

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

APPLICATION OF CUMBERLAND VALLEY)
ELECTRIC, INC FOR APPROVAL OF A PREPAY) CASE NO 2014-00139
METERING TARIFF)

APPLICATION

Cumberland Valley Electric, Inc ("CVE") respectfully submits this application seeking approval of a prepay metering tariff. The petition respectfully shows:

1. CVE is a nonprofit electric cooperative organized under KRS Chapter 279 and is engaged in the business of distributing retail electric power to member customers in the Kentucky counties of Bell, Clay, Harlan, Knox, Laurel, Leslie, Letcher, McCreary, and Whitley. CVE serves about 24,000 member-customers and has 2,633 miles of distribution lines in its nine county service territory.
2. CVE's mailing address is P.O. Box 440 Gray, KY 40734. CVE's email address is psc@cumberlandvalley.coop
3. The Articles of Incorporation for CVE are filed in Case No. 7772 with one amendment filed in Case No. 2005-00187.
4. This Application is for the purpose of requesting approval of a prepay metering program in accordance with the terms set forth in the proposed tariff attached as Exhibit A of this application.
5. The prepay metering program shall be a completely voluntary program. A copy of the "Agreement" for participation in this prepay program is attached as Exhibit B of this application.
6. Testimony of the Prepay Tariff and Program is filed herewith as "Exhibit C".
7. CVE's Prepay Administrative Guidelines are filed herewith as "Exhibit D".
8. CVE's Cost Analysis for the prepay program is filed herewith as "Exhibit E".

9. CVE's December 2013 Form 7 is filed herewith as "Exhibit F".
10. CVE further requests a deviation from 807 KAR 5:006, Section 15 (f)1, which requires a written notice of service termination for non-payment, insofar as such notice would apply to their prepay metering program. It is the understanding of CVE that such a deviation has previously been approved in PSC Case No. 2010-00210, Jackson Energy Cooperative's tariff filing for prepaid electric service, PSC Case No. 2012-00260, Blue Grass Energy's tariff filing for prepaid electric service, PSC Case No. 2011-00141, Nolin Rural Electric Cooperative, and PSC Case No. 2012-00437, Farmers Rural Electric Cooperative.

WHEREFORE, Cumberland Valley Electric, Inc requests that the Public Service Commission of the Commonwealth of Kentucky issue an Order authorizing CVE the approval of this prepay metering program.

Dated at Gray, Kentucky this 21st day of April, 2014.

W. Patrick Hauser
P.O. Box 1900
Barbourville, Kentucky 40906
606-546-3811
phauser@barbourville.com



W. Patrick Hauser, Attorney for
Cumberland Valley Electric, Inc

FOR All Territory Served

PSC KY NO. 4

ORIGINAL SHEET NO. 79

CANCELLING PSC KY NO. _____

SHEET NO. _____

Cumberland Valley Electric, Inc.
(NAME OF UTILITY)

PREPAY SERVICE

STANDARD RIDER:

Cumberland Valley Electric's Prepay Service ("Prepay") is an optional rider to Rate Schedule 1 – Residential Service as defined by the Cooperative.

AVAILABILITY:

All Rate Schedule 1 - Residential services, excluding accounts on Levelized/Fixed Budget, Automatic Bank Draft, Net Metering, accounts greater than 200 Amp Service and three-phase accounts within the territory served by Cumberland Valley Electric.

MONTHLY RATE:

Consumer Facility Charge:	\$ 5.74 (\$0.191 per day)
Energy Charge per kWh:	\$ 0.08563
Prepay Service Fee:	\$ 3.00 (\$0.10 per day)

TERMS & CONDITIONS:

Members who qualify as defined above in "Availability" may choose to voluntarily enroll their electric account(s) in the Prepay service and are subject to the following:

1. Each member electing Prepay will be subject to all other applicable rules and regulations which apply to members using the residential tariff, without the Prepay rider.
2. Members should have internet access or the ability to receive electronic communications, including texting services to participate in the voluntary Prepay service.
3. Any member choosing to enroll in Prepay shall sign a *Prepay Service Agreement* ("Agreement"). The Agreement shall remain in effect until the member notifies Cumberland Valley Electric, in writing, to cancel the Agreement.
4. Upon written cancellation of the Agreement, the member shall be subject to the conditions of the applicable tariff, without the Prepay rider. In accordance with Cumberland Valley Electric's current Rules and Regulations, this may require a security deposit to be paid by the member at the time of cancellation of the Prepay service.

