or sort of position, whether as employee, officer, board member, contractor or consultant, with Nolin. If so, provide the name of the position(s) involved.

Response

Rick Ryan, Vice President Marketing and Member Services, has a brother-in-law that is an employee at Nolin.

Nolin Rural Electric Cooperative Corporation
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28. Does Nolin maintain contracts with vendors whose principals are in any manner related, by blood or marriage, to Nolin's officers, members of its Board, its employees, its independent contractors or consultants? If yes:
- a. Provide copies of any such contract, and a breakdown of how much money was spent per contract per year for the last ten (10) calendar years; and
 - b. State whether the contracts were awarded pursuant to a bid process, and if so, provide specifics of that bid process.

Response

Not to our knowledge.

Nolin Rural Electric Cooperative Corporation
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Attorney General's Initial Request for Information

29. Does Nolin have any anti-nepotism policies in place? If so, provide copies of any and all such policies, and/or memoranda referring to such policies.

Response

Refer to item #33 of Nolin's responses to the Commission's Second Request for Information.

**Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information**

30. Does Nolin employ the relatives of:
a. Any Nolin Board Member;

Response

No

30. Does Nolin employ the relatives of:
b. Any Nolin Officer;

Response

No

30. Does Nolin employ the relatives of:
c. Any Nolin Consultant; and/or

Response

No

30. Does Nolin employ the relatives of:
d. Any Nolin Employee?

Response

Five pair of employees are related in-laws by marriage.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

31. Reference the Direct Testimony of James R. Adkins, Question/Answer #10, page 5 of 7. Provide Nolin's rationale in requesting "customer service charge" to be changed to "member cost of service charge."

Response

Nolin management suggested the change from "Customer Service Charge" to "Member Cost of Service Charge" to better reflect to the members actually what the charge represents. The charge goes toward what it costs Nolin to provide electric service to a meter before any kWh is used.

Nolin Rural Electric Cooperative Corporation
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32. Reference the Direct Testimony of Michael L. Miller, Question/Answer #7, page 3 of 5. Mr. Miller states that “[l]oad growth has slowed the last few years due to the downturn in the economy causing fewer housing and commercial starts.”
- a. Explain in full detail the downturn in the economy that has occurred in Nolin’s service territory.

Response

The statement should read “The RATE of load growth has slowed the last few years due to the downturn in the economy causing fewer housing and commercial starts.”

Starting in about 2007 housing and commercial starts dropped off. Nolin still had growth during these years but much less than experienced in prior years. The recession continued for several years.

Nolin Rural Electric Cooperative Corporation
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Attorney General's Initial Request for Information

33. Reference Nolin's Application, Exhibit 3 concerning Depreciation to answer the following questions:
- Confirm that Nolin is not requesting to change its depreciation rates in the present case. If Nolin is requesting to change its depreciation rates, provide a comparison chart between the current rates, proposed rates, and the RUS Low and High rates.

Response

Nolin is not requesting a change in its depreciation rates.

- Provide a chart listing the Company's current depreciation rates for each category and the RUS Low and High rate.

Response

Please find attached the requested information. Also note that the RUS Low and High rates are not suggested rates set by RUS, however, they are rates that RUS will allow. To use rates outside the range requires a depreciation study. Nolin set its rates based on its last depreciation study.

		<u>RUS</u>		
		<u>Existing</u>	<u>Low</u>	<u>High</u>
		<u>Rate</u>		
362	Station equipment	10.25%	2.70%	3.20%
364	Poles, towers and fixtures	5.72%	3.00%	4.00%
365	Overhead conductor and devices	3.41%	2.30%	2.80%
367	Underground conductor and devices	4.14%	2.40%	2.90%
368	Line transformers	2.54%	2.60%	3.10%
369	Services	4.60%	3.10%	3.60%
370	Meters	8.28%	2.90%	3.40%
371	Security lights	3.53%	3.90%	4.40%
372	Temporary meter poles	6.94%	n/a	n/a
373	Street lighting and signals	3.53%	3.80%	4.30%

Nolin Rural Electric Cooperative Corporation
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34. Reference Nolin's Application generally. Provide an explanation as to whether EKPC pays capital credits to Nolin. If not, explain why not.

Response

EKPC has never paid any capital credits to Nolin. EKPC's Board of Directors has never voted to pay capital credits to any member cooperative. EKPC has not achieved target equity level yet.

NOLIN RECC
CASE NO. 2016-00367
Response to Attorney General's Initial Request for Information

35. Reference Nolin's Application generally. Provide the current average residential bill with customer charge for RECC's and IOUs operating in Kentucky, Ensure to include Nolin's current average residential bill as well as the proposed average bill.

Response:

Please see page 2 of 2 of this response.

Residential Service	Customer Charge	Base Rate Revenue at Various Energy Usage in kWh							
		250.00	500.00	750.00	1,000.00	1,250.00	1,500.00	1,750.00	2,000.00
Utility	Charge	250.00	500.00	750.00	1,000.00	1,250.00	1,500.00	1,750.00	2,000.00
AEP - Kentucky Power	\$ 11.00	32.99	54.98	76.96	98.95	120.94	142.93	164.91	186.90
Big Sandy	\$ 15.00	37.25	59.50	81.75	104.00	126.25	148.50	170.75	193.00
Blue Grass	\$ 14.00	35.83	57.66	79.48	101.31	123.14	144.97	166.79	188.62
Clark	\$ 12.43	35.54	58.64	81.75	104.86	127.96	151.07	174.17	197.28
Cumberland Valley	\$ 12.00	33.87	55.75	77.62	99.49	121.36	143.24	165.11	186.98
Duke	\$ 4.50	24.68	44.87	65.05	85.24	105.42	125.60	145.79	165.97
Farmers	\$ 9.35	31.59	53.83	76.06	98.30	120.54	142.78	165.01	187.25
Fleming-Mason	\$ 15.00	36.08	57.16	78.23	99.31	120.39	141.47	162.54	183.62
Grayson	\$ 15.00	42.28	69.55	96.83	124.10	151.38	178.65	205.93	233.20
Inter-County	\$ 8.97	32.52	56.08	79.63	103.18	126.73	150.29	173.84	197.39
Jackson Energy	\$ 16.44	41.06	65.69	90.31	114.93	139.55	164.18	188.80	213.42
Jackson Purchase	\$ 12.45	37.65	62.84	88.04	113.23	138.43	163.62	188.82	214.01
Kenergy	\$ 18.50	44.01	69.52	95.03	120.54	146.05	171.56	197.07	222.58
Kentucky Utilities	\$ 10.75	32.93	55.10	77.28	99.45	121.63	143.80	165.98	188.15
Licking Valley	\$ 9.32	32.71	56.10	79.48	102.87	126.26	149.65	173.03	196.42
Louisville Gas & Electric	\$ 10.75	32.35	53.95	75.54	97.14	118.74	140.34	161.93	183.53
Meade County	\$ 17.16	41.58	65.99	90.41	114.83	139.24	163.66	188.07	212.49
Nolin	\$ 9.04	30.54	52.03	73.53	95.02	116.52	138.01	159.51	181.00
Nolin Proposed	\$ 20.00	41.87	63.74	85.60	107.47	129.34	151.21	173.07	194.94
Owen Electric	\$ 20.00	41.23	62.46	83.68	104.91	126.14	147.37	168.59	189.82
Pennyrile	\$ 18.40	39.77	61.13	82.50	103.86	125.23	146.59	167.96	189.32
Salt River	\$ 8.84	28.72	48.60	68.48	88.36	108.24	128.12	148.00	167.88
Shelby Energy	\$ 10.14	32.29	54.45	76.60	98.75	120.90	143.06	165.21	187.36
South Kentucky	\$ 12.82	34.18	55.54	76.89	98.25	119.61	140.97	162.32	183.68
Taylor County	\$ 9.82	30.37	50.92	71.47	92.02	112.57	133.12	153.67	174.22
Warren	\$ 18.80	36.73	54.66	72.59	90.52	108.45	126.38	144.31	162.24
West Kentucky	\$ 23.40	48.73	74.05	99.38	124.70	150.03	175.35	200.68	226.00
Tri-County	\$ 18.00	42.77	67.54	92.30	117.07	141.84	166.61	191.37	216.14
Average	\$ 13.40	35.93	58.46	80.99	103.53	126.06	148.59	171.12	193.65
Median	\$ 12.45	35.54	56.10	79.48	101.31	123.14	144.97	166.79	188.62
February 9, 2017									J. Adkins

Nolin Rural Electric Cooperative Corporation
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36. Reference Nolin's Application, Exhibit 13 where it states that the Company is proposing to remove the Fort Knox operations from the test year to normalize the Nolin only operations, even though it records positive net margins from Fort Knox.
- a. Did Nolin remove the Fort Knox operations from the test year in the last rate case?

Response

Nolin did not remove the Ft. Knox operations from this application. Reference Exhibit S, page 2 of 2, Line 42, under Proposed Increase. The net margins from Ft. Knox operations have been included in this application. The adjustments Nolin proposed in the application were net of Ft. Knox activities to show the effects on Nolin as a stand-alone entity.

Nolin did not remove the Ft. Knox operations from its last rate application.

- b. Provide a detailed explanation justifying the removal of Fort Knox operations from the test year in the present case.

Response

Refer to Nolin's Application Exhibit S pages 1 and 3 of 4.

- c. Provide an explanation of the arrangement that Nolin has with Fort Knox, and provide any and all contracts that exist between Nolin and Fort Knox.

Response

Refer to PSC-2-20 and see attached. Please note that the attached document includes three (3) pages marked "Confidential" that are subject to a Motion for Confidential Treatment filed contemporaneously with this Response. Please disregard any highlighting in the document, as it is not meant to indicate confidential information in this instance.

**SECTION B
SUPPLIES OR SERVICES AND PRICES / COSTS**

Item No.	Supplies/Services	Quantity	X Unit Price	= Total Annual Amount
0001		1.00	Lump Sum	\$968,000.00

FORT KNOX ELECTRICAL DISTRIBUTION SYSTEM

OWN, OPERATE AND MAINTAIN THE EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX KY AND DISTRIBUTE ELECTRICITY WITHIN THE FORT KNOX MILITARY RESERVATION BOUNDARIES FOR THE PERIOD 1 JUNE 2001 THROUGH 31 MAY 2002. SOLICITATION DABT23-98-R-0039 WITH AMENDMENTS AND NOLIN RECC PROPOSAL DATED AUGUST 3, 1999 WITH REVISIONS ARE INCORPORATED INTO THIS CONTRACT.

PURCHASE REQUEST NUMBER W22PES-1131-8546

ESTIMATED COST \$968,000.00

ACRN AA Funded Amount \$968,000.00

NOTE ON AWARD AMOUNT:

AWARD AMOUNT IS AN ESTIMATE ONLY PENDING AGREEMENT ON THE FINAL ANNUAL COST OF SERVICE STUDY AS STATED IN SECTION H OF THE CONTRACT.

SECTION C
DESCRIPTION / SPECIFICATIONS / WORK STATEMENT

C.1 SCOPE AND PURPOSE.

C.1.1 Fort Knox ("Government," "Installation" or "Post"), Kentucky, seeks an electrical utility company ("Utility," "Contractor" or "Offeror") to own, operate and maintain the Fort Knox exterior electrical distribution system and contract with that Utility to distribute electricity within the Fort Knox Military Reservation boundaries. The intent of the Government is to transfer ownership of its electrical distribution system at Fort Knox to a regulated electric utility.

C.1.2 The Fort Knox exterior electric distribution system consists of primary power substations, primary and secondary conductors, transformers and necessary accessories and appurtenances for furnishing electric power at utilization voltage within the Fort Knox Military Reservation and located downstream of individual revenue metered or master revenue metered points of delivery as defined in Clause C.2.2, below.¹

C.1.3 The electric distribution system also includes:

- (a) Overhead service drops to the building or facility weather head;
- (b) Underground service drops to the disconnect or, if a disconnect is not present, to a secondary meter at the building or service;
- (c) All electric facilities at the Ireland Community Hospital greater than 480 volts;
- (d) Street or area lights and associated equipment and hardware that are powered from the exterior electric distribution system, except those at Ireland Community Hospital; and
- (e) Secondary meter devices.

C.1.4 The electric distribution system does not include:

- (a) The Fort Knox Sports Complex and range lighting systems;
- (b) Street or area lights and associated equipment and hardware that are powered from circuits within buildings;
- (c) Military airfield lighting from disconnect to lights; and
- (d) Emergency and other power generators connected to the exterior electric distribution system.

¹ See Kentucky Administrative Regulation 5:041, Section 1(5), Definitions, Distribution System.

C.2 BACKGROUND.

C.2.1 Privatization Policy. The Chief, Army Power Procurement Directorate, U.S. Army Center for Public Works is supporting the U.S. Training and Doctrine Command (TRADOC) and Fort Knox decision makers to seek an electric public utility to assume ownership of the Installation's exterior electric distribution system. The initiative is referred to as "Privatization of Government-owned Utility Systems." Privatization is defined as the transfer of ownership, responsibilities, investments, upgrade, plant replacement, continued operation and maintenance of the Army-owned utility system to the non-Department of Defense sector. The transfer of ownership of Government-owned property is subject to Department of Army authorization and Congressional notification.

C.2.2 Current Service Arrangements. Fort Knox currently receives regulated retail electric utility service from four public utilities. The Post's primary electric service supplier is Louisville Gas and Electric (LG&E), an investor-owned utility, which provides power to the Main Base and housing areas and accounts for more than 99 percent of the Post's total annual energy requirement. The relatively small electric power requirements for a number of isolated sites are provided by three rural electric cooperatives (RECs), namely, Nolin, Salt River and Meade County RECs. The four public utilities provide service to individual revenue metered or master metered points of delivery, which mark the connections between the downstream electric distribution system currently owned by the Government and dedicated to the Government's exclusive use and the upstream electric distribution systems owned by the respective utility companies and used to provide electric utility service to the general public. The provision of retail electric utility service to existing or future master-metered points of delivery is not within the scope of this contract. The Government will continue to purchase power under its existing contracts at this time.

C.2.3 Economic Benefit Certification. The Government cannot guarantee that it will enter into a contract at the end of the solicitation process. The award of a privatized utility service contract is contingent upon the ability of the Government to certify to Congress that the long-term economic benefit of a conveyance of the Government-owned electric distribution system exceeds the long-term economic costs, and the conveyance will reduce the long-term costs for the provision of electric utility distribution service. The Government shall not be held responsible for the cost of an offeror's proposal.

C.3 REQUIREMENT.

Subject to the terms and conditions hereinafter set forth, the Utility shall furnish all facilities, labor, materials, tools and equipment necessary to own, maintain and operate and shall accept full liability for the Fort Knox electric distribution system. The Utility shall manage the operation, maintenance, repairs, replacement, extension and/or removal of all or portions of the electric distribution system to ensure adequate and dependable electric service is distributed to each Government or tenant connection within the service premise.

C.4 OWNERSHIP AND DISPOSITION OF FACILITIES

C.4.1 Ownership. It is the intent of the Government to convey all electric distribution facilities at Fort Knox to the Contractor and that the Contractor shall assume full ownership and associated liabilities of such facilities.

C.4.2 Secondary Meters. The Utility shall assume full ownership of all existing secondary meters. The cost associated with the maintenance, operation, calibration and replacement of these meters shall be incorporated into the prices for distribution system ownership. The Government reserves the right to have the Utility install meters on any or all buildings served by the distribution system and to provide an appropriate secondary meter reading and reporting service in order to facilitate the Government's energy conservation or other objectives. The cost associated with any secondary metering requirements shall be allocated to Fort Knox through charges based on the Annual Cost of Service Study (COS Study) as provided for in Clause H.1. Currently, meter reading is not a part of this contract.

C.4.3 Tools and Equipment. Government-owned tools, vehicles and equipment that are not a physical part of the electric distribution systems and are used by the Government for system operation and maintenance shall remain the property of the Government.

C.4.4 Disposition of Removed or Salvaged Materials. The removal and disposition of electric distribution facilities and materials that are not used and useful for the purpose of providing electric distribution services within the Installation shall be the responsibility of the Contractor. The net value, if any, of such scrapped or salvaged facilities or material shall be credited against the annual operation and maintenance costs in the fiscal year that they are removed from service. At the discretion of the Government, the Contractor shall remove and as necessary replace Polychlorinated Biphenyls (PCB) transformers and/or PCB-contaminated transformers. The disposition of removed transformers shall be in accordance with the Toxic Substances Control Act (TSCA) and Kentucky Regulations.

C.4.5 Contractor's Facilities. Unless otherwise provided for in this contract, the Contractor shall furnish, install, operate and maintain all facilities required to furnish the service hereunder. Title to all of these facilities shall remain with the Contractor. All facilities installed within the service premise must be sited and approved prior to construction by the Fort Knox Directorate of Base Operations Support (DBOS).

C.4.6 Electric Distribution System Drawings. The Government shall furnish available drawings and related engineering and property information to the Contractor within sixty (60) days of contract award. Such available drawings of the electric distribution system may not be comprehensive. Drawings and related real property information shall include, but not be limited to, electric distribution system facilities and structures and related system components. The Contractor shall thereafter incorporate the entire privatized electric distribution system into an automated Geographical Information System (GIS) or equivalent system within six (6) months of the receipt of the Government-furnished information. The Contractor shall maintain "as built" drawings for all facilities installed by the Contractor on the service premise and shall include all such installed facilities in its GIS or equivalent system within ninety (90) days of such installation. Upon reasonable request and with reasonable notice, the Government may inspect and copy such drawings and the Contractor shall provide available drawings to the Government in an appropriate electronic format.

C.5 SPECIFIC PREMISE TO BE SERVED.

The service premise includes all facilities that use electricity within the Fort Knox Military Reservation. See map, Section J.

C.6 ELECTRIC PUBLIC UTILITY.

C.6.1 The Contractor shall, during the entire term of this contract, be an electric public utility providing retail electric service to the general public within certified territories in the Commonwealth of Kentucky within all or portions of Hardin, Meade, Bullitt or Jefferson Counties and, as such, shall be subject to the service, economic and other applicable rules and regulations of the Kentucky Public Service Commission (PSC) within its certificated service territory. An electric public utility is a business enterprise that renders electric service that is considered essential to the public and, as such, is subject to regulation in the public interest and includes an obligation to provide service to all qualifying customers within its operating territory.

C.6.2 The service premise is wholly or predominantly an area of exclusive Federal jurisdiction, within which the rules and regulations of the PSC with respect to the provision of electric distribution service, to include but not be limited to obligations and proscriptions related to retail electric service within certified territories, may not apply. The Contractor shall nevertheless fully cooperate with Fort Knox should the Post, at its discretion, determine that it is within its best interest to modify its jurisdictional prerogatives to bring all or portions of the service premise under the direct regulatory purview of the PSC.

C.7 INTERRUPTION / EMERGENCY RESPONSE.

C.7.1 Continuity of Service. The Contractor shall make all reasonable efforts to prevent interruptions of service, and when such interruptions occur shall endeavor to reestablish service with the shortest possible delay. Whenever service is necessarily interrupted or curtailed for the purpose of working on equipment or facilities, it shall be done at a time, if practicable, that will cause the least inconvenience to Fort Knox.²

C.7.2 Service Interruption Plan. The Contractor shall maintain and provide copies to DBOS of a Service Interruption Plan that addresses procedures and notification provisions for service interruptions. Such plan shall address localized interruptions within Fort Knox, widespread interruptions within Fort Knox and widespread interruptions that affect more than Fort Knox. For widespread interruptions, such plan shall address the Installation's restoration of power priorities both within the Installation and relative to off-Post electric utility service customers of the Contractor. The Service Interruption Plan shall incorporate the Installation Restoration of Power Priority List as provided in Section J, as modified and/or updated at the discretion of the Government.³

C.7.3 Minor Problems/Service Requests. The Utility shall be able to respond to Fort Knox's requests/problems during normal duty hours and non-duty hours. Such requests/problems may include, but are not limited to, the repair of individual street lights, requests for service to newly constructed or relocated facilities and requests for upgrades to existing services, such as putting overhead distribution line underground. The Utility also shall clearly identify any difference in service request procedures that apply to routine and to emergency matters. The Government shall be responsible for the dissemination of such procedures within the Installation.

C.7.4 Interruptions (Normal working hours: 7:00 a.m. - 4:00 p.m., Monday through Friday). The Utility generally shall respond to a power interruption during normal working hours and

² See Kentucky Administrative Regulation 5:041, Section 5, Maintenance or Continuity of Service.

³ The clause clarifies that the Priority List is not static and is subject to change to meet Fort Knox's evolving mission and service requirements.

begin to work on the problem within forty-five (45) minutes of the occurrence for interruption within or near the Cantonment area and within seventy-five (75) minutes of the occurrence for interruptions not within or near the Cantonment area (the Cantonment area is identified in the Section J map). A power interruption is defined as loss of power from one or more buildings, one or more distribution circuits or the entire Installation. The Utility shall have in place a mechanism, a means or procedure by which Fort Knox's DBOS personnel can quickly notify the Utility of the interruption. If there is an order of precedence of numbers/Utility personnel to call, the Utility shall clearly define that precedence.