DATE OF ISSUE _____
MONTH / DATE / YEAR

DATE EFFECTIVE _____
MONTH / DATE / YEAR

ISSUED BY _____
SIGNATURE OF OFFICER

TITLE _____

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE
COMMISSION IN CASE NO. _____ DATED _____

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CANCELLING PSC KY NO. _____

_____ SHEET NO. _____

Cumberland Valley Electric, Inc.
(NAME OF UTILITY)

PREPAY SERVICE (CONTINUED)

5. Any special equipment issued to the member for participation in Prepay shall be returned in good working condition by the member. Refusal by the member to return the equipment shall result in replacement cost of the equipment being charged to the member.
6. The Consumer Facility Charge and Energy Charge will be the same as Cumberland Valley Electric's applicable residential tariff. The Energy Charge per kWh will be calculated and deducted from the member's account on a daily basis. The Consumer Facility Charge and Prepay Service Fee will be pro-rated and deducted from the member's account on a daily basis.
7. The Fuel Cost Adjustment and Environmental Surcharge will be charged or credited to the account daily. The Fuel Adjustment and Environmental Surcharge will be the rates in effect for the time of update.
8. The Prepay account will not be subject to deposits, late fees, disconnect fees, and reconnect fees.
9. At the time Prepay is activated for an account, the initial purchase is recommended to be a minimum of \$100.00. Purchases beyond the point of activation will be at an increment of the member's choosing, with a minimum purchase being \$20.00. Members may apply funds to their prepay account(s) by most methods as post pay and include the following: credit card, debit card, check and cash. Payment can be made via the website, phone, smart phone application and in person at one of Cumberland Valley's offices. Payment methods are listed on Cumberland Valley Electric's website, www.cumberlandvalley.coop.
10. When an existing member selects to participate in Prepay and has a security deposit on file, the deposit and any accumulated interest will not be refunded. The deposit will be converted into a credit on the Prepay account going forward. No crediting of the deposit to the Prepay account shall occur if the deposit is needed to cover a pre-existing indebtedness by the member or the member has another account(s) which does not have a satisfactory credit history, the remaining credit will be transferred as a deposit to the unsecured account(s).

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Cumberland Valley Electric, Inc.
(NAME OF UTILITY)

PREPAY SERVICE (CONTINUED)

11. If a member who has not participated in Prepay is disconnected for non-payment, the member may request to be reconnected and enrolled in Prepay. If the member is unable to pay the account balance in full for the disconnected account, a payment plan whereby future purchases for Prepay will be split 70/30 until the old debt is retired will be established. Seventy percent (70%) of the payments will be applied to new purchases and thirty percent (30%) will be applied towards retirement of the previous balance minus any applicable deposit.
12. A prior member, who previously received service from Cumberland Valley Electric and discontinued service without paying his/her final bill, (i.e. an uncollectible account/bad debt) will be required to pay the past due amount prior to establishing prepay service. If the member is unable to pay the account balance in full, a payment plan whereby future purchases for Prepay will be split 50/50 until the old debt is retired will be established. Fifty percent (50%) of the payments will be applied to new purchases and fifty percent (50%) will be applied towards retirement of the previous balance.
13. Once an account is enrolled in Prepay, the account will no longer be eligible for additional payment arrangements.
14. Financial assistance from community action or other agencies received for a Prepay account will be credited to the balance of the Prepay account upon receipt of a voucher or other supporting official documents of commitment from the agency providing assistance.
15. When a Prepay account reaches a balance of \$25.00, an automated message(s) will be processed and sent to the member and no written notice will be sent by mail.
16. If a payment on a Prepay account is returned for any reason, the account is subject to the service fee as provided in Cumberland Valley Electric's Rules and Regulations.
17. Members presenting a Winder Hardship Reconnect, Certificate of Need or Medical Certificate as provided in 807 KAR 5:006, Sections 14, 15, and 16 will be removed from Prepay and the account will return to the status of a post-pay account.

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Cumberland Valley Electric, Inc.
(NAME OF UTILITY)

PREPAY SERVICE (CONTINUED)

- 18. A monthly paper bill will not be mailed to a member who elects to participate in Prepay. The member may view their Prepay account status on Cumberland Valley Electric's website. Based on the Prepay notification system, the account should not be eligible for past-due status, therefore; a delinquent notice will not be processed or mailed.
- 19. A Prepay account will be disconnected if the balance of the account becomes negative. The account will be disconnected regardless of weather/temperature as the member is responsible for ensuring that the Prepay account is adequately funded. Cumberland Valley Electric discourages participation in the Prepay program if the member cannot ensure proper funding.
- 20. If a Prepay account is disconnected due to lack of funds or any other reason, Cumberland Valley Electric shall be held harmless for any damages due to loss of energy service. Likewise, if the account is disconnected and the member applied funds to the Prepay account thus causing the account to be reconnected, the member accepts full responsibility for any damages to the location caused by the account being reconnected and holds the Cooperative harmless from any damages arising from such a reconnection.
- 21. Prepay accounts will be billed daily with a month-end billing being processed to finalize any applicable miscellaneous fees such as billing contracts, EnviroWatts, WinterCare, etc.
- 22. If a request is made to disconnect the service at a Prepay account, any remaining balance will be transferred to other active accounts, if applicable, or refunded in form of check.
- 23. Should damage occur to the equipment as a result of malice or neglect by the member, the member shall be billed for the replacement cost of the equipment.
- 24. Members may check the status of a Prepay account by utilizing Cumberland Valley Electric's website or by calling the office at any time.

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BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE
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**CUMBERLAND VALLEY ELECTRIC, INC.
AGREEMENT FOR PREPAY SERVICE**

Member Name	_____	Home Phone	_____
Account No.	_____	Cell Phone	_____
Service Address	_____	Cell Carrier	_____
	_____	E-mail	_____

The undersigned (hereinafter called the “member”) hereby applies for participation in the voluntary Prepay service offered to members of Cumberland Valley Electric, Inc. (hereinafter called the “Cooperative”), and agrees to the following terms and conditions:

1. The member shall purchase electric energy from the Cooperative in accordance with the present and any future rate schedule of the Cooperative on a Prepay basis for the above referenced account.
2. The member understands that the terms and conditions set forth in the member’s Application for Membership continue to apply in addition to the terms and conditions of this Agreement for Prepay Service, subject, however, to any changes set forth in this agreement.
3. The member shall pay any fees as applicable by the Cooperative bylaws and the Cooperative Rules and Regulations as approved by the Kentucky Public Service Commission and as may be required for the member to participate in the Prepay electric service program.
4. Any deposit on the above referenced account will be applied to the final billing for the post-pay account before the account changes to Prepay service. Any credit remaining on the account will be applied to the Prepay account. However, if the member has another account(s) which does not have a satisfactory credit history, the remaining credit will be transferred as a deposit to the unsecured account(s). The deposit will only be refunded by applying it to the member’s account(s) as described above.
5. Those members participating in Prepay service will not be mailed a monthly paper bill for electric usage or other applicable fees or charges. Account information may be obtained from the web portal or by contacting the office.
6. The member shall pay a daily program fee and a daily consumer customer charge. This amount will be in addition to the charges included for the fuel cost adjustment and environmental surcharge rates which will be charged or credited to the account based upon the effective rates. The effective rates of the fuel adjustment and environmental surcharge will be the rates in effect when kWh’s are used.
7. During any interruption, outage and/or disconnections, the customer charge, Prepay fee and any security light charges will continue to accrue.
8. If a member changes any of the contact information (i.e. e-mail address, phone number, etc.) provided on this agreement, it is the responsibility of the member to notify the Cooperative of any such changes immediately. It is the member’s responsibility to manage their own communication devices.
9. When the amount of funds remaining on a Prepay account reaches the established threshold of \$25.00, an automated message will be sent to the member rather than a traditional, written notice sent by U.S. Mail. The Cooperative shall not be responsible for any failure of the member to receive the automated message for any reason(s).
10. The member shall be responsible for regularly monitoring the balance on the Prepay account and understands that the electric service will be subject to disconnection without any written, verbal or other method of notification from the Cooperative to the member once the balance of the account reaches a negative balance. If the member cannot ensure proper funding, the Cooperative recommends the member not utilize the Prepay service.
11. Budget billing, automatic draft, net metering, three-phase accounts and accounts greater than 200 amp service are not eligible for Prepay service.
12. Should the member have a payment returned for any reason, the returned payment will be charged to the Prepay account. The member’s account shall also be charged a return payment fee as referenced in the Cooperative’s PSC approved Rules and Regulations in addition to the returned payment amount. If there are not sufficient funds to cover the returned item and fee, the account will be disconnected immediately.
13. If a Prepay account is disconnected due to lack of funds or any other reason, the Cooperative shall be held harmless for any damages due to loss of energy service. Likewise, if the account is disconnected and the member applied funds to the Prepay account thus causing the account to be reconnected, the member accepts full responsibility for

any damages to the location caused by the account being reconnected and holds the Cooperative harmless from any damages arising from such a reconnection.