C.7.5 Interruptions (Outside of normal working hours). The Utility generally shall respond to a power interruption outside of normal working hours and begin to work on the problem within ninety (90) minutes of the occurrence. The Utility shall have in place a mechanism, a means or a procedure by which Fort Knox's DBOS personnel can quickly notify the Utility of the interruption. If there is an order of precedence of numbers/Utility personnel to call, the Utility shall clearly define that precedence.

C.7.6 Special Conditions. In the event of special situations such as a national/state emergency, military exercise or alert, the Utility shall have a plan in place under which standby personnel may be positioned to handle short notifications of power interruptions and/or electrical conditions. Such plan, subject to reasonable and appropriate modifications as may be agreed upon by the parties, shall be implemented upon notification by the DBOS. The Government reserves the right to adjust the Utility's response time as the condition may warrant. DBOS personnel will give the Utility reasonable advance notification of the event.

C.8 COORDINATION OF WORK ON POST.

C.8.1 Routine Work. Routine work, such as the scheduled placement or retirement/removal of poles, transformers, conductors, lighting, services and meters, shall be coordinated with the Fort Knox DBOS on at least a monthly basis, to ensure minimal adverse impact to the Post's missions and operations. Points of contact shall be provided by the DBOS and the Contractor for coordination, except as noted herein.⁴

C.8.2 Service and Trouble Calls. The Contractor's 24 hour Service Office telephone number shall be published on the Post. The Government or contractor employee responsible for the building or facility experiencing service outages or trouble shall call the appropriate office to report this outage. The Government shall provide and periodically update a list of employees authorized to make trouble calls. The Contractor shall record service outage calls, documenting time of call, time of service restoration and cause of the outage. This information shall be provided to the Fort Knox DBOS on a monthly basis.

C.8.3 Connections/Disconnections. The Contractor shall be responsible for adding additional temporary or permanent service points and/or deleting service points that are no longer required. A

⁴ The designation of one or more points of contact is desirable to minimize service costs and maintain proper management oversight of the system. This is also consistent with the treatment of the Post as a single service customer. It would be difficult to otherwise maintain control, especially if anyone could place a service call knowing that they would not be directly responsible for any resultant service charge. The DBOS at its discretion can designate contact points within the housing or other offices within the Post.

single point of contact shall be provided by each party for coordination. Any costs for these connections/disconnections should be incorporated into the Annual COS Study.

C.8.4 Scheduled Service Interruptions. The Contractor shall cooperate with the Government and contractors of the Government to facilitate scheduled service interruptions to allow construction/repairs within the Installation. To the extent practicable, scheduled interruptions shall be coordinated with the DBOS ten (10) working days prior to the scheduled interruption. The Government reserves the right to either disapprove a scheduled service interruption or to cancel at any time, before or during, a scheduled electrical outage if such interruption might adversely affect Government missions and operations; provided, however, that the Contractor shall not be required to take any action that would, at the Contractor's discretion, pose an immediate threat to the public health or safety. In the event of such disapproval or cancellation, the parties shall coordinate a mutually-acceptable alternative time for the scheduled interruption.

C.8.5 Digging Permits and Notifications.

C.8.5.1 The Contractor shall subscribe to and comply with "call-before-you-dig" or "one-call" notification services in Kentucky. Notification of an intention to dig shall include the name, address and phone number of the person making the request and the exact location, extent, nature and duration of the excavation. The Contractor shall maintain a log of requests to mark electric distribution facilities, using a number to track requests and permits. All parties shall record and refer to tracking numbers in correspondence. Digging without notification and permit shall be at the risk of the party performing work, and such party shall be liable for all damages and repairs. No routine, non-emergency, digging or excavation shall be performed within the service premise after 1600 hours on weekdays or anytime on weekends, unless prior approval is obtained.

C.8.5.2 In addition to "call-before-you-dig" notification, the Contractor shall also notify the following offices at least 72 hours prior to digging: DBOS, HVAC Branch to locate heating lines at (502) 624-3848; DBOS, Exterior Plumbing Branch to locate water, gas and sewer lines at (502) 624-5954; and Directorate of Information Management (DOIM), Telephone Support Branch to locate phone lines at (502) 624-4444.

C.8.6 Special Access Areas. Certain areas of the Fort Knox military reservation; e.g., U.S. Bullion Depository, Range Complex, security areas; typically require advance notice prior to entry onto the service premises. Contractor employees shall comply with those special entrance procedures.

C.9 UNDERGROUND OR OVERHEAD SERVICE.

The Utility shall comply with written requests by Fort Knox regarding the placement of existing or new distribution facilities either overhead or underground, unless to do so would cause the Utility to violate any applicable law or regulation or would be inconsistent with sound utility operational practices.⁵

⁵ This clause gives the Army control over whether lines should be overhead or underground. The Army may require underground lines for aesthetic or other reasons. Conversely, overhead lines may be preferred if this is a least-cost service option. Kentucky Administrative Regulation 5:041, Section 21, which establishes a uniform requirement to underground specified distribution facilities within new residential subdivisions, would not apply within the enclave and would not apply to the Post's existing housing stock.

C.10 ELECTRIC SYSTEM INVENTORY.

See Inventory Summary, Section J.

C.11 PERFORMANCE STANDARDS.

C.11.1 Unless otherwise provided for in this contract, the Contractor shall perform its required service in accordance with its standard construction, operations, maintenance, management, safety and other relevant standards, written and otherwise, that apply to its public utility service customers whose service characteristics, either individually or collectively, are comparable to the service characteristics for Fort Knox. To the extent practicable, such service shall be in accordance with the administrative regulations of the PSC.

C.11.2 Energy shall be distributed by the Utility in such a manner as to prevent undesirable effects upon the operation of standard services or equipment on the Contractor, Fort Knox and other, upstream utilities.⁶

C.11.3 The Contractor shall construct, operate and maintain its electric distribution system facilities in accordance with good accepted engineering practices. Unless otherwise specified by the PSC, the Contractor shall use applicable provisions in the following publications as standards of accepted good engineering practice for the construction and maintenance of facilities, herein incorporated by reference:⁷

C.11.3.1 National Electrical Safety Code; ANSI C-2, 1997 Edition or as updated.

C.11.3.2 American National Standard Code for Electricity Metering; ANSI C-12.1, 1982 Edition or as updated.

C.11.3.3 USA Standard Requirements, for Instrument Transformers; ANSI Standard C57.13, 1978 Edition or as updated.

C.11.3.4 Rural Utilities Service Standards, as promulgated by the Rural Utilities Service (RUS) and documented in RUS bulletins. The Contractor may propose and the Government may authorize the use of one or more alternative standards; provided, however, that such alternative standards are substantially comparable to one or more applicable RUS standards and provided further that such alternative standards are fully consistent with the standard(s) the Contractor routinely applies for the provision of public utility distribution service within its certificated service territory.

C.11.4 Notwithstanding any other provision of this contract, and without the written concurrence of the Government, any and all rules or regulations of the PSC related to defining each retail service point of delivery as an independent customer or prohibiting master metering shall not apply to any building or facility within the service premise connected to the electric distribution system.⁸

⁶ See Kentucky Administrative Regulation 5:041, Section 2, General Requirements.

⁷ See Kentucky Administrative Regulation 5:041, Section 3, Acceptable Standards.

⁸ See Kentucky Administrative Regulation 5:041, Section 9, Measuring Customer Service, General Requirements, and 5.046, Prohibition of Master Metering.

C.11.5 Notwithstanding any other provision of this contractor, the Contractor shall not modify any electric distribution facilities prior to 1 October 2001 to conform to applicable standards unless to do so is reasonably necessary to protect the public health and safety or to reasonably provide for the provision of safe and reliable service, except as agreed to by the parties pursuant to the annual service plan. The purposes of this clause are to provide for an orderly transition from the standards employed for the Government-owned system to those employed for a Contractor-owned system, to minimize the Government's assigned cost of service and to minimize the Government's liability associated with the termination of related Government supply or service contracts that have been awarded or are in the process of award.

C.12 COMPLIANCE WITH ENVIRONMENTAL AND SAFETY LAWS/CODES:

C.12.1 The Utility shall comply with all Federal, state and local environmental and safety laws and shall be responsible for environmental assessments, studies and coordination applicable to Federal, state and local agencies required to execute its responsibilities under this contract. This shall include, but not be limited to, the provisions of Superfund Reauthorization and Recovery Act (SARA Title III); Emergency Planning and the Community Right to Know Act (EPCRA) (48 CFR 1: 11:23; &52); Executive Order 12856; Endangered Species Act; Federal Facilities Compliance Act; Title 40 Code of Federal Regulations, Parts 1-799; Title 401 Kentucky Administration Regulations (KAR), Chapters 4 through 65; 36 CFR 800 and the National Historic Preservation Act; the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES); 401 (KAR), 5:001 through 5:080 and Kentucky Revised Statutes (KRS) 224.70-120, Chapters 13 and 224, the Federal Water Pollution Control Act; the Federal Insecticide, Fungicide and Rodenticide Act; Army Regulation 420-76; the National Electrical Safety Code (NESC) and the Environmental Protection Agency Regulations on Polychlorinated Biphenyls (40 CFR Part 761).

C.12.2 The Fort Knox military reservation potentially has unexploded ordnance in its range area. Unexploded ordnance training and familiarization will be required in order to access the range complex and to be alerted to underground ordnance practices.

C.13 BILLING METHODOLOGY.

All services rendered by the Utility shall be billed on monthly invoices to the Fort Knox DBOS, with a copy provided to the Directorate of Contracting.

C.14 METERING AND PAYMENT.

The Utility's invoice/bill shall contain data to substantiate the billing at the end of the monthly billing period. This shall include a calculation of the Monthly Electric Distribution System Service Charge in accordance with the Table H-1 format, as well as any additional data as may be reasonably required by the Contracting Officer.

C.15 EASEMENT AND RIGHT-OF-WAY.

C.15.1 The Government shall provide easements and/or right-of-way access to the equipment and/or facilities conveyed to the Contractor. A sample easement agreement is provided in Section J. The Contractor shall be responsible for obtaining easement and/or rights-of-way for access to equipment and/or facilities not conveyed by this contract and for any new or rerouted systems to be covered or to be under this contract. Requests for easements and/or rights-of-way shall be submitted to the DBOS for approval.

C.15.2 The Contractor shall perform tree trimming and right-of-way maintenance. Any easement and/or right-of-way that shall result in the trimming and/or removal of trees shall be contingent upon environmental and historical considerations. Tree trimming and right-of-way maintenance activities shall be coordinated with the DBOS to assure compliance with applicable environmental assessment, endangered species and other applicable requirements and limitations.

C.16 ACCESS TO THE INSTALLATION.

C.16.1 Permit or License. The Government shall grant the Contractor a revocable permit or license to enter the service premises for any proper purpose under this contract, subject to certain restrictions. This permit or license includes the use of the site or sites agreed upon by the parties for the installation, operation, maintenance and repair of the facilities of the Contractor located within the service premise. Contractor personnel may be required to obtain specialized identification cards or badges to enter the installation, particularly secured or limited access areas.

C.16.2 Routine Access. The Contractor shall be authorized routine access for system operation and maintenance, restoration of service or meter reading.

C.16.3 Contractor Vehicles. The contractor shall display its name on each side of vehicles used by the contractor on post for the performance of this contract.

C.17 JOINT USE OF UTILITY POLES.

C.17.1 The Contractor shall prepare and the Government shall execute a Joint Use Agreement which allows the Government to utilize pole space at no charge. The Contractor shall submit a proposed Joint Use Agreement which includes provisions for the Post's telecommunications lines and other Government-owned signal systems.

C.17.2 The Contractor shall execute joint-use agreements with the Post's local telephone service providers and television/cable service companies. These agreements shall be consistent with the Government's regulation and/or franchise of service providers/companies and shall define: responsibilities of the joint use parties; annual charges for attachment for each pole; space allowances on the pole line for each user; the charge for replacement of poles for additional height (at the user's request). All joint use attachment agreements shall be at no charge unless the Government concurs in writing to the contrary.

C.17.3 Any revenue or fees collected from the service providers/companies pursuant to any Joint Use Agreement shall be flowed through to the Government in the form of an appropriate credit on monthly invoices to the Post for electric distribution service.

C.18 JOINT USE OF A UTILITY DUCTBANK.

The Government reserves the right to utilize existing or replacement ductbank on the service premise without charge where existing supply and/or signal/communication cables are installed with supply cables to be transferred to the Contractor; provided that signal and/or communication cables shall not use common manholes if such use is not allowed by applicable code provisions or is inconsistent with generally acceptable utility operation practices. Such ducts shall be identified by the Contractor.

C.19 SUPPORT SERVICES/UTILITIES.

In the event that the Contractor locates electric distribution system support facilities on the service premise, the Government may provide the following services and utilities, as may be reasonably required for the direct support of the provision of electric distribution service to Fort Knox, to the Contractor at no cost:

- a. Natural Gas,
- b. Electricity,
- c. Sewage,
- d. Potable water, and
- e. Household-type refuse collection.

C.20 SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) SYSTEM

Upon the request of the Government, the Contractor shall modify, expand, own and/or operate a Supervisory Control and Data Acquisition (SCADA) system to provide enhanced electric distribution service reliability to all or designated portions of the electric distribution system, the cost of which shall be incorporated into the Annual Cost of Service Study. Such SCADA system may, at the discretion of the Government, be limited to monitoring and supervisory functions or may incorporate control features.

C.21 ONSITE GENERATION.

The Government reserves the right to operate existing or to install new onsite power generation facilities that are connected to the Installation's exterior electric distribution system. Such generation may be used to provide emergency power for mission-critical loads, reduce the Installation's peak power requirements or for any other purpose that is consistent with the provision of electrical power by the applicable upstream utility service provider. Within six (6) months of contract award, the Contractor shall submit a Least Cost Generation Plan for the optimized operation of new or existing generation facilities. Such plan shall consider, among other things, tradeoffs between reduced master-metered upstream electric service requirements and variable and/or fixed operating costs, impacts on service reliability and consistency with the regulations of the upstream retail service providers. Upon the request of the Government, the Contractor shall install, own and operate such new or existing onsite generation, the cost of which shall be incorporated into the Annual Cost of Service Study.

C.22 COMMENCEMENT OF SERVICE.

The Contractor shall be ready to provide electric utility distribution service to the Installation within sixty (60) days of contract award. The commencement of service shall occur at the beginning of the initial Annual Cost of Service Study period.

C.23 DURATION OF CONTRACT.

The term of this contract shall extend from date of contract award for a period of five (5) years unless sooner terminated under the terms and conditions of the contract (See paragraph H.13 for any termination liability).

C.24 GUARANTEE OF EMPLOYMENT.

The Contractor shall guarantee a minimum of one-year employment to Government employees who have been or will be adversely affected by the establishment of this contract and who desire employment with the Contractor. This guarantee applies to comparable positions for which the employee is qualified, if consistent with post-Government employment conflict of interest standards. This guarantee does not prohibit release of an employee during the one-year period for failure to perform his or her duties in accordance with the Contractor's personnel policies.

C.25 LIST OF DELIVERABLES

Provided below is a list of contract deliverables with a reference to the contract clause establishing the deliverable requirement.

<u>Deliverable</u>	<u>Reference</u>
a. Automated Geographical Information System	Clause C.4.6
b. Service Interruption Plan	Clause C.7.2
c. Record of Service Outage Calls	Clause C.8.2
d. Monthly Service Invoice	Clause C.13
e. Joint Use Agreements	Clause C.17.2
f. Least Cost Generation Plan	Clause C.21
g. Draft Annual Cost of Service Study	Clause H.1.1
h. Final Annual Cost of Service Study	Clause H.1.4
i. Addendum to Final Annual Cost of Service Study	Clause H.1.5

C.26 TRANSITION / PHASE-IN PERIOD.

C.26.1 A two-part phase-in period will be necessary to insure that the Contractor is completely familiar with the working environment and equipment used in connection with this contract. The first part will consist of a briefing by Government technical personnel on the requirements of the operations and a tour of the utility system. The Government shall also provide information concerning existing contracts, permits, capital improvements, special service requirements and other applicable information as may reasonably be needed by the Contractor to facilitate transitional planning and implementation. This part of the phase-in period will be conducted prior to the Contractor's commencement of service.

C.26.2 The second part of the phase-in period shall commence on the first day of contract performance and continue for a maximum of ninety (90) days. During this period, Government personnel shall provide on-the-job training to Contractor personnel in all areas of the operation of the Fort Knox electrical distribution system. Subsequent to this training period, the Contractor shall be expected to perform all operations without Government involvement.

SECTION E
INSPECTION AND ACCEPTANCE

E.1 INSPECTION.

Inspection of services to be furnished hereunder will be made by the Director, Directorate of Base Operations Support (DBOS), Fort Knox, Kentucky, or his authorized representative.

E.2 ACCEPTANCE.

Final acceptance of services furnished hereunder will be made by the Contracting Officer.

**SECTION G
CONTRACT ADMINISTRATION DATA**

G.1 PAYMENT. Payment will be made by DFAS Lexington, Bluegrass Station, ATTN: Vendor Pay Branch, PO Box 14063, Lexington KY 40512-4063. Telephone number for payment inquiries is 606-293-4344.

G.2 INVOICES. The contractor shall submit invoices to the Directorate of Base Operations Support (DBOS), Building 1110-A, 3d Floor, Fort Knox KY 40121-5000.

G.3 CONTRACT ADMINISTRATION. All contract administration will be effected by the Contracting Officer; Directorate of Contracting, Contract Administration Division, Building 4022, Fort Knox KY 40121-5000. Changes in or deviation from the scope of work shall not be effected without a written modification to the contract executed by the Contracting Officer.

G.4 ACCOUNTING AND APPROPRIATION DATA.

AA: 211202000001571050325779J3000252G000000W22PES11318546D19750S15014
AMOUNT: \$968,000.00

SECTION H SPECIAL CONTRACT REQUIREMENTS

H.1 ANNUAL COST OF SERVICE.

H.1.1 The Contractor shall submit a Draft Annual Cost of Service Study ("Draft COS Study") for Fort Knox to Fort Knox DBOS. Such Draft COS Study shall identify the scope and costs to operate, maintain, repair and/or replace all or portions of the electric distribution system, consistent with the requirements as identified in Section C - Description, Specifications, Work Statement, during the succeeding fiscal year. The Contractor's estimated direct cost may include direct labor, materials, equipment, supplies and purchased services.

H.1.1.1 The estimated direct cost may be burdened by applying the Contractor's standard engineering and supervisory overhead rate(s) and administration and general (A&G) rate(s). A fixed margin as set forth on Line A-1 of Schedule L-1 shall be applied to burdened direct costs.

H.1.1.2 The Draft COS Study shall include applicable franchise fees and other similar costs that are associated with the Contractor's ownership and operation of the Installation's electric distribution system; provided, however, that the incidence of such fees or similar charges was duly identified by the Contractor in Schedule L-1. There shall be a direct flow-through of these fees to the Government. Neither burden rates nor margins shall be applied to these costs. The Contractor shall notify the Government within thirty (30) days of any change in the rates for such fees.

H.1.1.3 Property Taxes. The Contractor shall not include a cost for property tax in the Draft COS Study or Schedule L-1. The Government does not consider property tax applicable to the Contractor's ownership and operation of the Installation's electric distribution system. In the event a property tax becomes applicable, there shall be a direct flow-through of this tax to the Government as stated in paragraph H.1.1.2.

H.1.2 Each Draft COS Study shall include a five-year Capital Improvement Plan that identifies major distribution system facility expansions, replacements, relocations or abandonments as may be needed to conform the electric distribution system to the Contractor's safety and operational standards or to accommodate Government-forecasted changes in electrical power requirements. The Capital Improvement Plan shall include a description, statement of need, estimated installed cost, project schedule and coordination actions for each capital improvement item or class of improvement.

H.1.3 The initial Draft COS Study shall be submitted within ninety (90) days of contract award and shall cover the scope and estimated costs for the remainder of the current Government fiscal year. Thereafter, the Draft COS shall be submitted on or before 30 April of each year and shall cover the scope and estimated costs for the following Government fiscal year.

H.1.4 The Government may request clarification or modification of any Draft COS Study within a forty-five (45) day period from the submittal of each such study. The Contractor shall respond to the Government's comments within a sixty (60) day period from the receipt of such comments. The Contractor shall not be required to modify its Draft COS Study to incorporate Government comments if, at the Contractor's discretion, such changes might adversely affect the public health and safety or are not consistent with the Contractor's operating standards and procedures for distribution service to customer classes with service requirements substantially similar to the requirements at the individual distribution system service drop delivery points. The Contractor shall

submit its Final Annual COS Study within one hundred and twenty (120) days of the submittal of each Draft Annual COS Study.⁹

H.1.5 The Contractor shall further submit an Addendum to the Final COS Study within sixty (60) days from the start of each Government fiscal year. Such Addendum shall contain a comparison of actual and estimated cost of service costs for the prior fiscal year. The difference between actual and estimated costs shall be identified as the "True-Up COS."

H.2 NOTICE OF EXTRAORDINARY AND EMERGENCY REPAIRS AND REPLACEMENTS.

H.2.1 The Contractor shall notify the Government if annual COS Study expenditures in any given fiscal year are expected to vary from the estimated annual costs in any Final COS Study for that year by the greater of plus or minus (+/-) ten percent (10%) or One Hundred Thousand Dollars (\$100,000), in 1998 dollars. Such notification shall be made as soon as the Contractor realizes that a variance within the indicated parameters will or might occur. Said notification shall contain an addendum to or modification of the Final COS Study which identifies the cause(s) of the variance and, as pertinent, recommends major changes to the work scope covered by said Final COS Study. The Government may provide comments on the addendum or modification to the Contractor for informational purposes only.

H.2.2 The Contractor shall provide written notification to the Government of the need for emergency repairs and/or replacements that are expected to exceed an annual cumulative value of Fifty Thousand Dollars (\$50,000), in 1998 dollars, during any COS Study period.

H.3 RATE STABILIZATION CAPITALIZATION FINANCING.

H.3.1 The need to correct safety hazards, conform the distribution system to Contractor's operating standards, repair or replace major system components or extend electric distribution service to new service locations may substantially increase the annual electric distribution system costs that are directly assignable to the Government. In order to provide a mechanism for the Government to levelize distribution system spending from year-to-year and to achieve rate stabilization objectives, the Contractor shall maintain a capability to finance Annual COS Study costs for Fort Knox for an outstanding Capitalization Principal of not less than Seven Million Dollars.

H.3.2 As part of the Annual COS Study review process, the Government may direct that all or a portion of the recommended annual costs shall be financed up to the available financing amount; provided, however, that such financing shall not be for less than Two Hundred and Fifty Thousand Dollars (\$250,000), in 1998 dollars, in any COS Study period. The Contractor may, at its discretion, provide financing that causes the outstanding Capitalization Principal amount to be exceeded or provide financing for less than Two Hundred and Fifty Thousand Dollars (\$250,000) in any COS Study period.

⁹ The time periods are intended to complete the COS review process well before the end of each Government fiscal year.

H.4 REPAYMENT OF CAPITALIZATION PRINCIPAL.

H.4.1 The Government shall repay any Capitalization Principal on an amortized basis. For calculating the monthly amortized payment for each cost-of-service-period, the principal amount shall be the Capitalization Principal, the amortization period shall be one hundred and twenty (120) months and the annual interest rate shall be equal to the yield-to-maturity for 10-year United States Treasury bills at the beginning of each cost of service period, as reported by Telerate Systems, plus the fixed Treasury bill basis point adjustment as set forth on Line A-2 of Schedule L-1.

H.4.2 The Government may prepay the outstanding Capitalization Principal for any cost of service period or combination of periods, in whole or in part; provided, however, that any prepayment shall be in principal increments of not less than Two Hundred and Fifty Thousand Dollars (\$250,000), in 1998 dollars. A prepayment charge shall apply to such prepayments that shall be equal to the net present value of the sum of the remaining monthly payments for the principal that is to be prepaid. The sum of the remaining monthly payments shall be discounted to the date of the prepayment, assuming for purposes of the calculation that the initial monthly payment is made on such date and that subsequent monthly payments are on the same day of each month thereafter, at an interest rate per annum that is equal to the yield-to-maturity, as reported by Telerate Systems, of a United States Treasury obligation for the period which most closely approximates the remaining term of the payment period, plus the same basis point adder set forth in Clause H.4.1, above.

H.4.3 The amortized payment applicable to each cost of service period shall continue until such time as the Capitalization Principal for that period, and all interest accruing thereon, shall be completely repaid to the Contractor. Such repayment may be in the form of amortized payments or prepayments or a combination thereof.

H.4.4 The Government and the Contractor may by mutual agreement establish an alternative basis for the repayment of the Capitalization Principal; provided, however, that the Government's cost under such alternative basis shall be comparable or less than the Government's cost as determined by the basis as set forth in Clauses H.4.1 through H.4.3. Any alternative basis shall be based on indexed interest rates that are independently established and that are generally available to qualifying individuals or businesses. Examples of an alternative basis are a prime interest rate, a certificate of deposit rate, the variable rate for business development loans issued by the national Rural Utilities Cooperative Financial Corporation or a rate of return or rate of return on equity authorized by either the Kentucky PSC or the Federal Energy Regulatory Commission (FERC).¹⁰

H.5 RATES AND CHARGES.

H.5.1 *Rate Structure.* The Rate Structure for electric utility distribution service shall consist of three parts: a monthly "Electric Distribution System Service Charge," a monthly "Government Facility Purchase Charge," and a monthly "Government Facility Purchase Credit."

H.5.2 *Electric Distribution System Service Charge.* The monthly Electric Distribution System Service Charge shall be based on the estimated operations, maintenance, repair, extension and replacement costs from the Final COS Study, as adjusted for any True-Up O&M cost, capitalization

¹⁰ This clause establishes a change in the prepayment basis as being within the scope of the contract. An alternative basis may reduce a contractor's risk (and hence the Post's cost) and allow greater budgetary flexibility. The comparable cost provision does not allow an Offeror to, in essence buy into the contract.

principal, amortized payments and franchise fees, divided by the number of months in the billing year covered by said COS study. Said monthly charge shall be determined by the formula as follows and as illustrated in the Example Calculation of Monthly Electric Distribution System Service Charge provided as Table H-1:

$$\text{MEDSSC} = [(\text{FBACOS} + \text{COSM} + \text{TUCA} - \text{CP}) \div \text{SBM}] + \text{SACP} + \text{FF}, \text{ where:}$$

- MEDSSC = Monthly Electric Distribution System Service Charge (\$)
- FBACOS = Final Burdened Annual Cost of Service (\$)
- COSM = Cost of Service Margin (\$)
- TUCA = True-up Cost Adjustment (\$)
- CP = Capitalization Principal (\$)
- SBM = Study Billing Months
- SACP = Summation of Amortized Capitalization Payments (\$)
- FF = Franchise Fees (\$)

H.5.2.1 The "Final Burdened Cost of Service" shall be based on the total directly-assignable costs as identified in Contractor's Final Annual COS Study, and may include applicable burden costs.

H.5.2.2 RESERVED.

H.5.2.3 The "Cost of Service Margin" shall be based on multiplying the Final Burdened Annual Cost of Service by the percentage identified on Line A-1 in Schedule L-1.

H.5.2.4 The "True-up Cost Adjustment" shall be based on the unrecovered difference between the estimated and actual COS Study costs from a prior cost of service study period, exclusive of any Capitalization Principal and Amortized Capitalization Payments. The adjustment may be positive, negative or zero.

H.5.2.5 The "Capitalization Principal" shall be based on the dollar portion of the Annual COS Study cost that is to be financed at the Government's request.

H.5.2.6 The "Study Billing Months" shall be equal to the number of billing months in the cost of service study period.

H.5.2.7 The "Summation of Amortized Capitalization Payments" shall be determined by adding the outstanding monthly amortized capitalization payments for the current and all prior cost of service study periods.

H.5.2.8 The "Franchise Fee" shall be the applicable fees that are assessed by a governmental entity and that the utility is required to collect from its end-use customers.

H.5.3 Government Facility Purchase Charge. The monthly Government Facility Purchase Charge shall be an amortized repayment of the sum of Contractor's firm-fixed-price, lump sum Distribution System Purchase Price (Purchase Price) and Contribution-in-Aide-of-Construction Tax Payment (CIAC Tax Payment) for Fort Knox, as specified on Lines A-4 and A-5, respectively, of Schedule L-1; provided, however, that there shall be no such charge if the sum of the cumulative amount specified on Lines A-4 and A-5 under such schedule shall be zero.

H.5.3.1 The amortization period shall be 120 months. The annual interest rate shall be equal to the yield-to-maturity for 10-year United States Treasury bills, as reported by Telerate Systems, as of the first day of the calendar month in which the Contractor shall first assume full ownership of the Installation's electric distribution utility system, plus the fixed Treasury bill basis point adjustment as set forth in Clause H.4.1, above.

H.5.3.2 The Government may prepay the outstanding principal of any Purchase Price or CIAC Tax Payment, in whole or in part; provided, however, that a partial prepayment shall be in principal increments of not less than Two Hundred and Fifty Thousand Dollars (\$250,000), in 1998 dollars. A prepayment charge shall apply to such prepayments that shall be equal to the net present value of the sum of the remaining monthly payments for the principal that is to be prepaid. The sum of the remaining monthly payments shall be discounted to the date of the prepayment, assuming for purposes of the calculation that the initial monthly payment is made on such date and that subsequent monthly payments are on the same day of each month thereafter, at an interest rate per annum that is equal to the yield-to-maturity, as reported by Telerate Systems, of a United State Treasury obligation for the period which most closely approximates the remaining term of the payment period, plus the same basis point adder as set forth in Clause H.4.1, above.

H.5.3.3 The parties hereby recognize that pursuant to the Tax Reform Act of 1986 a purchase by the Contractor of the Installation's electric distribution system at less than the system's fair value may be treated as taxable income to the Contractor and as such the Contractor may incur an associated income tax liability. The parties further recognize that notwithstanding any designated valuation of the system by either party, the transaction may be subject to a review or audit by the United States Internal Revenue Service (IRS) or Commonwealth of Kentucky revenue department or agency. Any such review or audit shall not be the basis for an adjustment to any CIAC Tax Payment.

H.5.4 *Government Facility Purchase Credit.* The monthly Government Facility Purchase Credit shall be an amortized payment to the Government of the Contractor's firm fixed-price, lump sum Distribution System Purchase Credit for the Installation as specified on Line A-6 of Schedule L-1; provided, however, that there shall be no such credit if the amount specified on Line A-6 shall be zero. The amortization period shall be one hundred and twenty (120) months. The annual interest rate shall be equal to the yield-to-maturity for 10-year United States Treasury bills as of the first day of the calendar month in which the Contractor shall first assume full ownership of the Installation's electric distribution system, plus the fixed Purchase Price Credit Adjustment as set forth on Line A-3 of Schedule L-1.

H.6 TREASURY BILL YIELD REPORTING.

In the event that Telerate Systems ceases to report Treasury bill yields, materially changes its reporting methods or no longer tracks market conditions, the contract shall be amended upon the completion of negotiations between the parties to designate an alternative reporting system. The failure to agree on an appropriate alternative reporting system shall constitute a dispute under the terms and conditions of the "disputes" clause of this contract.

H.7 CHANGE OF RATES.

At the request of either party to this contract, and with reasonable cause, the rates and charges set forth herein may be renegotiated and the new rates shall become effective as mutually agreed. The Government may agree to a change in rates or charges upon a determination by the Government that the modified rate or charge is cost-based, just and reasonable and nondiscriminatory.

H.8 COST OF SERVICE EXCLUSIONS.

The Cost of Service basis for the Monthly Electric Distribution System Service Charge shall not include any costs associated with the payment of civil penalties imposed on the Contractor pursuant to Kentucky Revised Statutes (KRS) Section 278.990, Penalties.

H.9 ACCOUNTING PROCEDURES.

H.9.1 The Contractor shall separately record all costs and payments associated with the distribution of electrical power within the service premise using the Contractor's standard accounting procedures and generally recognized accounting practices and principles; provided, however, that the Contractor's system of accounts shall conform as nearly as practicable to the system adopted or approved by the Federal Energy Regulatory Commission.¹¹

H.9.2 The Government shall have the right at reasonable times and upon reasonable notice to inspect the Contractor's records as they relate to service performance or the determination of rates under this contract.

H.10 ELECTRIC DISTRIBUTION FACILITIES.

H.10.1 It is the intention of the Government to transfer ownership to the Contractor of all the Government-owned facilities required to furnish electric distribution service within the service premise upon requesting and obtaining Department of the Army and/or Congressional approvals and/or notifications. Prior to obtaining the requisite approvals, all such facilities shall continue to be owned by the Government.

H.10.1.1 Title to such facilities shall transfer to the Contractor upon the receipt by the Contractor of the Government's written notice to this effect; provided, however, that the transfer of facility ownership shall be subject to reasonable reservations or conditions as set forth in the notice. The parties shall prepare and execute such additional documents as may be necessary to implement the ownership transfer.

H.10.1.2 Upon the transfer of facility ownership from the Government to the Contractor, and unless otherwise provided for in this contract, the Contractor shall furnish, install, operate and maintain all facilities required for the distribution of electrical power within the service premise. Title of all these facilities shall remain with the Contractor and it shall be responsible for all loss of or damage to these facilities, except that arising out of the fault or negligence of the Government, its agents, or its employees. All taxes and other charges in connection therewith, together with all liability arising out of the negligence of the Contractor from the construction, operation, or maintenance of these facilities, shall be assumed by the Contractor.

¹¹ See Kentucky Statutes Section 278.220, Uniform System of Accounts for Utilities.

H.10.2 The Contractor shall not sell or otherwise transfer ownership of any electric distribution facilities within the service premise that are located downstream of the points of connection to the upstream electric utility service providers and that are used and useful for the purpose of providing electric distribution services within the Installation, nor shall the Contractor transfer the responsibility for the operations and maintenance of such facilities, without the prior approval of the Government.

H.10.3 The Government expressly reserves the right to require the transfer of all or any portion of Contractor-owned distribution facilities, whether acquired by the Contractor as a transfer of Government-owned facilities or installed by the Contractor in accordance with an Annual COS Study, to the Government, at no cost to the Government, other than applicable payments provided for in Section H.5 and H.13, upon the termination of this contract. The parties shall prepare and execute such additional documents as may be necessary to implement the ownership transfer.¹²

H.11 LIMITED USE OF DISTRIBUTION FACILITIES.¹³

The Contractor shall not use the electrical distribution facilities of the Installation located within the service premise and downstream of the connection points to the upstream electric utility service providers to serve or benefit areas or customers outside the service premise without the prior permission of the Government. The Contractor may propose the joint use of privatized facilities and the Government shall consider any such proposals on a case-by-case basis.

H.12 CHANGE IN VOLUME OR CHARACTER OF SERVICE.

The Contracting Officer shall provide reasonable notice to the Contractor respecting any material changes anticipated in the volume or characteristics of the utility service required at the service location. The mission of Fort Knox may expand in response to military mobilization requirements. If the Contractor is unable to meet such expansion requirements in a timely manner, the Government reserves the right to separately procure such expansion capacity.

H.13 TERMINATION LIABILITY.

H.13.1 The termination liability of the parties with respect to the provision of electric distribution service under this contract shall be based on:

H.13.1.1 The repayment of any outstanding Capitalization Principal and all accrued interest thereon in accordance with Clause H.4.

¹² Under a cost of service rate (with the Clause H.11 facility dedication), the Government will pay for all distribution facilities and all facilities will be used solely to support Fort Knox. After having paid for the facilities, any subsequent reversion to the Government appropriately is at no cost. There also would be no harm to other customers as none would use the facilities. Since the basis for this clause is the Government's payments, it is consistent with the Clause H.13 termination liability provisions, a purpose of which is to assure that the Contractor has been reimbursed for funds spent to provide the required distribution service.

¹³ This clause prevents the utility from over sizing facilities, assigning all costs to the Army and then using the excess capacity to serve other customers.

H.13.1.2 Plus the difference between contract-year-to-date Monthly Electric Distribution Service Charge revenues and related Contractor costs; provided that such difference shall reflect any True-up Cost from the prior cost of service study period.

H.13.1.3 Plus the unamortized portion of the Distribution System Purchase Price and all accrued interest thereon, and the CIAC Tax Payment and all accrued interest thereon, as specified in Clause H.5.3.

H.13.1.4 Minus the unamortized portion of the Government Facility Purchase Credit as specified in Clause H.5.4.

H.13.1.5 Plus any reasonable and documented costs the Contractor may have incurred to discontinue its requirement to provide an interruption / emergency response in accordance with Clause C.7.

H.13.2 Any additional termination liability shall be in accordance with FAR 52.249-6, Termination (Cost Reimbursement).

H.14 FORCE MAJEURE.

See FAR 52.249-14, Excusable Delays.

H.15 INSURANCE REQUIREMENTS.¹⁴

Prior to commencement of work, the Contractor shall furnish the original of his insurance certificate directly to the Contracting Officer. The Contractor shall maintain during the entire period of his performance under this contract the following minimum insurance requirements:

H.15.1 Comprehensive general liability insurance for bodily injury in the minimum limits of \$500,000 per occurrence. No property damage liability is required.

H.15.2 Comprehensive automobile liability insurance covering the operation of all automobiles used in connection with the performance of the contract in the minimum limits of \$200,000 per person, and \$500,000 per accident for bodily injury, and \$20,000 per accident for property damage.

H.15.3 Workers compensation and employer's liability insurance in the minimum amount of \$100,000.

H.15.4 An endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective until thirty (30) days after the Insurer or Contractor gives written notice to the Contracting Officer.

H.15.5 If the Contractor has catastrophic insurance, the Contractor should provide a copy of the coverage to the Contracting Officer.

Note: It is recommended that the Contractor furnish a copy of the foregoing requirements to its insurance company, in order to assure that an insurance certificate is issued meeting the

¹⁴ Utilities may also desire to be self-insured.

minimum requirements shown. The insurance certificate shall also show the contract number to which it applies as well as a brief description and location of the work.

H.16 HAZARDOUS SUBSTANCES.

H.16.1 The parties recognize that the electric distribution system maintenance, operation, and ownership is subject to numerous laws and regulations including but not limited to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. § 9601, et seq., for cleanup, response removal or remediation, or preparation of any cleanup, response, removal or remediation plan attributable to the release of "Hazardous Substance" as that term is defined in the applicable environmental laws. The parties further recognize that the Contractor shall not assume liability for pre-existing violations of environmental laws by the Government or remediation of such violations.

H.16.2 The parties further recognize that at the time this contract is entered into, the Government's distribution system may not be in conformance with standards imposed by the Contractor.

H.16.3 Notwithstanding any other provision of this contract, this clause takes precedence over any other provision with respect to the Hazardous Substance situations set forth below.

H.16.4 Remediation of pre-existing Hazardous Substances is not included in this contract. If environmental contamination from pre-existing Hazardous Substances is discovered in air, soil, or groundwater within the service premise during the course of performing this contract, the Contractor shall cease all work at the site and immediately notify the Contracting Officer of the presence of Hazardous Substances.

H.16.5 In the event that Hazardous Substances have been unlawfully released, by other than the Contractor, the Contractor shall not be responsible for any additional costs of remediation, penalties, or fines that may be occasioned by any subsequent release or re-release of such substances into the air, soil, or groundwater, and which may be caused by any act of the Contractor; provided that the Contractor is in compliance with Clause H.16.4, above.

H.16.6 The Contractor shall comply with any State regulations regarding the handling and maintenance of records pertaining to hazardous materials, including any requirement to treat Fort Knox as a separate location.

H.17 DISPOSITION OF ENVIRONMENTALLY SENSITIVE WASTES.

Products such as used crankcase oil, antifreeze, oil filters, fuel filters, and similar items, shall be handled in the following manner:

H.17.1 Before being brought on station, the appropriate Material Safety Data Sheet (MSDS) shall be submitted to QAE for approval. A copy of the MSDS shall remain on site.

H.17.2 The Contractor shall make every effort to recycle versus dispose of consumable wastes.

H.18 HAZARDOUS WASTE SPILL.

H.18.1 The Contractor shall respond to any hazardous waste spill in the service premise resulting from the performance of this electric distribution service, and clean up and bulk any spilled or contaminated substances, including absorbents, foam, soil, and debris, accumulated from the spill site. A spill contingency plan shall be submitted to the Contracting Officer for review and approval by the Installation Environmental Coordinator prior to the submittal of the initial Draft Annual COS Study.

H.18.2 In emergencies, spill response shall be immediately implemented upon recognition of a spill. The Contractor shall have a Spill Response Plan on site and readily available to all its employees. Such plan shall identify the precise actions to be taken in the event of a spill or release. The Spill Response Plan shall contain the names and 24-hour telephone numbers of the emergency contacts for the Contractor and meet the requirements of all Federal, State and local agencies. A copy of the Contractor's Spill Response Plan shall be submitted and approved by the Fort Knox Installation Environmental Coordinator prior to the commencement of any work. At any location where POL or Hazardous Materials are used or stored by the Contractor, the Contractor must maintain on site the proper equipment and materials to immediately respond to a spill or release. All spills or releases of any substances which are reportable under Federal, State or local environmental laws or regulations shall immediately be reported by the Contractor to the Fort Knox Fire Department and the Fort Knox Environmental Management Division. Upon discovery of any spill or release, the Contractor shall take immediate actions to stop the source of the release and contain any contaminates released into the environment. Disposal of any contaminated material shall be the responsibility of the Contractor and disposal of these contaminated materials shall be in accordance with all Federal, State and local environmental laws and regulations. All such spills or releases are the legal and financial responsibility of the Contractor; provided, however, that costs prudently incurred in responding to such spills or releases may be included in the Contractor's cost of service basis for its service rates.

H.18.3 Bulk products are then to be removed, recoverables recycled, and treat/dispose of the waste products that are not.

H.18.4 Clean up is intended to restore the area to its pre-spill condition, unless pre-existing hazardous substances are discovered during clean up. In that event, clauses H.16.4 and H.16.5 shall apply.

H.18.5 The Contractor shall transport these items to a recycling and/or treatment/disposal facility approved and permitted for such recycling and/or treatment/disposal by the U.S. Environmental Protection Agency / Kentucky. Packaging materials if applicable (e.g., drums, plastic sheeting) shall also be recycled and/or treated/disposed of at a permitted facility. Should a spill occur during transportation of the hazardous wastes, the Contractor shall immediately notify the Director or Deputy Director of the Government's Environmental Department and the Government's Hazardous Waste Manager, while simultaneously following procedures that protect human health and the environment. The Contractor shall use a licensed Hazardous Waste transporter to transport Hazardous Waste.

H.18.6 All POL Products or Hazardous Materials Usage and/or Storage shall be in strict compliance with all Federal, State and local environmental laws and regulations. Any Hazardous Materials used or stored on the Fort Knox Military Installation, which require reporting or planning under the Superfund Reauthorization and Recovery Act (SARA Title III), EO12856, shall be approved by the Fort Knox Environmental Management Division prior to being brought onto the Installation. Any Hazardous Material which exceeds the reporting threshold under SARA Title III, Emergency

Planning and Community Right to Know Act (EPCRA), shall be reported as required to the appropriate agencies through the Fort Knox Environmental Management Division. Copies of all environmental reporting documents shall be promptly furnished to the Fort Knox Environmental Management Division. A Materials Safety Data Sheet (MSDS) shall be furnished onsite for any Hazardous Material used or stored on the Installation. A list of all Hazardous Materials used or stored on the Installation shall be furnished to the Environmental Management Division. Any environmental permits required to execute this contract shall be obtained by the Contractor prior to any work being performed. All Contractor employees shall be trained to the level required by all environmental laws to perform their designated functions. This requirement includes subcontractors.

H:18.7 The Contractor shall provide all information needed by Fort Knox to comply with the emergency planning reporting requirement of Section 302 of EPCRA; the emergency notice requirements of Section 304 of EPCRA; the list of MSDSs required by Section 311 of EPCRA; the emergency and hazardous chemical inventory forms of Section 312 of EPCRA; the toxic chemical release inventory of Section 313 of EPCRA, which includes the reduction and recycling information required by Section 6607 of the Pollution Prevention Act; and the toxic chemical reduction goals requirements of Section 3-302 of Executive Order 12856.

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TABLE H-1

**EXAMPLE CALCULATION OF MONTHLY
ELECTRIC DISTRIBUTION SYSTEM SERVICE CHARGE**

<u>Line</u>			<u>Dollars (\$)</u>
1	Final Burdened Annual Cost of Service		
2	RESERVED		
3	Cost of Service Margin		
4	Total Annual Cost of Service (Lines 1 through 3)		
5	True-up Cost Adjustment		
6	Subtotal (Line 4 + Line 5)		
7	Capitalization Principal		
8	Subtotal Annual Cost (Line 6 + Line 7)		
9	Subtotal Monthly Cost (Line 8 ÷ 12)		
10	<u>Cost of Service Year</u>	<u>Capitalization Principal</u> <u>Annual Interest Rate</u>	
	Fiscal Year 1		
	Fiscal Year 2		
	Fiscal Year 3		
	Summation of Amortized Capitalization Payment		
11	Total of Line 9 + Line 10		
12	Franchise Fee (applicable percent fee times Line 11)		
13	Total Monthly Electric Distribution System Service Charge (Line 11+Line 12)		
14	Contract Year-to-Date Billing Months (Months)		
15	Actual Distribution System Service Costs (Current Month)		
16	Actual Distribution Service Costs (Contract Year-to-Date)		
17	Levelized Current Year Capitalization Principal (Line 7 ÷ 12 x Line 14)		
18	Subtotal (Line 16 minus Line 17)		
19	Contract Year-to-Date Estimated Monthly Cost (Line 9 x Line 14)		
20	Contract Year-to-Date True-up Amount (Line 18 minus Line 19)		



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TABLE H-1

**EXAMPLE CALCULATION OF MONTHLY
ELECTRIC DISTRIBUTION SYSTEM SERVICE CHARGE (Continued)**

Notes to Table H-1:

Line 1 The "Final Burdened Annual Cost of Service" reflects the cost from the Final COS Study (see Clause H.5.2.1). Per Clause H.1.1.1, the cost may be burdened by applying standard overhead and A&G rates. For example, if the direct costs are \$625,000 and the composite burden rate is 60 percent, then the Burdened Annual Cost of Service is \$1,000,000 (see, also, Line A-12 of Schedules L-1 and L-2). The determination of standard burden rates shall be consistent with the explanation provided in Contractor's Cost/Price Proposal per Clause L.14.3. It is recognized that the actual level of standard burden rates may vary from year-to-year.

Line 2 RESERVED

Line 3 The "Cost of Service Margin" per Clause H.5.2.3 is determined by multiplying the Final Burdened Annual Cost of Service by the Fixed Annual COS Study Margin per Line A-1 of Schedule L-1 (see, also, Clause H.1.1.1). For example, applying a fixed margin of [REDACTED]

Line 5 The "True-up Cost Adjustment" per Clause H.5.2.4 is based on the uncollected difference between the estimated and actual COS Study costs for a prior cost of service study period. For example, a positive \$15,000 value means that actual costs during a prior year exceeded estimated costs by that amount, exclusive of any Capitalization Principal and Amortized Capitalization Payments. The adjustment may be positive, negative or zero. (See, also, Clause H.1.5.)

Line 7 The "Capitalization Principal" per Clause H.5.2.5 is the dollar portion of the Annual COS Study cost (per Line 6) that is to be financed at the Government's request per Clause H.3.2. Note that the assumed Capitalization Principal of \$600,000 is also shown as a Fiscal Year 3 amount per Line 10.

Line 9 The "Subtotal Monthly Cost" is the portion of the Clause H.5.2 Monthly Electric Distribution System Service Charge (MEDSSC) determined by the portion of the formula as follows (assuming a 12-month COS period, the example monthly cost is \$40,000):

$$(\text{FBACOS} + \text{COSM} + \text{TUCA} - \text{CP}) \div \text{SBM}$$

TABLE H-1**EXAMPLE CALCULATION OF MONTHLY
ELECTRIC DISTRIBUTION SYSTEM SERVICE CHARGE (Concluded)**

- Line 10 The "Summation of Amortized Capitalization Payments" per Clause H.5.2.7 is determined by adding the outstanding monthly amortized capitalization payments for the current and all prior cost of service study periods. The Capitalization Principal each year is as determined by the Government. The repayment term per Clause H.4.1 is 120 months. The interest rate per Clause H.4.1 is based on the 10-year Treasury Bill rate plus the fixed adjustment per Line A-2 of Schedule L-1. For example, the 8.0 percent rate is based on a 5.5 percent Treasury Bill yield (see Line A-9 of Schedule L-2) plus a 2.5 percent (250 basis point) adjustment (see Line A-2 of Schedule L-2). Had there been any prepayments of the Capitalization Principal for the current or any prior cost of service period, then the amounts shown in Line 10 would be adjusted to reflect the "outstanding" Capitalization Principal.
- Line 12 The "Franchise Fee" per Clause H.5.2.8 is the applicable fees that are assessed by a governmental entity and that the utility is required to collect from its end-use customers. In accordance with Clause H.1.1.2, the incidence of the franchise fee must be reflected in Schedule L-1 and substantiated in the Contractor's Cost/Price Proposal per Clause L.14.2.2. For example, applying the 1.5 percent fee per Line A-8 on Schedule L-2 to the Line 11 amount results in a Franchise Fee of \$957.70.
- Line 13 The "Monthly Electric Distribution System Service Charge" is based on the Clause H.5.2 formula as follows:
- $$\text{MEDSSC} = [(\text{FBACOS} + \text{COSM} + \text{TUCA} - \text{CP}) \div \text{SBM}] + \text{SACP} + \text{FF}$$
- Line 20 Lines 14 through 20 provide a means to track actual costs with revenues from the provisional MEDSSC as required per Clause H.1.5. Per Clause H.2.1, a variance of plus or minus 10 percent or \$100,000 would trigger a notification requirement.

**SECTION I
CONTRACT CLAUSES**

I.1 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at these addresses:

<http://www.arnet.gov>

<http://farsite.hill.af.mil>

<http://www.dtioc.mil/dfars>

(End of clause)

- I.2 52.202-1 DEFINITIONS (OCT 1995).**
- I.3 52.203-3 GRATUITIES (APR 1984).**
- I.4 52.203-5 COVENANT AGAINST CONTINGENT FEES (APR 1984).**
- I.5 52.203-6 RESTRICTIONS ON SUBCONTRACTING SALES TO THE GOVERNMENT (JUL 1995).**
- I.6 52.203-7 ANTI-KICKBACK PROCEDURES (JUL 1995).**
- I.7 52.203-12 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JUN 1997).**
- I.8 52.204-4 PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER (JUN 1996).**
- I.9 52.209-6 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JUL 1995).**
- I.10 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 1999).**
- I.11 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (OCT 1999).**
- I.12 52.222-1 NOTICE TO THE GOVERNMENT OF LABOR DISPUTIES (FEB 1997).**
- I.13 52.222-3 CONVICT LABOR (AUG 1996).**
- I.14 52.222-21 PROHIBITION OF SEGREGATED FACILITIES (FEB 1999).**
- I.15 52.222-26 EQUAL OPPORTUNITY (FEB 1999).**

- I.16 52.222-35 AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (APR 1998).
- I.17 52.222-36 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998).
- I.18 52.222-37 EMPLOYMENT REPORTS ON DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (JAN 1999).
- I.19 52.223-2 CLEAR AIR AND WATER ACT (APR 1984).
- I.20 52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997).
- I.21 52.223-5 POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (APR 1998).
- I.22 52.223-6 DRUG-FREE WORKPLACE (JAN 1997).
- I.23 52.223-14 TOXIC CHEMICAL RELEASE REPORTING (OCT 1996).
- I.24 52.226-1 UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES (MAY 1999).
- I.25 52.232-23 I ASSIGNMENT OF CLAIMS (JAN 1986) - ALTERNATE I (APR 1984).
- I.26 52.232-25 PROMPT PAYMENT (JUN 1997).
- I.27 52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER - CENTRAL CONTRACTOR REGISTRATION (MAY 1999).
- I.28 52.233-1 I DISPUTES (DEC 1998) - ALTERNATE I (DEC 1991).
- I.29 52.233-3 I PROTEST AFTER AWARD (AUG 1996) - ALTERNATE I (JUN 1985).
- I.30 52.237-2 PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION (APR 1984).
- I.31 52.241-2 ORDER OF PRECEDENCE - UTILITIES (FEB 1995).
- I.32 52.241-4 CHANGE IN CLASS OF SERVICE (FEB 1995).
- I.33 52.241-5 CONTRACTOR'S FACILITIES (FEB 1995).
- I.34 52.242-13 BANKRUPTCY (JUL 1995).
- I.35 52.243-2 II CHANGES - COST-REIMBURSEMENT (AUG 1987) -- ALTERNATE II (APR 1994).

- I.36 52.244-5 COMPETITION IN SUBCONTRACTING (DEC 1996).
- I.37 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (OCT 1998).
- I.38 52.246-25 LIMITATION OF LIABILITY - SERVICES (FEB 1997).
- I.39 52.249-6 II TERMINATION (COST-REIMBURSEMENT) (SEP 1996) - ALTERNATE II (SEP 1996).
- I.40 52.249-14 EXCUSABLE DELAYS (APR 1984).
- I.41 252.203-7001 PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE - CONTRACT - RELATED FELONIES (MAR 1999).
- I.42 252.203-7002 DISPLAY OF DOD HOTLINE POSTER (DEC 1991).
- I.43 252-204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION (MAR 1998).
- I.44 252-205-7000 PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS (DEC 1991).
- I.45 252.219-7003 SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS) (APR 1996).
- I.46 252.223-7004 DRUG-FREE WORK FORCE (SEP 1998).
- I.47 52.204-1 APPROVAL OF CONTRACT (DEC 1989).

This contract is subject to the written approval of Office of the Assistant Chief of Staff for Installation Management and shall not be binding until so approved.

(End of clause)

Inventory Report

Existing Electric Facilities

Fort Knox currently purchases wholesale electrical power at multiple delivery points and from several suppliers. The main cantonment area is supplied at 34.5 kV from Louisville Gas & Electric Company (LG&E) at six separate primary delivery points.

These delivery points are supplied from LG&E's Fort Knox 34.5 kV sub-transmission loop which consists of circuits 3313, 3314, and 3316. This sub-transmission loop originates at LG&E's 138 kV Tip Top Substation located near the northwest corner of the installation. Muldraugh Water Plant is supplied at 34.5 kV from LG&E. Power for several remote ranges is supplied at 12.5 kV from LG&E, Meade County RECC, Nolin RECC, and Salt River RECC.

Fort Knox owns and operates an electrical utility system consisting of :

- seven 34.5 kV distribution substations
- approximately 129 circuit-miles of overhead primary distribution line
- approximately 6 circuit-miles of underground primary distribution line

Substation 12A supplies the main installation. It is supplied from LG&E's 34.5 kV sub-transmission loop. It is a conventional, outdoor, air-insulated substation consisting of two incoming 34.5 kV sub-transmission line terminations, two 10 MVA 34.5 - 12.5 kV power transformers, and nine 12.5 kV metal-clad circuit breakers. This substation provides voltage regulation, control, and overcurrent protection for six 12.5 kV distribution feeders.

Substation 12B supplies the main installation. It is supplied from LG&E's 34.5 kV sub-transmission loop. It is a conventional, outdoor, air-insulated substation consisting of two incoming 34.5 kV sub-transmission line terminations, two 15 MVA 34.5 - 12.5 kV

power transformers, and nine 12.5 kV metal-clad circuit breakers. This substation provides voltage regulation, control, and overcurrent protection for six 12.5 kV distribution feeders.

Substation 12C supplies the main installation. It is supplied from LG&E's 34.5 kV sub-transmission loop. It is a conventional, outdoor, air-insulated substation consisting of two incoming 34.5 kV sub-transmission line terminations, two 10 MVA 34.5 - 12.5 kV power transformers, and nine 12.5 kV metal-clad circuit breakers. This substation provides voltage regulation, control, and overcurrent protection for five 12.5 kV distribution feeders.

Substation 12D supplies the main installation. It is supplied from LG&E's 34.5 kV sub-transmission loop. It is a conventional, outdoor, air-insulated substation consisting of one incoming 34.5 kV sub-transmission line termination, one 15 MVA 34.5 - 12.5 kV power transformer, and nine 12.5 kV metal-clad circuit breakers. This substation provides voltage regulation, control, and overcurrent protection for five 12.5 kV distribution feeders.

Substation 12E supplies the main installation. It is supplied from LG&E's 34.5 kV sub-transmission loop. It is an indoor substation consisting of two incoming 34.5 kV sub-transmission line terminations, two 5 MVA 34.5 - 12.5 kV power transformers, and eleven 12.5 kV metal-clad circuit breakers. This substation provides voltage regulation, control, and overcurrent protection for five 12.5 kV distribution feeders plus two backup diesel generators serving the hospital area.

Substation 12F supplies the main installation. It is supplied from LG&E's 34.5 kV sub-transmission loop. It is a conventional, outdoor, air-insulated substation consisting of one incoming 34.5 kV sub-transmission line termination, one 10 MVA 34.5 - 12.5 kV power transformer, and five 12.5 kV metal-clad circuit breakers. This substation

provides voltage regulation, control, and overcurrent protection for four 12.5 kV distribution feeders.

Substation H supplies the Muldraugh Water Plant. It is supplied from LG&E's 34.5 kV sub-transmission circuit 3311. It is a conventional, outdoor, air-insulated substation consisting of one incoming 34.5 kV sub-transmission line termination, three 0.833 MVA 34.5 - 4.16 kV power transformers, and one 4.16 kV oil circuit recloser. This substation provides voltage regulation, control, and overcurrent protection for one 4.16 kV distribution circuit.

The primary distribution system consists of a total of thirty-six 12.5 kV circuits. The majority of the distribution circuits are configured with loop tie switches to neighboring circuits. The distribution system is composed primarily of overhead, pole-line construction (utilizing both conventional open wire and narrow profile construction practices) with pole-mounted transformer banks. However, there is also a substantial amount of underground primary construction, primarily utilizing duct-type construction practices with pad-mounted transformers.

On - Site Investigation

A site visit was conducted by the Guernsey project team during the week of 22 September 1997. The purpose of the visit was to gather data regarding the site electrical facilities. A field inspection of the electrical system to ascertain the average age and condition of the facilities was performed over a random sample of field locations. A full-scale inventory of the system was not conducted.

Conductor Sizes & Length Inventory

Overhead Distribution Lines

3 Phase Large Conductor	Linear Feet	195,303
3 Phase Small Conductor	Linear Feet	249,021
1 Phase Conductor	Linear Feet	237,838
Secondary	Linear Feet	170,539
Group Oper. Air Break Switches	Each	17
Subtotal Overhead Lines	Linear Feet	852,701

Underground Distribution Lines

3 Phase Large Cond.	Linear Feet	3,564
3 Phase Small Cond.	Linear Feet	27,905
1 Phase Conductor	Linear Feet	2,445
Secondary	Linear Feet	8,480
Sectionalizing Switches	Each	2
Subtotal Underground Lines	Linear Feet	42,394

Street Lights

Fixtures	Each	3,918
Poles	Each	659

Services

3 Phase	Each	879
1 Phase	Each	1,839
Subtotal Services	Each	<u>2,718</u>

Total Linear Feet **895,095**

Transformer Inventory

<u>Transformers - Pole Type</u>	<u>Units</u>
15 kVA & smaller	345
25 kVA	348
37.5 kVA	345
50 kVA	295
75 kVA	301
100 kVA	108
167 kVA	3
250 kVA	4
333 kVA	1

Subtotal Pole Type 1,750

<u>Transformers - Pad Type</u>	<u>Units</u>
1P - 15 kVA & smaller	6
1P - 25 kVA	1
1P - 37.5 kVA	3
1P - 50 kVA	1
1P - 75 kVA	3
1P - 100 kVA	14
1P - 167 kVA	1
3P - 112.5 Kva & smaller	27
3P - 150 kVA	15
3P - 225 kVA	40
3P - 300 kVA	74
3P - 500 Kva	17
3P - 750 Kva	16
3P - 1000 kVA	7
3P - 1500 kVA	1
3P - 2500 kVA	1

Subtotal Pad Type 227

Total 1,977

Containment & Range Areas

PORT KNOX
SUMMARY TABULATION

Item	Estimated Quantity	Estimated Age
Overhead Lines		
3 Ph. - Open Wire Large	35,080	22.27
3 Ph. - Open Wire Small	47,163	20.28
1 Ph. - Open Wire	48,045	20.42
Disconnect Switches	17	10.88
Secondary	32,299	21.83
Underground Lines		
3 Ph. - Large	0,676	18.78
3 Ph. - Small	6,285	13.81
1 Ph.	0,483	18.00
Sectionalizing Switches	2	10.00
Secondary	1,806	14.01
Transformers - Pole Type		
15 KVA & smaller	345	23.00
25 KVA	348	23.73
37.5 KVA	345	20.72
60 KVA	296	19.88
75 KVA	301	18.86
100 KVA	108	18.91
167 KVA	3	26.00
250 KVA	4	22.76
333 KVA	1	30.00
Subtotal	1760	
Transformers - Pad Mount		
1P - 15 KVA & smaller	6	18.67
1P - 25 KVA	1	10.00
1P - 37.5 KVA	3	15.00
1P - 60 KVA	1	10.00
1P - 75 KVA	3	10.00
1P - 100 KVA	14	9.07
1P - 167 KVA	1	10.00
3P - 112.5 KVA & smaller	27	14.67
3P - 150 KVA	15	12.00
3P - 225 KVA	40	14.33
3P - 300 KVA	74	15.66
3P - 500 KVA	17	15.65
3P - 750 KVA	16	14.87
3P - 1000 KVA	7	12.86
3P - 1600 KVA	1	15.00
3P - 2500 KVA	1	15.00
Subtotal	227	
Street Lights		
Fixtures	3918	14.74
Poles	559	15.13
Subtotal		
Services		
3 Phase	679	9.45
1 Phase	1639	9.33
Subtotal		
Substations		
34.5 kV Busbar & Structures	9	18.33
34.5 kV Circuit Breakers	10	15.10
Power Transformers (Per MVA)	107.5	14.70
12.5 Kv Circuit Breakers	61	15.31
Misc. (20%) (Lot)	6	14.89
Subtotal		

Knox Map 1
 Containment Area

PORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small	0.565	25
1 Ph. - Open Wire	0.037	25
Group Oper. Air Break Switch Secondary	0.161	25
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary		
Subtotal		
Transformers - Pole Type		
15 kVA & smaller		
25 kVA	2	25
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	2	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures	20	25
Poles		
Subtotal		
Services		
3 Phase		
1 Phase	2	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 2
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small	0.627	25
1 Ph. - Open Wire	1.613	25
Group Oper. Air Break Switch Secondary	0.560	25
Subtotal		
Underground Lines		
3 Ph. - Large	0.123	25
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.031	25
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	4	25
25 kVA	5	25
37.5 kVA	1	25
50 kVA	1	25
75 kVA		
100 kVA		
167 kVA		
250 kVA	3	25
333 kVA		
Subtotal	14	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures	65	25
Poles		
Subtotal		
Services		
3 Phase	5	10
1 Phase	14	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers ((Per MVA)		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 3
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire		
Group Oper. Air Break Switch		
Secondary		
Subtotal	0.000	
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches		
Secondary		
Subtotal	0.000	
Transformers - Pole Type		
15 kVA & smaller		
25 kVA		
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	0	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA		0
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase		
1 Phase		
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 4
 Cantonment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	0.163	22
Group Oper. Air Break Switch Secondary	0.046	22
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller		
25 kVA	1	22
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	1	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase		
1 Phase	3	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 5
 Cartersment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	0.242	24
3 Ph. - Open Wire Small		
1 Ph. - Open Wire		
Group Oper. Air Break Switch Secondary	0.061	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small	0.013	24
1 Ph.		
Sectionalizing Switches Secondary	0.003	24
Subtotal		
Transformers - Pole Type		
15 kVA & smaller		
25 kVA		
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	0	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA	2	24
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	2	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase	3	12
1 Phase		
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 8
 Cantonment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	0.801	16
Group Oper. Air Break Switch Secondary	0.200	16
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	1	16
25 kVA		
37.5 kVA	7	16
50 kVA	2	16
75 kVA		
100 kVA		
187 kVA		
250 kVA		
333 kVA		
Subtotal	10	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 187 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures	27	16
Poles	13	16
Subtotal		
Services		
3 Phase	3	8
1 Phase	10	8
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 7
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	1.155	22
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	0.876	22
Group Oper. Air Break Switch Secondary	0.533	22
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small	0.231	15
1 Ph.		
Sectionalizing Switches		
Secondary	0.058	15
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	13	22
25 kVA	4	22
37.5 kVA	8	22
50 kVA	7	22
75 kVA	3	22
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	35	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA	3	15
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	3	15
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA	2	15
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	8	
Street Lights		
Fixtures	99	22
Poles		
Subtotal		
Services		
3 Phase	15	10
1 Phase	53	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 8
 Cadastrement Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	5,593	24
3 Ph. - Open Wire Small	3,231	24
1 Ph. - Open Wire	0,397	24
Group Oper. Air Break Switch	2	10
Secondary	2,305	24
Subtotal		
Underground Lines		
3 Ph. - Large	0,089	15
3 Ph. - Small	1,585	15
1 Ph.		
Sectionalizing Switches		
Secondary	0,414	15
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	29	24
25 kVA	56	24
37.5 kVA	30	24
50 kVA	17	24
75 kVA	20	24
100 kVA	3	24
187 kVA		
250 kVA		
333 kVA		
Subtotal	155	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 187 kVA		
3P - 112.5 kVA & smaller	1	15
3P - 150 kVA	2	15
3P - 225 kVA	9	15
3P - 300 kVA	11	15
3P - 500 kVA	1	15
3P - 750 kVA	4	15
3P - 1000 kVA	1	15
3P - 1500 kVA	1	15
3P - 2500 kVA		
Subtotal	30	
Street Lights		
Fixtures	394	24
Poles	114	24
Subtotal		
Services		
3 Phase	97	10
1 Phase	155	10
Subtotal		
Substation 12F		
34.5 kV Buses & Structures	1	8
34.5 kV Circuit Breakers	1	8
Power Transformers (Per MVA)	10	8
12.5 kV Circuit Breakers	5	8
Misc. (20%) (Lot)	1	8
Subtotal		

Knox Map 8
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small	2.092	25
1 Ph. - Open Wire	0.492	25
Group Oper. Air Break Switch Secondary	0.946	25
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	15	25
25 kVA	19	25
37.5 kVA	1	25
60 kVA		
75 kVA		
100 kVA	1	25
167 kVA		
250 kVA		
333 kVA		
Subtotal	33	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 60 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures	103	25
Poles	5	25
Subtotal		
Services		
3 Phase	11	10
1 Phase	33	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%)		
Subtotal		

Knox Map 10
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	2,772	18
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	5,523	18
Group Oper. Air Break Switch Secondary	2,074	18
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small	0.187	18
1 Ph.		
Sectionalizing Switches Secondary	0.047	18
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	11	18
25 kVA	4	18
37.5 kVA	71	18
50 kVA	39	18
75 kVA	31	18
100 kVA	37	18
167 kVA		
250 kVA	1	18
333 kVA		
Subtotal	184	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA	4	18
3P - 300 kVA	1	18
3P - 500 kVA	1	18
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	6	
Street Lights		
Fixtures	348	18
Poles	118	18
Subtotal		
Services		
3 Phase	73	8
1 Phase	194	8
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%)		
Subtotal		

FORT KNOX

Knock Step 11
 Confinement Area

Item	Quantity	(Est.)	(Est.)
Overhead Lines			
3 Ph. - Open Wire Large	22	3.24	
3 Ph. - Open Wire Small	22	0.667	
1 Ph. - Open Wire	22	1.91	
Group Oper. Air Break Switch	2		1.434
Secondary	22		
Underground Lines			
3 Ph. - Large	22	0.102	
3 Ph. - Small	22	0.028	
Secondary	22		
Transformers - Pole Type			
15 KVA & smaller	21		22
25 KVA	17		22
37.5 KVA	30		22
50 KVA	15		22
75 KVA	6		22
100 KVA	3		22
167 KVA			
250 KVA			
330 KVA			
Subtotal		84	
Transformers - Pad Mount			
1P - 15 KVA & smaller			
1P - 25 KVA			
1P - 37.5 KVA			
1P - 50 KVA			
1P - 75 KVA			
1P - 100 KVA			
1P - 167 KVA			
3P - 112.5 KVA & smaller			
3P - 150 KVA	2		22
3P - 225 KVA	5		22
3P - 300 KVA			
3P - 500 KVA			
3P - 750 KVA			
3P - 1000 KVA			
3P - 1500 KVA			
3P - 2500 KVA			
Subtotal		7	
Sweet Lights			
Fixtures	184		22
Poles	116		22
Subtotal			
Services			
3 Phase	42		10
1 Phase	84		10
Subtotal			
Substation 12B			
34.5 KV Buses & Structures	2		12
34.5 KV Circuit Breakers	2		12
Power Transformers (Per MVA)	30		12
12.5 KV Circuit Breakers	6		12
Misc. (20%) (Lap)	1		12
Subtotal			

Knox Map 12
 Cartonnment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	8.01	24
3 Ph. - Open Wire Small	6.138	24
1 Ph. - Open Wire	1.88	24
Group Oper. Air Break Switch Secondary	3	10
	3.702	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small	0.707	10
1 Ph.		
Sectionalizing Switches Secondary	2	10
	0.177	10
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	43	24
25 kVA	51	24
37.5 kVA	38	24
50 kVA	41	24
75 kVA	38	24
100 kVA	9	24
167 kVA		
250 kVA		
333 kVA		
Subtotal	218	
Transformers - Pad Mount		
1P - 15 kVA & smaller	1	10
1P - 25 kVA	1	10
1P - 37.5 kVA		
1P - 50 kVA	1	10
1P - 75 kVA	3	10
1P - 100 kVA	6	
1P - 167 kVA	1	10
3P - 112.5 kVA & smaller	7	10
3P - 150 kVA	4	10
3P - 225 kVA	10	10
3P - 300 kVA	24	10
3P - 500 kVA	4	10
3P - 750 kVA	3	10
3P - 1000 kVA	3	10
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	68	
Street Lights		
Fixtures	532	24
Poles	45	24
Subtotal		
Services		
3 Phase	155	10
1 Phase	257	10
Subtotal		
Substations 12A & 12E		
34.5 kV Buses & Structures	2	17
34.5 kV Circuit Breakers	4	17
Power Transformers (Per MVA)	30	17
12.5 kV Circuit Breakers	20	17
Misc. (20%) (Lot)	1	17
Subtotal		

Knox Map 13
Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	4.25	30
3 Ph. - Open Wire Small	3.651	30
1 Ph. - Open Wire	0.37	30
Group Open Air Break Switch Secondary	3	15
	2.118	30
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	41	30
25 kVA	51	30
37.5 kVA	32	30
50 kVA	18	30
75 kVA	19	30
100 kVA	1	30
167 kVA		
250 kVA		
333 kVA	1	30
Subtotal	163	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller	4	20
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA	17	20
3P - 500 kVA	2	20
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	23	
Street Lights		
Fibres	413	30
Poles		
Subtotal		
Services		
3 Phase	89	10
1 Phase	163	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%)		
Subtotal		

Knox Map 14
Concomerent Area

FORT KNOX

Item	(Est.)	Quantity	(Est.)
Overhead Lines			
3 Ph. - Open Wire Large	1.031	21	
3 Ph. - Open Wire Small	0.002	21	
1 Ph. - Open Wire	1.417	21	
Group Oper. Air Break Switch	1.	10	
Secondary	0.613	21	
Underground Lines			
3 Ph. - Large			
3 Ph. - Small			
1 Ph.	0.463	21	
Sectioning Switches			
Secondary	0.116	21	
Transformers - Pole Type			
15 KVA & smaller	11	21	
25 KVA	1	21	
37.5 KVA	9	21	
50 KVA	11	21	
75 KVA	17	21	
100 KVA	7	21	
167 KVA			
250 KVA			
333 KVA			
Transformers - Pad Mount			
1P - 15 KVA & smaller			
1P - 25 KVA			
1P - 37.5 KVA			
1P - 50 KVA			
1P - 75 KVA			
1P - 100 KVA			
1P - 167 KVA			
3P - 112.5 KVA & smaller	1	21	
3P - 150 KVA			
3P - 225 KVA			
3P - 300 KVA	2	21	
3P - 500 KVA			
3P - 750 KVA			
3P - 1000 KVA			
3P - 1500 KVA			
3P - 2500 KVA			
Street Lights			
Fixtures	109	21	
Poles	36	21	
Services			
3 Phase	23	10	
1 Phase	56	10	
Subtotal			
Substation 12C			
34.5 KV Buses & Structures	2	22	
34.5 KV Circuit Breakers	2	22	
Power Transformers (Per MVA)	20	22	
12.5 KV Circuit Breakers	8	22	
Misc. (Lot)	1	22	
Subtotal			

Knox Map 16
 Cantonment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	3,667	20
3 Ph. - Open Wire Small	378	20
1 Ph. - Open Wire	4,11	20
Group Oper. Air Break Switch Secondary	2	10
	2,644	20
Subtotal		
Underground Lines		
3 Ph. - Large	0,368	20
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0,097	20
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	36	20
25 kVA	48	20
37.5 kVA	39	20
50 kVA	12	20
75 kVA	63	20
100 kVA	7	20
167 kVA		
260 kVA		
333 kVA		
Subtotal	205	
Transformers - Pad Mount		
1P - 15 kVA & smaller	1	20
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	1	
1P - 167 kVA		
3P - 112.5 kVA & smaller	4	20
3P - 150 kVA		
3P - 225 kVA	3	20
3P - 300 kVA	2	20
3P - 500 kVA	4	20
3P - 750 kVA	2	20
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	17	
Street Lights		
Fidures	477	20
Poles	117	20
Subtotal		
Services		
3 Phase	91	10
1 Phase	211	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 Kv Circuit Breakers		
Misc. (20%)		
Subtotal		

Knox Map 16
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	3,606	24
3 Ph. - Open Wire Small	5,407	24
1 Ph. - Open Wire	2,098	30
Group Oper. Air Break Switch Secondary	2	10
	2,895	24
Subtotal		
Underground Lines		
3 Ph. - Large	0.095	15
3 Ph. - Small	1.641	15
1 Ph.		
Sectionalizing Switches		
Secondary	0.434	15
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	47	24
25 kVA	64	24
37.5 kVA	39	24
50 kVA	43	24
75 kVA	18	24
100 kVA	24	24
167 kVA		
250 kVA		
333 kVA		
Subtotal	235	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller	6	15
3P - 150 kVA	4	15
3P - 225 kVA	6	15
3P - 300 kVA	6	15
3P - 500 kVA	5	15
3P - 750 kVA	2	15
3P - 1000 kVA	3	15
3P - 1500 kVA		
3P - 2500 kVA	1	15
Subtotal	35	
Street Lights		
Fixtures	504	24
Poles	31	24
Subtotal		
Services		
3 Phase	131	10
1 Phase	235	10
Subtotal		
Substation 12D		
34.5 kV Buses & Structures	1	9
34.5 kV Circuit Breakers	1	9
Power Transformers (Per MVA)	15	9
12.5 kV Circuit Breakers	9	9
Misc. (20%) (Lot)	1	9
Subtotal		

Knock Map 17
FORT KNOX

Item	Quantity	(Est.)	Age
Overhead Lines			
3 Ph. - Open Wire Large	25	0.665	25
3 Ph. - Open Wire Small	25	1.474	25
1 Ph. - Open Wire	25	0.744	25
Group Oper. Air Break Switch	25	0.898	25
Secondary			
Underground Lines			
3 Ph. - Large	10	0.190	10
1 Ph.			
Secondary Switches			
Secondary	10	0.035	10
Transformers - Pole Type			
15 KVA & smaller	10	25	25
25 KVA	2	25	25
37.5 KVA	6	25	25
50 KVA	11	25	25
75 KVA	1	25	25
100 KVA			
167 KVA	3	25	25
353 KVA			
Transformers - Pad Mount			
1P - 15 KVA & smaller	1	10	10
1P - 25 KVA			
1P - 37.5 KVA			
1P - 50 KVA			
1P - 75 KVA	1	10	10
1P - 100 KVA			
1P - 167 KVA			
3P - 112.5 KVA & smaller	1	10	10
3P - 150 KVA			
3P - 225 KVA	1	10	10
3P - 300 KVA			
3P - 500 KVA			
3P - 750 KVA			
3P - 1000 KVA	2	10	10
3P - 1500 KVA			
3P - 2500 KVA			
Street Lights			
Fixtures	97	25	25
Poles	8	25	25
Services			
3 Phase	17	10	10
1 Phase	39	10	10
Substations			
34.5 KV Buses & Structures			
34.5 KV Circuit Breakers (Per MVA)			
Power Transformers (Per MVA)			
12.5 KV Circuit Breakers			
Misc. (20%) (Lot)			

Knox Map 18
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	0.478	10
3 Ph. - Open Wire Small	0.528	10
1 Ph. - Open Wire	1.308	10
Group Oper. Air Break Switch Secondary	0.578	10
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	3	10
25 kVA	1	10
37.5 kVA	18	10
50 kVA	7	10
75 kVA	20	10
100 kVA	1	10
167 kVA		
250 kVA		
333 kVA		
Subtotal	48	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA	3	10
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	3	
Street Lights		
Fixtures	108	10
Poles	20	10
Subtotal		
Services		
3 Phase	20	10
1 Phase	48	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc.(20%) (Lot)		
Subtotal		

Knox Map 19
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	1,023	10
3 Ph. - Open Wire Small	4,081	10
1 Ph. - Open Wire	1,688	10
Group Oper. Air Break Switch	1	10
Secondary	3,765	10
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small	0,661	10
1 Ph.		
Sectionalizing Switches		
Secondary	0,170	10
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	10	10
25 kVA	10	10
37.5 kVA	8	10
50 kVA	36	10
75 kVA	36	10
100 kVA	8	10
167 kVA		
250 kVA		
333 kVA		
Subtotal	105	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller	3	10
3P - 150 kVA	1	10
3P - 225 kVA	2	10
3P - 300 kVA	2	10
3P - 600 kVA		
3P - 750 kVA	1	10
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	9	
Street Lights		
Fixtures	299	10
Poles	38	10
Subtotal		
Services		
3 Phase	48	5
1 Phase	105	5
Subtotal		
Substations		
34.5 kV buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 20
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire		
Group Cpor. Air Break Switch Secondary		
Subtotal	0.000	
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary		
Subtotal	0.000	
Transformers - Pole Type		
15 kVA & smaller		
25 kVA		
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	0	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA		0
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase		
1 Phase		
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 21
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	0.168	10
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	0.013	10
Group Oper. Air Break Switch Secondary	0.043	10
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches		
Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	1	10
25 kVA		
37.5 kVA		
50 kVA	2	10
75 kVA		
100 kVA		
187 kVA		
250 kVA		
333 kVA		
Subtotal	3	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 187 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures	7	10
Poles		
Subtotal		
Services		
3 Phase	1	5
1 Phase	3	5
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Map 22
 Containment Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large	0.619	10
3 Ph. - Open Wire Small	1.564	10
1 Ph. - Open Wire	0.674	10
Group Oper. Air Break Switch	1	10
Secondary	0.767	10
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches		
Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	6	10
25 kVA		
37.5 kVA	8	10
50 kVA	18	10
75 kVA	23	10
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	55	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures	131	10
Poles		
Subtotal		
Services		
3 Phase	18	5
1 Phase	55	5
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Area 1
Range Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	7,818	24
Group Oper. Air Break Switch Secondary	1,055	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0,000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	12	24
25 kVA	8	24
37.5 kVA	1	24
50 kVA	12	24
75 kVA	8	24
100 kVA	8	24
167 kVA		
250 kVA		
333 kVA		
Subtotal	45	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase	15	10
1 Phase	45	10
Subtotal		
Substation: Muldraugh Sta.		
34.5 kV Buses & Structures	1	30
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)	2.5	30
12.5 kV Circuit Breakers	2	30
Misc. (20%) (Lot)	1	30
Subtotal		

Knox Area 2
Range Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small	8,300	24
1 Ph. - Open Wire		
Group Oper. Air Break Switch Secondary	2,000	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches		
Secondary	0,000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	11	24
25 kVA	4	24
37.5 kVA	1	24
50 kVA	2	24
75 kVA		
100 kVA	2	24
167 kVA		
250 kVA		
333 kVA		
Subtotal	20	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase	7	10
1 Phase	20	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lo)		
Subtotal		

Knox Area 3
Range Area

FORT KNOX

Item	(Est) Quantity	(Est) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small	3,667	24
1 Ph. - Open Wire	1,708	24
Group Oper. Air Break Switch Secondary	1,398	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0,000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	2	24
25 kVA	3	24
37.5 kVA		
50 kVA		
75 kVA		
100 kVA	1	24
167 kVA		
250 kVA		
333 kVA		
Subtotal	6	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase	2	10
1 Phase	8	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Area 4
Range Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire		
Group Oper. Air Break Switch		
Secondary	0,000	
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches		
Secondary	0,000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller		
25 kVA		
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	0	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase		
1 Phase		
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lo)		
Subtotal		

Knox Area 0
Range Area

FORT KNOX

<u>Item</u>	<u>(Est.) Quantity</u>	<u>(Est.) Age</u>
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire		
Group Oper. Air Break Switch		
Secondary	0.000	
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches		
Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller		
25 kVA		
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	0	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fixtures		
Poles		
Subtotal		
Services		
3 Phase		
1 Phase		
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (LoC)		
Subtotal		

Knox Area 7
Range Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small	1.025	24
1 Ph. - Open Wire	1.53	24
Group Oper. Air Break Switch Secondary	0.884	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0.000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	7	24
25 kVA		
37.5 kVA		
50 kVA	1	24
75 kVA	1	24
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	9	
Transformers - Pad Mount		
1P - 15 kVA & smaller		
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	0	
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA		
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	0	
Street Lights		
Fibers		
Poles		
Subtotal		
Services		
3 Phase	3	10
1 Phase	9	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

Knox Area 6
Range Area

FORT KNOX

Item	(Est.) Quantity	(Est.) Age
Overhead Lines		
3 Ph. - Open Wire Large		
3 Ph. - Open Wire Small		
1 Ph. - Open Wire	7,408	24
Group Oper. Air Break Switch Secondary	1,852	24
Subtotal		
Underground Lines		
3 Ph. - Large		
3 Ph. - Small		
1 Ph.		
Sectionalizing Switches Secondary	0,000	
Subtotal		
Transformers - Pole Type		
15 kVA & smaller	11	24
25 kVA		
37.5 kVA		
50 kVA		
75 kVA		
100 kVA		
167 kVA		
250 kVA		
333 kVA		
Subtotal	11	
Transformers - Pad Mount		
1P - 15 kVA & smaller	3	24
1P - 25 kVA		
1P - 37.5 kVA		
1P - 50 kVA		
1P - 75 kVA		
1P - 100 kVA	3	24
1P - 167 kVA		
3P - 112.5 kVA & smaller		
3P - 150 kVA		
3P - 225 kVA		
3P - 300 kVA	4	24
3P - 500 kVA		
3P - 750 kVA		
3P - 1000 kVA		
3P - 1500 kVA		
3P - 2500 kVA		
Subtotal	10	
Street Lights		
Fixtures	3	24
Poles		
Subtotal		
Services		
3 Phase	10	10
1 Phase	28	10
Subtotal		
Substations		
34.5 kV Buses & Structures		
34.5 kV Circuit Breakers		
Power Transformers (Per MVA)		
12.5 kV Circuit Breakers		
Misc. (20%) (Lot)		
Subtotal		

		PCB TRANSFORMERS REMAINING			
SERIAL NO.	UTM NO.	PCB-PPM	LOCATION	GALLONS	WEIGHT-KG
			ST./BLDG NO.		
77V188MRN90	1472	6450	6617	25	
77V1711M607	1670	6445	4091	15	
77V1713M492	1671	3842	4092	15	
77V1718M496	1676	6637	4115	15	
77V1716M497	1678	8178	4117	15	
77V1714M498	1679	7719	4116	15	
77V1746M671	1682	6506	4503	31	
77V1744M661	1681	5531	4408	31	
77V1735M664	1684	5787	4480	31	
77V1762M610	1686	5480	4418	31	
AO511MR182	1693	1954	4437	41	
77V1731M487	1697	6402	4456	31	
77V741M488	1698	4655	4450	31	
77V1765M667	1700	3562	4450	31	
77V1758M618	1706	2195	4488	31	
77V1770M670	1713	4144	4499	31	
77V1703M638	1042	5600	4631	11	
77V1738M552	700	5271	4894	17	
77V1719M578	702	5786	4880	17	
77V1736M553	710	6051	4860	17	
77V1725M558	714	6667	4855	15	
77V1733M534	720	6579	4838	17	
77V1726M559	716	6719	4844	17	
77V1730M571	542	6450	4902	30	
77V1729M565	592	6475	4908	101	
77V1823M526	733	6550	4931	39.3	
77V1763M546	736	5286	4931	17	
77V1737M548	697	5475	4926	17	
77V1746M669	1710	3823	4508	31	
G292070R235	1648	1360	7037	32	
3475262R244	1662	3596	N-SENECA&	15	
Total			SPEARHEAD	813.3	2771.50

TRANSFORMER			
ELECTRICAL SHEET NUMBER	LOCATION NUMBER	PHYSICAL LOCATION	COMMENTS
AREA MAP 1	MRN264	AMMO STORAGE	OK, Part of MRN missing
	Transformer no number	AMMO STORAGE	OK, No markings, MAG 9
	Transformer no number	AMMO STORAGE	OK, No markings, MAG 3
	ST4	MULDRAUGH WATER PLANT	OK
	ST5	MULDRAUGH WATER PLANT	OK
	ST6	MULDRAUGH WATER PLANT	OK
	ST7	MULDRAUGH WATER PLANT	OK
	Transformer no number	MULDRAUGH WATER PLANT	OK
AREA MAP 3	R3	BAKER ROAD	OK
	MRN253	LANDFILL MAINTENANCE OFFICE	OK, No Markings
AREA MAP 4	Transformer no number	BLDG. 2762	OK
	Transformer no number	BLDG. 2762	OK
	Transformer no number	BLDG. 2762	OK
	Transformer no number	BLDG. 2763	OK
	Transformer no number	BLDG. 2763	OK
	Transformer no number	BLDG. 2763	OK
	Transformer no number	BLDG. 2765	OK
	Transformer no number	BLDG. 2765	OK
	Transformer no number	BLDG. 2765	OK
	Transformer no number	BLDG. 2767	OK
	Transformer no number	BLDG. 2767	OK
	Transformer no number	BLDG. 2767	OK
	MR289	BLDG 6015	OK, No sticker
	AREA MAP 7	R336	BLDG 5259
R339		BLDG 5259	OK
R340		BLDG 5259	OK
AREA MAP 8	MRN58	BLDG 2346	OK
	MRN59	BLDG 2346	OK
	MRN60	BLDG 2346	OK
	M255	BLDG 2344	OK
	M256	BLDG 2344	OK

* Based on past experience, our good faith estimate is that about 5% of the transformers listed below will contain PCBs.

TRANSFORMERS
SCHEDULED FOR
PCB TESTING*

	M257	BLDG 2344	OK
	MR20	BLDG 2380	OK
AREA MAP 11	MR170	BLDG 1101	OK
	MR153	BLDG 1430	OK
	R229	BLDG 7064	
	MR124	BLDG 1205	OK, pad mounted
AREA MAP 13	M665	BLDG 4480	OK, Gaffey Heights
	M662	BLDGS 4413 & 4414	OK
	M663	BLDGS 4413 & 4414	OK
AREA MAP 14	M726	BLDGS 7749	OK, Morand Manor
ELEC. DIST. MAP 1	M748	BLDG 297	OK
ELEC. DIST. MAP 2	MR244	BLDG 9260	OK
	MN32	BLDG 9574	OK
	MN34	BLDG 9229	OK
	MR246	BLDG 9764	DITTO RANGE OK
	MR247	BLDG 9766	DITTO RANGE OK
	MR250	TOBACCO LEAF LAKE	OK
	MRN314	BLDG 9090	OK
	MR245	BLDG 9252	OK
	MH36	BLDG 9756	OK
ELEC. DIST. MAP 5	MN27	BLDG 9412	OK
	MN28	BLDG 9412	OK
	MN21	BLDG 9297	OK
	MN22	BLDG 9297	OK
	MN23	BLDG 9297	OK
	MN24	BLDG 9297	OK
	MN25	BLDG 9297	OK
	MN26	BLDG 9297	OK
ELEC. DIST. MAP 8	MV32	CEDAR CREEK RANGE	OK
	M878	CEDAR CREEK RANGE	OK
	M879	CEDAR CREEK RANGE	OK
	M880	CEDAR CREEK RANGE	OK
	M876	CEDAR CREEK RANGE	OK

	M875	CEDAR CREEK RANGE	OK
	M877	CEDAR CREEK RANGE	OK
	M881	CEDAR CREEK RANGE	OK
		CEDAR CREEK RANGE	OK, Storage Area
	M874	YANO RANGE	OK
	M873	YANO RANGE	OK
	MR255	YANO RANGE	OK
	M872	YANO RANGE	OK
NOT ON DRWGS.	MRN314	BLDG. 6017	OK
	NO NUMBER	BLDG. 6580	OK
	NO NUMBER	BLDG. 1022	OK
	NO NUMBER	BLDG. 1022	OK
	NO NUMBER	BLDG. 1022	OK
	MR153	BLDG. 1001	OK
	NO NUMBER	251 & 745TH	OK
		BLDG. 9698	OK, LATRINE CARLISLE CH.
	MR244	BLDG. 9260	OK
	MN40	BLDG. 5915	OK
	MN41	BLDG. 5915	OK
	MN39	BLDG. 5915	OK
	MR246	BLDG. 9762	OK
	MR247	BLDG. 9762	OK
	MR245	BLDG. 9252	OK
	M477	BLDG. 5101	OK, Possibly disconnected
	NO NUMBER	BLDG. 9758	OK
	MN32	BLDG. 9574	OK
	MN34	BLDG. 9416	OK
	MN35	BLDG. 9329	OK
	NO NUMBER	BAUM RANGE	OK
	NO NUMBER	BAUM RANGE	OK
	NO NUMBER	BLDG. 9234	OK NEXT TO TOWER
	NO NUMBER	BLDG. 9234	OK NEXT TO TOWER
	NO NUMBER	BLDG. 9234	OK NEXT TO TOWER
	NO NUMBER	BLDG. 5256	OK
	NO NUMBER	BLDG. 5256	OK
	NO NUMBER	BLDG. 5256	OK
	NO NUMBER	BLDG. 5249	OK
	NO NUMBER	BLDG. 5249	OK
	NO NUMBER	BLDG.5249	OK

	NO NUMBER	OTTER CREEK STEP DOWN	OK ON RIGHT OF WAY
	NO NUMBER	OTTER CREEK STEP DOWN	OK ON RIGHT OF WAY
	NO NUMBER	OTTER CREEK STEP DOWN	OK ON RIGHT OF WAY
	RN15	OTTER CREEK HOUSE	OK, maybe out-of-service
	MRN62	BLDG. 2341	OK
	M250	BATTLEFIELD BY FIT TO WIN	OK
	M141	BLDG 5429	OK
		1 BLDG. 2903	OK
		1 BLDG. 2903	OK
		1 BLDG. 2903	OK
		1 BLDG. 9201	OK
	NO NUMBER	TIP TOP BY MONTGOMERY CEM	OK
	NO NUMBER	TIP TOP TRAFFIC LIGHT	OK DISCONNECTED
	NO NUMBER	OTTER CREEK PUMP HOUSE	OK
	NO NUMBER	OTTER CREEK PUMP HOUSE	OK
	NO NUMBER	OTTER CREEK PUMP HOUSE	OK

DRAFT EASEMENT DOCUMENT

OFFERORS WILL BE PERMITTED TO OFFER ADDITIONAL OR MODIFIED TERMS WHICH ARE NOT INCONSISTENT WITH THE RIGHTS AND OBLIGATIONS OF THE UNITED STATES TO OPERATE THE MILITARY RESERVATION. THE U.S. ARMY CORPS OF ENGINEERS WILL COMPLETE PREPARATION OF THE REAL ESTATE DOCUMENTS AS PART OF FINALIZING SYSTEM PRIVATIZATION.

**DEPARTMENT OF THE ARMY
EASEMENT FOR ELECTRIC DISTRIBUTION UTILITY SYSTEM
LOCATED ON
FORT KNOX MILITARY RESERVATION, KENTUCKY**

THE SECRETARY OF THE ARMY, under and by virtue of the authority vested in the Secretary by Title 10, United States Code, Section 2668, for substations for electric power transmission lines, pump stations for gas, water and sewer, poles and lines for electric power and communication transmission and distribution, having found that the granting of this easement is not incompatible with the public interest, hereby grants to:

_____ ,
hereinafter referred to as the Grantee, an easement for

_____ ,
including all right, title and interest in and to all electrical distribution appurtenances located thereon, hereinafter referred to as the facilities, over, across, in and upon lands of the United States as identified in Exhibit(s) _____, hereinafter referred to as the premises, and which are attached hereto and made a part hereof.

THIS EASEMENT is granted subject to the following conditions.

1. TERM

This easement is hereby granted for a term that shall coincide with the term of Contract No. _____ between the United States and the Grantee for the provision of electric utility distribution services for the premises.

2. CONSIDERATION

The consideration for this easement shall be the transfer of the facilities and the operation and maintenance of these facilities for the benefit of the United States and the general public in accordance with the terms herein set forth.

3. NOTICES

All correspondence and notices to be given pursuant to this easement shall be addressed, if to the Grantee, to _____ ,
and, if to the United States, to the District Engineer, Attention: Chief, Real Estate Division,

_____ ,
or as may from time to time otherwise be directed by the parties. Notice shall be deemed to have been duly given if and when enclosed in a properly sealed envelope or wrapper addressed as aforesaid, and deposited, postage prepaid, in a post office regularly maintained by the United States Postal Service.

4. AUTHORIZED REPRESENTATIVES

Except as otherwise specifically provided, any reference herein to "Secretary", "District Engineer", "Installation Commander", or "said officer" shall include their duly authorized representatives. Any reference to "Grantee" shall include assignees, transferees and their duly authorized representatives.

5. SUPERVISION BY THE INSTALLATION COMMANDER

The construction, operation, maintenance, repair or replacement of said facilities, including culverts and other drainage facilities, for any use that is not directly related to the provision of electric utility distribution service to the premises shall be performed at no cost or expense to the United States and subject to the approval of the Installation Commander, Fort Knox, hereinafter referred to as said officer. Upon the completion of any of the above activities, the Grantee shall immediately restore the premises to the satisfaction of said officer. The use and occupation of the premises for the purposes herein granted shall be subject to such rules and regulations as said officer prescribes in writing from time to time.

6. APPLICABLE LAWS AND REGULATIONS

The Grantee shall comply with all applicable Federal, state, county and municipal laws, ordinances and regulations wherein the premises are located, including, but not limited to, the provisions of Superfund Reauthorization and Recovery Act (SARA Title III); Emergency Planning and the Community Right to Know Act (EPCRA) (48 CFR 1: 11:23; &52); Executive Order 12856; Endangered Species Act; Federal Facilities Compliance Act; Title 40 Code of Federal Regulations, Parts 1-799; Title 401 Kentucky Administration Regulations (KAR), Chapters 4 through 65; 36 CFR 800 and the National Historic Preservation Act; the Clean Water Act, the National Pollutant Discharge Elimination System (NPDES); 401 (KAR), 5:001 through 5:080 and Kentucky Revised Statutes (KRS) 224.70-120, Chapters 13 and 224, the Federal Water Pollution Control Act; the Federal Insecticide, Fungicide and Rodenticide Act; Army Regulation 420-76; the National Electrical Safety Code (NESC) and the Environmental Protection Agency Regulations on Polychlorinated Biphenyls (40 CFR Part 761).

7. CONDITION OF PREMISES

The Grantee acknowledges that it has inspected the premises, knows the condition, and understands that the same is granted without any representation or warranties whatsoever and without any obligation on the part of the United States.

8. INSPECTION AND REPAIRS

The Grantee shall inspect the facilities at reasonable intervals and immediately repair any defects found by such inspection or when required by said officer to repair any such defects.

9. PROTECTION OF GOVERNMENT PROPERTY

The Grantee shall be responsible for any damage that may be caused to the property of the United States by the activities of the Grantee under this easement and shall exercise due diligence in the protection of all property located on the premises against fire or damage from any and all other causes. Any property of the United States damaged or destroyed by the Grantee incident to the exercise of the privileges herein granted shall be promptly repaired or replaced by the Grantee to a condition satisfactory to said officer, or at the election of said officer, reimbursement made therefor by the Grantee in an amount necessary to restore or replace the property to a condition satisfactory to said officer.

10. RIGHT TO ENTER

The right is reserved to the United States, its officers, agents, and employees to enter upon the premises at any time and for any purpose necessary or convenient in connection with government purposes, to make inspections, to remove timber or other material, except property of the Grantee, and/or to make any other use of the lands as may be necessary in connection with government purposes, and the Grantee shall have no claim for damages on account thereof against the United States or any officer, agent, or employee thereof.

11. TRANSFERS AND ASSIGNMENTS

Without prior written approval by said District Engineer, the Grantee shall neither transfer nor assign this easement or any part thereof nor grant any interest, privilege or license whatsoever in connection with this easement. The provisions and conditions of this easement shall extend to and be binding upon and shall inure to the benefit of the representatives, successors and assigns of the Grantee.

12. INDEMNITY

The United States shall not be responsible for damages to property or injuries to persons which may arise from or be incident to the exercise of the privileges herein granted, or for damages to the property or injuries to the person of the Grantee's officers, agents, or employees or others who may be on the premises at their invitation or the invitation of any one of them, and the Grantee shall hold the United States harmless from any and all such claims not including damages due to the faults, negligence or willful misconduct of the United States or its agents.

13. SUBJECT TO EASEMENTS

This easement is subject to all other existing easements, or those subsequently granted as well as established access routes for roadways and utilities located, or to be located, on the premises, provided that the proposed grant of any new easement or route will be coordinated with the Grantee, and easements will not be granted which will, in the opinion of said officer, interfere with the use of the premises by the Grantee.

14. RELOCATION OF FACILITIES

In the event all or any portion of the premises occupied by the said facilities shall be needed by the United States, or in the event the existence of said facilities is determined to be detrimental to governmental activities, the Grantee shall from time to time, upon notice to do so, and as often as so notified, remove said facilities to such other location on the premises as may be designated by said

officer. In the event said facilities shall not be removed or relocated within ninety (90) days after such notice, the United States may cause such relocation. Depending on the size of the relocation required and the urgency associated with any such relocation, additional time required for relocation may be negotiated by the parties.

15. TERMINATION

This easement may be terminated by the Secretary upon thirty (30) days written notice to the Grantee if the Secretary shall determine that the right-of-way hereby granted interferes with the use of said land by the United States. The costs of any easement termination could be pursued in accordance with the termination provisions of Contract No. _____, the contract to own and operate the electric distribution system at Fort Knox, Kentucky.

16. SOIL AND WATER CONSERVATION

The Grantee shall maintain, in a manner satisfactory to said officer, all soil and water conservation structures that may be in existence upon said premises at the beginning of or that may be constructed by the Grantee during the term of this easement, and the Grantee shall take appropriate measures to prevent or control soil erosion within the right-of-way herein granted. Any soil erosion occurring outside the premises resulting from the activities of the Grantee shall be corrected by the Grantee as directed by said officer. The Grantee must comply with the provisions of the Fort Knox Storm Water Pollution Prevention and Ground Water Protection Plan.

17. ENVIRONMENTAL PROTECTION

a. Within the limits of their respective legal powers, the parties hereto shall protect the premises against pollution of its air, ground, and water. The Grantee shall promptly comply with any laws, regulations, conditions or instructions affecting the activity hereby authorized if and when issued by the Environmental Protection Agency, or any Federal, state, interstate or local governmental agency having jurisdiction to abate or prevent pollution. The disposal of any toxic or hazardous materials within the premises is strictly prohibited. Such regulations, conditions, or instructions in effect or prescribed by the said Environmental Protection Agency or any Federal, state, interstate or local governmental agency are hereby made a condition of this easement. The Grantee shall not discharge waste or effluent from the premises in such a manner that the discharge will contaminate streams or other bodies of water or otherwise become a public nuisance.

b. The use of any pesticides or herbicides within the premises shall be in conformance with all applicable Federal, state and local laws and regulations. The Grantee shall obtain approval in writing from the Installation Environmental Coordinator and the Pest Management Coordinator before any pesticides or herbicides are applied to the premises of the Fort Knox Military Reservation. The Pest Management Coordinator must have the following information; square footage of area sprayed, the chemicals used, the percent of chemical used. As State and Federal laws change additional information may be required.

c. The Grantee will use all reasonable means available to protect the environment and natural resources, and where damage nonetheless occurs arising from the Grantee's activities, the Grantee shall be liable to restore the damaged resources.

d. No trees shall be removed under power lines without prior approval of the Installation Environmental Coordinator after formal consultation with the US Fish and Wildlife Service.

e. In emergencies, spill response shall be immediately implemented upon recognition of a spill. The Contractor shall have a Spill Response Plan on site and readily available to all its employees. Such plan shall identify the precise actions to be taken in the event of a spill or release. The Spill Response Plan shall contain the names and 24-hour telephone numbers of the emergency contacts for the Contractor and meet the requirements of all Federal, State and local agencies. A copy of the Contractor's Spill Response Plan shall be submitted and approved by the Fort Knox Installation Environmental Coordinator prior to the commencement of any work. At any location where POL or Hazardous Materials are used or stored, the Contractor must maintain on site the proper equipment and materials to immediately respond to a spill or release. All spills or releases of any substances which are reportable under Federal, State or local environmental laws or regulations shall immediately be reported by the Contractor to the Fort Knox Fire Department and the Fort Knox Environmental Management Division. Upon discovery of any spill or release, the Contractor shall take immediate actions to stop the source of the release and contain any contaminants released into the environment. Disposal of any contaminated material shall be the responsibility of the Contractor and disposal of these contaminated materials shall be in accordance with all Federal, State and local environmental laws and regulations. All such spills or releases are the legal and financial responsibility of the Contractor; provided, however, that costs prudently incurred in responding to such spills or releases may be included in the Contractor's cost of service basis for its service rates.

f. All POL Products or Hazardous Materials Usage and/or Storage shall be in strict compliance with all Federal, State and local environmental laws and regulations. Any Hazardous Materials used or stored on the Fort Knox Military Installation, which require reporting or planning under the Superfund Reauthorization and Recovery Act (SARA Title II), EO12856, shall be approved by the Fort Knox Environmental Management Division prior to being brought onto the Installation. Any Hazardous Material which exceeds the reporting threshold under SARA Title III, Emergency Planning and Community Right to Know Act (EPCRA), shall be reported as required to the appropriate agencies through the Fort Knox Environmental Management Division. Copies of all environmental reporting documents shall be promptly furnished to the Fort Knox Environmental Management Division. A Materials Safety Data Sheet (MSDS) shall be furnished onsite for any Hazardous Material used or stored on the Installation. A list of all Hazardous Materials used or stored on the Installation shall be furnished to the Environmental Management Division. Any environmental permits required to execute this contract shall be obtained by the Contractor prior to any work being performed. All Contractor employees shall be trained to the level required by all environmental laws to perform their designated functions. This requirement includes subcontractors.

g. The Contractor shall provide all information needed by Fort Knox to comply with the emergency planning reporting requirement of Section 302 of EPCRA; the emergency notice requirements of Section 304 of EPCRA; the list of MSDSs required by Section 311 of EPCRA; the emergency and hazardous chemical inventory forms of Section 312 of EPCRA; the toxic chemical release inventory of Section 313 of EPCRA, which includes the reduction and recycling information required by Section 6607 of the Pollution Prevention Act; and the toxic chemical reduction goals requirements of Section 3-302 of Executive Order 12856.

18. HISTORIC PRESERVATION

The Grantee shall not remove or disturb, or cause or permit to be removed or disturbed, any historical, archeological, architectural or other cultural artifacts, relics, remains or objects of antiquity. In the event such items are discovered on the premises, the Grantee shall immediately notify said officer and protect the site and material from further disturbance until said officer gives clearance to proceed.

19. NON-DISCRIMINATION

The Grantee shall not discriminate against any person or persons because of race, color, age, sex, handicap, national origin, or religion in the conduct of operations on the premises.

20. RESTORATION

On or before the expiration or termination of this easement, the Grantee may be required to remove all or a portion of said facilities and restore the premises to the satisfaction of said officer. Any costs incurred by the Grantee as a result of such restoration will be settled in accordance with the termination provisions of Contract No. _____, the contract to own and operate the electric distribution system at Fort Knox, Kentucky.

21. DISCLAIMER

This instrument is effective only insofar as the rights of the United States in the property are concerned, and the Grantee shall obtain such permission as may be required on account of any other existing rights. It is understood that the granting of this easement does not eliminate the necessity of obtaining any Department of the Army permit which may be required pursuant to the provisions of Section 10 of the Rivers and Harbors Act of 3 March 1899 (30 Stat. 1151; 33 U.S.C. § 403), Section 404 of the Clean Water Act (33 U.S.C. § 1344) or any other permit or license which may be required by Federal, state or local statute in connection with use of the premises.

23. NON-TRANSFERRABLE RIGHTS

Conditions 5, 8, 9, 10, 12, 14 and 20 are non-transferrable rights of the Grantor. In the event of disposal of the United States' underlying fee, these rights and conditions will not transfer with the land.

THIS EASEMENT is not subject to Title 10, United States Code, Section 2662, as amended.

IN WITNESS WHEREOF, I have hereunto set my hand by authority of the Secretary of the Army, this _____ day of _____, _____.

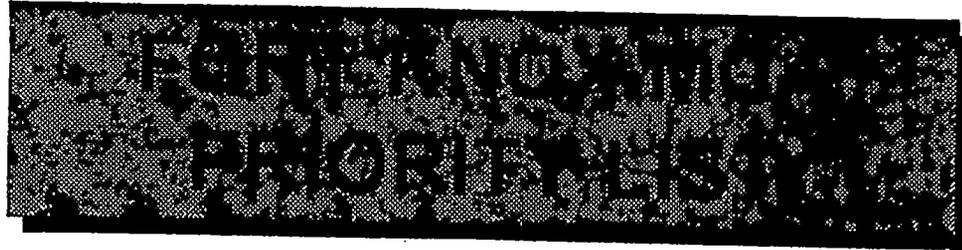
THIS EASEMENT is also executed by the Grantee this _____ day of _____, _____.

(Add Acknowledgments)

□

**FORT KNOX INSTALLATION
RESTORATION OF POWER PRIORITY LIST**

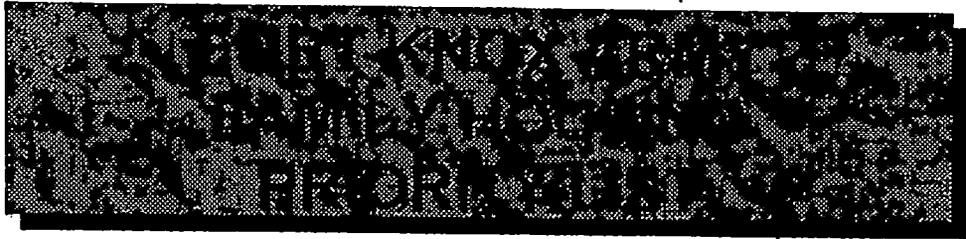
1. HOSPITAL, BLDG 851
2. (a) SEWER PLANTS, BLDGS 7206-7210, 7212 & 7213
(b) WATER PLANTS, BLDGS 1205 & 3009
3. FAMILY HOUSING AREAS
4. BARRACKS & MISCELLANEOUS BUILDINGS
5. ADMINISTRATIVE BUILDINGS



- MULTI-PURPOSE DIGITAL TNG (WILCOX) RANGE, PH II (FY00)
- MULTI-PURPOSE DIGITAL TNG (WILCOX) RANGE, PH III (FY01)
- IMPROVE PELLIS RANGE ARF
- BT BARRACKS COMPLEX, PH I
- GROUND MOBILITY TRAINING COMPLEX
- TACTICAL VEHICLE WASHRACK
- BT BARRACKS COMPLEX, PH II
- UNIVERSITY OF MOUNTED WARFARE (ARMOR HALL)
- PHYSICAL FITNESS CENTER
- FIELD CANTONMENT SITE
- RANGE ROAD EXTENSION, PH II

ANTICIPATED MAJOR CONSTRUCTION PROJECTS

Contract No. DABIT23-01-C-0030
ATTACHMENT E



GAFFEY HEIGHTS WHOLE NEIGHBORHOOD REVITALIZATION (140 UNITS)	\$30M
LITTLEFIELD LOOP, BINTER COURT WHOLE NEIGHBORHOOD REVITALIZATION (160 UNITS)	\$22M
ROSE TERRACE PH I WHOLE NEIGHBORHOOD REVITALIZATION (282 UNITS)	\$32M
ROSE TERRACE PH II WHOLE NEIGHBORHOOD REVITALIZATION (254 UNITS)	\$32M
CUSTER FARRAGUT, EDWARDS, MATTHEWS PLACE, GODMAN, PRESSLER GROVE, PRESSLER WEST WHOLE NEIGHBORHOOD REVITALIZATION (225 UNITS)	\$32M
SOUTH DIETZ WHOLE NEIGHBORHOOD REVITALIZATION (328 UNITS)	\$40M

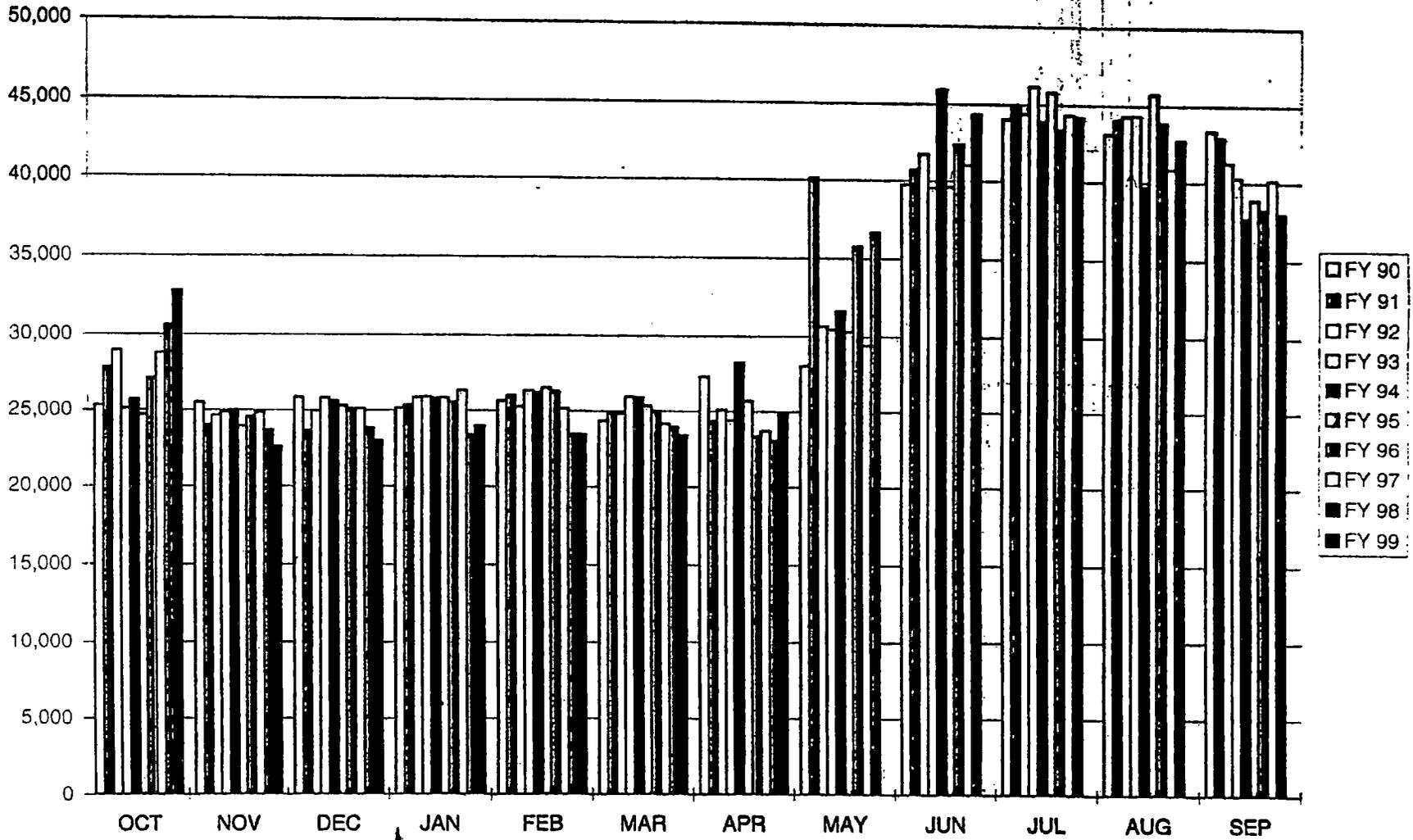
**FORT KNOX
FACILITY REDUCTION DATA**

1. **SQUARE FOOTAGE DEMOLISHED FROM FY 96
TO PRESENT (TO INCLUDE FAMILY HOUSING):** 2,353,161 SF

2. **PROGRAMMED DEMOLITION FY 99 - FY 02:** 755,757 SF

DEMAND GRAPH

ELECTRICAL DEMAND (KW)



Solicitation No. DABT23-98-R-0039
Amendment 0003

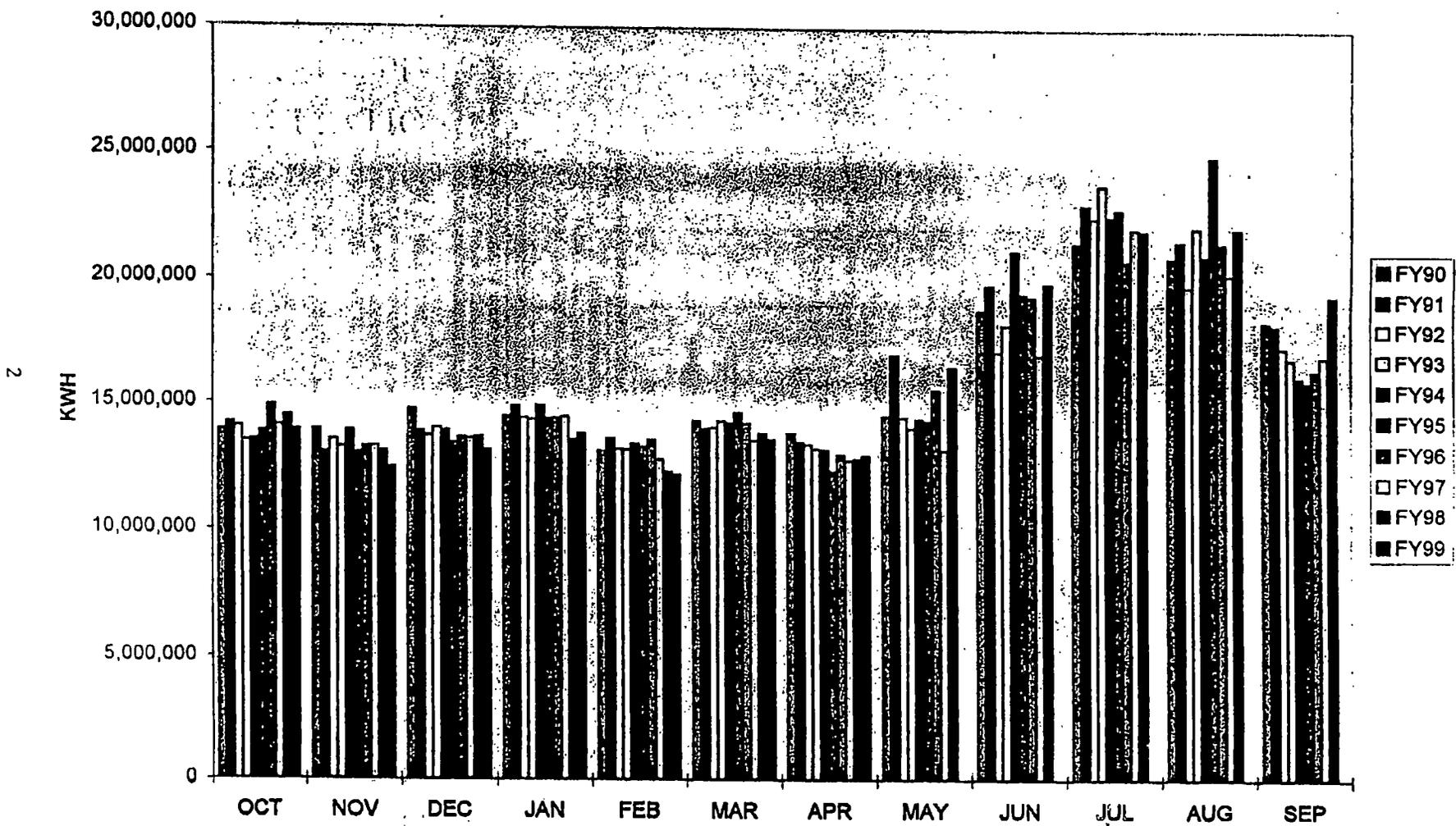
1

ELECTRICITY USAGE DATA

Contract No. DABT23-01-C-0030
ATTACHMENT G

USAGE GRAPH

FORT KNOX ELECTRIC USAGE ANNUAL COMPARISON BY MONTH



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0007		3. EFFECTIVE DATE 05/09/00	4. REQUISITION/PURCHASE REQ. NO. W22PES-8246-7819		5. PROJECT NO. (if applicable)
ISSUED BY DIRECTORATE OF CONTRACTING BLDG 4022 FORT KNOX KY 40121-5000 Steven J. Fries		CODE K04022	7. ADMINISTERED BY (if other than item 6)		CODE 0
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID:			<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. DABT23-98-R-0039	
			<input type="checkbox"/>	9B. DATED (SEE ITEM 11) 03/19/99	
			<input type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO.	
			<input type="checkbox"/>	10B. DATED (SEE ITEM 13)	
CODE 6Y589		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (if required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).				
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY					
As verbally notified by the contracting officer on May 9, 2000, the hour and date for receipt of final proposal revisions is extended to 5:00 p.m., local time, May 11, 2000. Information submitted in response to letter dated May 2, 2000 and discussions held May 8, 2000 will be accepted. Fax responses are acceptable.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign)			BY _____		(Signature of Contracting Officer)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE OF PAGES
1 1

2. AMENDMENT/MODIFICATION NO. 0006
3. EFFECTIVE DATE 05/02/00
4. REQUISITION/PURCHASE REQ. NO. W22PBS-8246-7819
5. PROJECT NO. (if applicable)

ISSUED BY CODE K04022
DIRECTORATE OF CONTRACTING
BLDG 4022
FORT KNOX KY 40121-5000
Steven J. Fries S07 (502) 624-8043
7. ADMINISTERED BY (if other than Item 6) CODE 0

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID: 00010718
9A. AMENDMENT OF SOLICITATION NO. DABT23-98-R-0039
9B. DATED (SEE ITEM 11) 03/19/99
10A. MODIFICATION OF CONTRACT/ORDER NO.
10B. DATED (SEE ITEM 13)
CODE 6Y589 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY

The hour and date for receipt of final proposal revisions is established at 5:00 p.m., local time, May 9, 2000. Only information submitted in response to letter, dated May 2, 2000 will be accepted. Fax responses are acceptable.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) CONTRACTOR/OFFEROR
15C. DATE SIGNED
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) UNITED STATES OF AMERICA
16B. BY (Signature of Contracting Officer)
18C. DATE SIGNED

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0005		3. EFFECTIVE DATE 03/01/00	4. REQUISITION/PURCHASE REQ. NO. W22PES-8246-7819	5. PROJECT NO. (if applicable)	
ISSUED BY DIRECTORATE OF CONTRACTING BLDG 4022 FORT KNOX KY 40121-5000 Steven J. Fries		CODE K04022	7. ADMINISTERED BY (if other than Item 6)	CODE 0	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID: 00010718			(X)	9A. AMENDMENT OF SOLICITATION NO. DABT23-98-R-0039	
			X	9B. DATED (SEE ITEM 11) 03/19/99	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE 6Y589	FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY

This amendment makes word corrections / changes to Section H of the solicitation as follows:

(CONTINUED ON PAGE 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

SF 30 CONTINUATION SHEET

A. The hour and date for receipt of final proposal revisions remain 2:00 p.m. local time, March 8, 2000.

B. The following revisions are made to Section H of the solicitation:

- (1) Para H.1.3, first sentence: "thirty (90) days" is amended to read "ninety (90) days".
- (2) Para H.4.3, first sentence is amended to read: "The amortized payment... for that period, and all interest accruing thereon, shall be completely repaid to the Contractor".
- (3) Para H.10.3, first sentence is amended to read: "The Government expressly...at no cost to the Government, other than applicable payments provided for in Sections H.5 and H.13, upon the termination of this contract."
- (4) Para H.13.1.1, is amended to read: "The repayment of... Capitalization Principal and all accrued interest thereon in accordance with Clause H.4."
- (5) Para H.13.1.3, is amended to read: "Plus the unamortized... Purchase Price and all accrued interest thereon and the CIAC Tax Payment and all accrued interest thereon as specified in Clause H.5.3."

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0004		3. EFFECTIVE DATE 02/18/00	4. REQUISITION/PURCHASE REQ. NO. W22PES-8246-7819		5. PROJECT NO. (if applicable)
ISSUED BY DIRECTORATE OF CONTRACTING BLDG 4022 FORT KNOX KY 40121-5000 Steven J. Fries		CODE K04022	7. ADMINISTERED BY (if other than Item 6)		CODE 0
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID: 00010718			<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. DABT23-98-R-0039	
			<input type="checkbox"/>	9B. DATED (SEE ITEM 11) 03/19/99	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE 6Y589		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY

This amendment establishes the date for receipt of final proposal revisions and amends the solicitation as follows:

(CONTINUED ON PAGE 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
CONTRACTOR/OFFEROR		UNITED STATES OF AMERICA	
15C. DATE SIGNED		18C. DATE SIGNED	
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

SF 30 CONTINUATION SHEET

A. The hour and date for receipt of final proposal revisions is established at 2:00 p.m. local time, **March 8, 2000**. Offerors shall submit final proposal revisions in original and five (5) copies in accordance with paragraph L.11 of the solicitation. The final proposal revisions shall be in writing and the Government intends to make award without obtaining further revisions.

**B. PARAGRAPH L.11.5. TIME OF ACCEPTANCE is changed as follows:
"PROPOSALS SHALL REMAIN VALID FOR A MINIMUM PERIOD OF 360 DAYS
FROM DATE OF PROPOSAL."**

C. The attached revised pages of the solicitation contain changes made to the solicitation. The following is a general list of changes. Offerors should review the attached revised pages thoroughly before submitting their final proposal revisions.

- (1) Section C: Para C.23, revision to increase term of contract to 50 years.
- (2) Section H: Para H.1.1.2 , H.1.1.3, H.5.2, H.5.2.2, and Table H-1, revisions concerning property tax.
- (3) Section L: Para L.11.5 revised per amendment para B. above. L.14.2.2, L.14.2.4 (deleted), Schedule L-1 and L-2, revisions concerning property tax.

D. Attached revised pages reflecting changes above are substituted for original pages.

Attachments

Section C - Revised pages 13
Section H - Revised pages 17, 20, 28 - 30
Section L - Revised pages 42, 48 - 51

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO. 0003	3. EFFECTIVE DATE 07/09/99	4. REQUISITION/PURCHASE REQ. NO. W22PES-8246-7819	5. PROJECT NO. (if applicable)
ISSUED BY DIRECTORATE OF CONTRACTING BLDG 4022 FORT KNOX KY 40121-5000 Steven J. Fries		7. ADMINISTERED BY (if other than Item 6) S07 (502) 624-8043	CODE 0

6. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID: 00010718	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. DABT23-98-R-0039
	<input type="checkbox"/>	9B. DATED (SEE ITEM 11) 03/19/99
	<input type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO.
	<input type="checkbox"/>	10B. DATED (SEE ITEM 13)
CODE 6Y589	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY

This amendment extends the date for receipt of offers and revises the solicitation as a result of the pre-proposal conference.

A. The date specified for receipt of offers is extended to August 3, 1999.

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) CONTRACTOR/OFFEROR	15C. DATE SIGNED	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) BY UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

SF 30 CONTINUATION SHEET

B. The attached revised pages of the solicitation contain changes made to the solicitation as a result of the pre-proposal conference. The following is a general list of changes. Offerors should review the attached revised pages before submitting their proposals.

- (1) Section C: Para C.4.5, "at its expense" is deleted.
- (2) Section H: Para H.1.1.3 is deleted. Para H.5.3 and H.5.4, Schedule L-1 references are revised. Para H.10.1.2, "at its expense" is deleted.
- (3) Section I: Para I.10, 11, 13, 14, 17, 23, 26, 27, 36 and 40 are revised.
- (4) Section J: Attachment A is revised. Attachments E, F and G are added.
- (5) Section K: Para K.3, both K.4's listed, K.6, K.7 and K.8 are revised. Paragraphs in this section have been renumbered.
- (6) Section L: Para L.2, 3, 4, 6 and 10 are revised. Para L.12.2.7, sentence is added. Para L.14.2.1 through 4, Schedule L-1 references are revised.

C. Pages 5, 6, 17 - 27, 31 - 33, 34, 35 - 40, 41 - 49 are deleted in their entirety. Attached revised pages are substituted therefor.

Attachments

- Section C - Revised pages 5 & 6 (1 sheet)
- Section H - Revised pages 17 - 27 (6 sheets)
- Section I - Revised pages 31 - 33 (1 sheet)
- Section J - Revised page 34 (1 sheet)
- Section K - Revised pages 35 - 40 (3 sheets)
- Section L - Revised pages 41 - 49 (5 sheets)
- Attachment A - Pages 37 - 41 (3 sheets)
- Attachment E - 2 pages (1 sheet)
- Attachment F - 1 page (1 sheet)
- Attachment G - 3 pages (2 sheets)

PRE-BID CONFERENCE
25 May 1999
SOL DABT23-98-R-0039
Electric Distribution System, Fort Knox KY

Sign-In Sheet

<u>Person</u>	<u>Company</u>
<u>LEE ROY FOWLER Sr</u>	<u>KENTUCKY UTILITIES</u>
<u>Chris W. Mayes</u>	<u>Kentucky Utilities</u>
<u>ED STATION</u>	<u>KENTUCKY UTILITIES</u>
<u>JOHN W. GRIGG</u>	<u>LOUISVILLE DISTRICT, USAEO</u>
<u>Louis Bates</u>	<u>LG&E Energy</u>
<u>David Cook</u>	<u>LG&E Energy</u>
<u>JIM HOLDERMAN</u>	<u>LG&E</u>
<u>KEVIN MARA</u>	<u>HI-LINE ASSOCIATES</u>
<u>Vince Hewer</u>	<u>Nolin RECC</u>
<u>LYNN LONIEA</u>	<u>GDS ASSOCIATES, INC.</u>
<u>JR CAROIN</u>	<u>DBOS</u>
<u>STEVEN FRIES</u>	<u>DOC</u>
<u>Tim Gablirsch</u>	<u>Ft. Knox SJA</u>
<u>Allan Rosling</u>	<u>Envuision</u>
<u>Larry Hicks</u>	<u>Salt River Electric</u>
<u>Willard C. Caher</u>	<u>Salt River Electric</u>
<u>Tim Sharp</u>	<u>Salt River Electric</u>
<u>Kurt Spies</u>	<u>Nolin RECC</u>

PRE-BID CONFERENCE

EXTERIOR ELECTRIC DISTRIBUTION SYSTEM

9:00 TUESDAY 25th MAY 1999

GARRISON CONF. RM.

2nd FLOOR BUILDING 1110

FT. KNOX KENTUCKY

AGENDA

1. WELCOME AND OPENING REMARKS
(STEVE FRIES, DOC)
2. MASTER PLAN BRIEF (COL JONES, DBOS)
3. ENERGY USAGE PAST AND FUTURE (J.R. CARDIN,
DBOS)
4. SECTION "L" REVIEW (RICHARD CHAISE)
5. REVIEW OF BID PROCESS (STEVE FRIES)
6. MAPS AND GIS (J. R. CARDIN)
7. TOUR (SUBSTATION AND RANGE)
8. RETURN TO 1110

Example Comparison of Privatization Bid Costs

	Fair Market Value Purchase			Nominal Value Purchase		
	<u>Case A</u>	<u>Case B</u>	<u>Case C</u>	<u>Case D</u>	<u>Case E</u>	<u>Case F</u>
Assumptions:						
System Valuation						
CIAC Tax Rate						
Upgrade Cost						
Purchase Price						
CIAC Tax Payment						
Fixed COS Margin						
Treasury Bill Adjust.						
Purchase Credit Adjust.						
Total COS Study Cost						
Property Tax						
COS Margin						
Subtotal						
Capitalization Principal						
Non-Capitalized COS						
Annual Service Cost:						
Non-Capitalized COS						
Amortized Cap. Principal						
Amortized Upgrade						
Amortized Purchase Price						
Amortized CIAC Payment						
Amortized Purchase Credit						
Total Annual Cost						

**Responses to Industry Comments on Solicitation DABT23-98-R-0039
From Pre-Proposal Conference and Site Visit
Fort Knox Electrical Distribution System**

Provided below are responses to industry comments received after the pre-proposal conference and site visit on the solicitation to provide privatized electric utility distribution service for the Fort Knox Military Reservation. These responses are not considered a part of the solicitation package. Potential offerors should carefully review Amendment 0003 for any changes to the final solicitation before submitting their technical and cost/price proposals.

Industry Comments/Questions and Fort Knox Responses:

1. **In order for the Contractor (Utility) to present an accurate and complete bid, it would be helpful to obtain specific information concerning the Cantonment and Range Areas at Fort Knox, KY. Is it the Government's intention to supply any or all of the following details -**
 - (a) Complete specifications of the existing electrical distribution system as to estimated investment cost, age, design, materials, and condition?
 - (b) Any anticipated or planned capital improvements?
 - (c) Performance and outage history (frequency and duration)?

RESPONSE: The Government has provided all available information on the system. The solicitation has been amended to include a list of Anticipated Major Construction Projects for Fort Knox; Demolition Square Footage; and Electric Demand and Usage Data.

2. **In the event Congress adopts the provisions of H.R. 1401, providing authority for the Secretary of Defense to "enter into a contract for utility services for a period not to exceed fifty years", how would DBOS interpret this proposed expansion in contracting authority, in view of the 10 year "evergreen" concept proposed in the Ft. Knox RFP?**

RESPONSE: If statutory authority changes, Fort Knox may enter into a longer term agreement.

3. **In regard to the presentations at the pre-bid conference on 5/25, please provide copies of the scenarios presented by Mr. Chais.**

RESPONSE: Copies have been included in the response packet.

4. **In regard to the cost of service, may the successful bidder incorporate into the cost of service an amortization amount relating to the cost of acquisition? If no, please explain the rationale for the response?**

RESPONSE: Costs incurred prior to the award of a contract are not the Government's responsibility. See paragraph C.2.3.

5. **Would the Government consider an extension in the due date for proposals of at least 30 days beyond the June 17, 1999 closing date?**

RESPONSE: Date for receipt of proposals has been extended.

6. Paragraph C.3. What is meant by the Utility accepting "full liability?" It is understood and designated elsewhere in this solicitation, that the Utility will not be held liable for any "pre-existing conditions." Please elaborate as to the definition of "full liability", under which the Utility will be held accountable and responsible in view of exclusions for "pre-existing conditions?"

RESPONSE: Unless otherwise excluded in the solicitation, the Contractor shall assume the liabilities associated with ownership as stated in paragraph C.4.1.

7. Para C.4.4. Considering the liability responsibilities mentioned in Section C.3, what information does the Government have concerning known or suspected locations with potentially hazardous materials? Specifically, can the Government provide the number, description, and location of known PCB transformers and PCB-contaminated transformers and other equipment, which is a part of the exterior electric distribution system? Also, please provide any available information concerning any previous or existing maintenance programs, especially with regard to testing for PCB's, tagging equipment, etc? Finally, would the Government consider allowing the contractor, under separate arrangement and prior to transfer of the system from the Government, to replace all known PCB equipment on the system with new non-PCB equipment, and turn-over to the Government all PCB equipment for storage/disposal, such that at the time of transfer there would be no PCB-contaminated equipment on the system acquired by the contractor? In regard to the reference "TSCA" and "Kentucky regulations," what does the Government believe to be the differences in requirements, if any?

RESPONSE: The solicitation has been amended to include available information on PCB transformers at Fort Knox. The Government does not intend to enter into any separate agreements for the replacement of PCB equipment. We are not aware of any differences in regulations. Full environmental compliance with applicable regulations will be required.

8. Para C.4.5. Does this reference to contractor facilities also include such facilities as office, material storage, etc., in addition to distribution facilities constructed by contractor?

RESPONSE: Yes.

9. Para C.4.5. Contractor's Facilities - this section states that the Contractor, "at its expense", shall furnish install, operate and maintain all facilities required to furnish service hereunder. Please clarify that these costs are recoverable from the Government through rates and charges per section H.5 and are not absorbed by the Contractor ("at its expense").

RESPONSE: The intent of the clause is that the Contractor would purchase the equipment, pay salaries, etc. as needed to install the facilities. Fort Knox would then compensate the Contractor under the cost of service rate. The phrase "at its expense" has been deleted by Amendment 0003 for clarification.

10. Para C.6.2. Reference is made to "... should the Post, at its discretion, determine...to modify jurisdictional prerogatives to bring ... under the direct regulatory purview of the PSC (KY)." What advance notice, if any, would the Government provide of this transition to regulation under KY PSC jurisdiction, and how would the Government propose to accomplish this? Also, what would the Government expect to accomplish through this transaction?

RESPONSE: Advance notice would be given as early as practicable. The Government would hope to achieve rate regulation and service quality if this transaction should occur.

11. Para C.7.2. Is the referenced "Service Interruption Plan" to be submitted as part of the technical proposal or is this something to be developed after award? Please explain the Government's intention.

RESPONSE: See paragraph L.12.2.2(a)(iii).

12. Para C.7.3. The Utility is expected to respond to requests/problems during normal duty and non-duty hours. One example given is: "...and requests for upgrades to existing services, such as putting overhead distribution lines underground." Is it the Government's intention to consider upgrades from overhead to underground as Minor Problems or Service Requests in the same context as the other examples given, such as street light maintenance or maintenance to existing facilities? If so, what kind of scheduling cooperation can the contractor expect, concerning scheduling of work requests? In addition, who at Ft. Knox will notify the contractor of problems, outages, etc., and in what kind of time frame will the contractor be expected to act on matters other than outages?

RESPONSE: The Government would coordinate with the Contractor on a completion schedule recognizing the magnitude of the various endeavors. See paragraphs C.8.1 and C.8.2 concerning Fort Knox points of contact.

13. Para C.7.6. Reference is given to "...a plan in place under which standby personnel may be positioned to handle short notifications ..." and "...implemented upon notification by DBOS." In light of possible requests due to a national/state emergency, military exercise or alert, what designated personnel does the Government anticipate would be assigned and what is considered "reasonable advance notification?" Also, how often are non-national/state emergency events expected to occur and is the cost associated with standby personnel includable in the cost of service?

RESPONSE: Given the occurrence of "special situations" as described by this paragraph, the Government, as an example, may require a dedicated group of contractor personnel to ensure uninterrupted service or minimum interruptions of service during this time. The contractor's plan should address how additional resources may be made available to Fort Knox if needed. Cost associated with standby personnel could be included in the cost of service.

14. Para C.10. Electric System Inventory (Inventory Summary, Section J - Attachment A, Inventory Report - On Site Investigation), a random sample of facilities was

performed in September 1997. In order for the contractor to receive a more accurate and complete inventory of distribution system assets (as to estimated value, specifications, age, and condition), does the Government intend to provide any such additional details prior to the closing? If so, please indicate what the Government is or is willing to provide, and when.

RESPONSE: The Government has provided all available information on the system (reference response to Question 1 above).

15. Para C.16.1. Permit or License - the permit or license to enter the premises is described as revocable. Under what conditions might access be revoked? What will the Contractor's obligations be under the contract if access to the premises is not made available?

RESPONSE: Access may be revoked in the case of emergency situations. The Contractor would not be obligated to provide service under this situation.

16. Para C.19. If a Utility located facilities on post (i.e., a storeroom and office), would existing buildings be available or would the Utility be required to construct their own? Would they lease property and would this lease payment be part of the annual COS in the form of a credit?

RESPONSE: Existing buildings will not be made available under this contract.

17. Para C.24. Guarantee of employment. How many employees are included in this? Are they currently working as linemen or electrical specialists? Are they in any organized labor bargaining unit? Would their compensation levels be available? What is their current benefit package?

RESPONSE: Information on affected personnel will be provided to the selected contractor. Compensation and benefits of former employees will be consistent with current company practices.

18. Para C.26.1. Transition/Phase-In. Reference is made to the existing contracts that may be in place with the Government during the first part of the phase-in period. Please confirm that Contractor will not assume any of the existing contracts but will "honor" their terms until they expire.

RESPONSE: That is correct.

19. Para H.1.1. Annual COS. This section describes the "costs to operate, maintain, repair and/or replace all or portions of the electric distribution system" including "direct labor, materials, franchise fees, and other similar costs," and "projected management costs." Please confirm that there may be other appropriate costs not described above which would be recoverable from the Government through the rates and charges per section H.5.

RESPONSE: Other costs may be recoverable, provided, as stated in paragraph H.1.1.2, "that the incidence of such...similar charges was duly identified by the Contractor in Schedule L-1."

- 20. Para H.1.1.3. Please explain the referenced "project management costs" which does not appear to exist on Schedule L-1, L-2, or H-1, although this did appear in the "draft" RFP?**

RESPONSE: The solicitation has been amended to delete this reference. All costs associated with owning and operating the system should be included in the Draft COS Study.

- 21. Para H.1.3. In regard to the considerable effort of the contractor to prepare for ownership transition after award, additional information to be gathered, and consideration of capital improvement items in the cost of service, would the Government consider extending the due date for the initial draft Cost of Service Study to 60 or 90 days after award?**

RESPONSE: The solicitation has been amended to extend the due date for submission of the initial Draft COS.

- 22. Para H.3.2. This section states that the Government may direct that all or a portion of the recommended annual costs be financed up to the "available financing amount". Is the "available financing amount" a cap or limit to the amount the Government can finance? If so, what is the value of the financing limit? What control does the contractor have over how much is financed each year or in aggregate?**

RESPONSE: Paragraph H.3.1 requires the Contractor to maintain capability to finance costs of not less than Seven Million Dollars. Paragraph H.3.2 allows the Contractor to exceed this amount at its discretion.

- 23. Para H.4.3. Please confirm that the "amortized payment applicable to each cost of service period shall continue until such time as the Capitalization Principal and all accrued interest thereon" has been repaid.**

RESPONSE: That is correct.

- 24. Para H.5.3. Government Facility Purchase Charge. Please confirm that the first reference to Lines A-5 and A-6 of Schedule L-1 should be referenced to Lines A-4 and A-5.**

RESPONSE: The solicitation has been amended to correct these references.

- 25. Para H.5.4. Government Facility Purchase Credit. Please confirm that the references to Line A-7 of Schedule L-1 should be referenced to Line A-6.**

RESPONSE: The solicitation has been amended to correct this reference.

26. Para H.10.1.2. This section states that the Contractor, "at its expense", shall furnish, install, operate and maintain all facilities required for the distribution of electrical power within the service premise. Please clarify that these costs are recoverable from the Government through the rates and charges per section H.5 and are not absorbed by the Contractor ("at its expense").

RESPONSE: The phrase "at its expense" has been deleted by Amendment 0003 for clarification. (See Question 9 also.)

27. Para H.13.1. Termination Liability. Please confirm that the termination liability with respect to the provision of electric distribution service under this contract includes the "repayment of any outstanding Capitalization Principal" and interest accrued thereon "in accordance with Clause H.4.

RESPONSE: That is correct.

28. Para H.16.1. Please confirm that the Contractor is not responsible for any pre-existing environmental liabilities whether caused by violations of environmental law by the Government or by other means.

RESPONSE: That is correct.

29. Para H.16.4. Please confirm that the Contractor is required to cease work at the site following its own discovery of the problem or following its receipt of notice of the problem from the Government.

RESPONSE: That is correct.

30. Para L.12.2.7(b). FERC Form 1 is listed as mandatory. RECC's are not required to complete this form. How should an offeror address this?

RESPONSE: The solicitation has been amended to clarify this section.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 06/10/99	4. REQUISITION/PURCHASE REQ. NO. W22PES-8246-7819		5. PROJECT NO: (if applicable)
ISSUED BY DIRECTORATE OF CONTRACTING BLDG 4022 FORT KNOX KY 40121-5000 Steven J. Fries		CODE K04022	7. ADMINISTERED BY (if other than Item 8)		CODE 0
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID: 00010718			<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. DABT23-98-R-0039	
			<input type="checkbox"/>	9B. DATED (SEE ITEM 11) 03/19/99	
				10A. MODIFICATION OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE 6Y589	FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY

A. This amendment extends the date for receipt of offers to July 16, 1999.

B. The Government is currently researching responses to questions submitted by offerors at the pre-proposal conference. An additional amendment will be issued within approximately 10 calendar days providing those responses.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO.

0001

3. EFFECTIVE DATE

05/05/99

4. REQUISITION/PURCHASE REQ. NO.

W22PES-8246-7819

5. PROJECT NO. (If applicable)

ISSUED BY

CODE

K04022

7. ADMINISTERED BY (If other than Item 6)

CODE

0

DIRECTORATE OF CONTRACTING
BLDG 4022
FORT KNOX KY 40121-5000

Steven J. Fries

S07(502) 624-8043

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Vendor ID: 00010718

(X)

9A. AMENDMENT OF SOLICITATION NO.

DABT23-98-R-0039

X

9B. DATED (SEE ITEM 11)

03/19/99

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE

6Y589

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EXTERIOR ELECTRICAL DISTRIBUTION SYSTEM AT FORT KNOX, KENTUCKY

This amendment establishes the date and time for the pre-proposal conference and site visit.

A. Page 42 of the solicitation, paragraph L.10 is deleted in its entirety. The following revised paragraph L.10 is substituted therefor:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY _____
(Signature of Contracting Officer)

SITE VISIT AND PRE-PROPOSAL CONFERENCE.

L.10.1 A site visit and pre-proposal conference are scheduled for 9:00 a.m. through 12:30 p.m. LT, on Tuesday, May 25, 1999 starting at Bldg T-72, Fort Knox, Kentucky. The following agenda is planned for the conference:

9:00 - 10:00 Briefings with Question & Answer Session
 a. FORT KNOX MASTER PLAN SUMMARY BRIEF
 b. FORT KNOX ELECTRICITY USAGE BRIEF
 c. SECTION L & H (COST OF SERVICE) BRIEF
 d. QUESTION & ANSWER SESSION

10:00 Distribution of Available Technical Data
 a. GIS INFO ON DISK
 b. HARDCOPY OF AVAILABLE MAPS & DRAWINGS

10:00 - 11:30 Tour of Post Facilities
 a. SUBSTATION(S) - one or two
 b. RANGE AREA

11:30 - 12:00 Submission of Additional Offeror Questions.

The Government requires at this point that additional questions be submitted in writing. Questions will be accepted by the Contracting Officer through close of business on Friday, May 28, 1999 to allow Offerors time to review the information presented.

L.10.2 An amendment will be issued providing responses to questions submitted, available briefing data, and, if applicable, any changes to the solicitation as a result of the conference.

L.10.3 Fort Knox is an open reservation and viewing the majority of the electrical distribution system is possible without escort during normal duty hours (8:00 a.m. to 4:30 p.m., Monday through Friday). The Government shall make electrical distribution system drawings and engineering data available for inspection by the Offerors during normal duty hours, after a reasonable request and coordination with the Government has been established. POC within the Fort Knox DBOS is Mr. Lewis Graham, 502-624-1264; e-mail: GrahamL@ftknox-emh3.army.mil.

B. The time and date for receipt of offers remain 2:00 p.m., LT, June 17, 1999.

Nolin Rural Electric Cooperative Corporation
Case No. 2016-00367
Attorney General's Initial Request for Information

37 Reference the Nolin application generally. Identify the test year, filing date, rate effective date, and rate increase (both dollar and percentage) for the Company's last three (3) rate cases.

a. Provide the level of rate case expense incurred for the last three (3) rate cases. Also, indicate which cases were settled and which were litigated. For the settled cases, also indicate at which stage they were settled.

Response:

Case No	Test year	Filing Date	Rate effective date	Actual \$ Rate Increase	Proposed % Rate increase			Nolin Case Expenses
2006-00484	EKPC Pass through case - EKPC assisted	.	4/1/2007	\$1,171,651.00		East Ky Case No 2006-00472		\$0.00
2006-00466	3/28/2007		1/1/2008	\$2,598,845.00	8.06%	Joint Settlement		\$ 99,789
90-064 - EKPC Assisted		4/23/1990	6/1/1990	-\$576,000.00		negotiated and settled 10/11/1990		Est-\$4,500
			11/1/1990	-\$200,000.00				
8481	01/01/1981 - 12/31/1981	3/31/1982	10/1/1982	\$382,368.00	3.49%			records not readily available