14. By signing this agreement, the member affirms there are no residents in the home that currently have medical conditions that will be impacted by loss of service. Should this status change, the member shall contact the Cooperative in writing, at which time the account will be removed from Prepay service. It is the responsibility of the member to confirm the Cooperative is in receipt of the written request for removal from Prepay service.
15. A Prepay account will be disconnected if the balance of the account becomes negative. The account will be disconnected regardless of weather or temperature as the member is responsible for ensuring that the Prepay account is adequately funded.
16. Financial assistance from community action or other agencies received for a Prepay account will be credited to the balance of the Prepay account upon receipt of a voucher or other supporting official documents of commitment from the agency providing assistance.
17. If a member on a Prepay account presents a Certificate of Need, a Medical Certificate or qualifies for a Winter Hardship Reconnect, the member shall be required to transfer to a post-pay service account.
18. The member authorizes the Cooperative to transfer the unpaid balance of \$ _____ from the member's post-pay account to the Prepay service account. The member also authorizes the kWh used since the last bill date until the meter is changed to Prepay service to be calculated and transferred to the Prepay account. The member further agrees that thirty percent (30%) of any future purchases for funding the Prepay account shall be applied to the balance until said balance is paid in full. Any fees/penalties (returned payment, meter tampering, etc.) shall be paid before any purchases for funding is applied to the member's Prepay account.
19. For a prior member who previously received service from Cumberland Valley and discontinued service without paying his/her final bill, (i.e. an uncollectable account/bad debt), the member agrees that if the uncollectable account/bad debt is not paid in full upon enrolling in the Prepay Program, fifty (50%) of any payments made on this account in the future shall be applied to the balance until said uncollectable account/bad debt is paid in full. The member authorizes the Cooperative to transfer the uncollectable account/bad debt balance of \$ _____ to the Prepay Account.
20. A Prepay account shall not be eligible for future payment plan arrangements.
21. If a member wishes to disconnect service, the member shall be refunded any balance on the Prepay account. Any refund will be processed in the same manner as a post-pay account refund.
22. The member, by signing this agreement, confirms the ability to receive electronic communications which is required to be eligible for the Prepay service.
23. The Prepay agreement shall be in effect for (1) year. After one year, the member may elect to opt out of the Prepay program by submitting a request for cancelation to Cumberland Valley in writing. If Prepay service is ended, the member must meet the requirements of a post-pay account for continued service.
24. Members may apply funds to a Prepay account by most payment methods available for post-pay service and provided on Cumberland Valley's website at: www.cumberlandvalley.coop
25. The undersigned agrees that Cooperative personnel has comprehensively explained this Prepay program and have fully informed the member of all aspects of the program.

Member Signature: _____ SSN: _____ Date: _____

Member Signature: _____ SSN: _____ Date: _____

CSR Signature: _____ Date: _____

Preferred Method of notification is (please check one): **E-Mail** **Text**

OFFICE USE ONLY

SO Number _____ Date Installed _____

Customer NO. _____ Initials _____

Comments _____

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION
IN THE MATTER OF:
THE APPLICATION OF CUMBERLAND VALLEY ELECTRIC, INC
FOR APPROVAL OF A PREPAY METERING PROGRAM TARIFF

PREPARED TESTIMONY OF MARY ELIZABETH PURVIS

Q1: State your name and business address.

A1: I am Mary Elizabeth Purvis and my business address is 4004 Port Royal Drive
Richmond, KY 40475

Q2: What has been your role in this tariff?

A2: My role in this application has been to develop the tariff and the rates proposed in the
tariff and to advise in the overall development of this filing and the overall program.

Q3: What is your professional experience in the area of electric utility rate making?

A3: I am employed by Jim Adkins Consulting (JAC) to assist in utility rate cost of service
studies, rate design, revenue requirement determination, financial forecasting, regulatory
affairs and other matters pertaining to electric cooperatives. I am also an Instructor of
Economics and Mathematics.

Q4: What is your educational background?

A4: I received two Bachelor's Degrees in Economics and Mathematics from Centre College.
I also possess a Master's Degree in Economics from the University of Georgia and a
Master's Degree in Business Administration from Morehead State University.

Q5: Have you ever appeared as a witness before this Commission?

A5: Yes, I have appeared as a witness before this Commission.

Q6: What is the basis for the rates contained in the proposed tariff?

A6: The basis for the rates found in this tariff is an estimate of the annual expenses for this
program. They were calculated similarly to how the rates were calculated for previous
prepay filings, specifically in PSC case #2012-00437 for Farmers Rural Electric
Cooperative Corporation (Farmers) and in PSC case #2013-00129 for Shelby Energy
Cooperative (Shelby).

Q7: How many members did Cumberland Valley Electric (CVE) use to estimate participation
in developing the rates contained in the proposed tariff?

A7: CVE is estimating that 675 members will use the program. This number was calculated similarly to how Farmers' and Shelby calculated theirs in that 675 represent approximately three percent of its members. The timeframe for obtaining this number of participants cannot be determined at the present time.

Q8: Please explain how the Prepay Tariff Program works.

A8: CVE customer information system (CIS) and automated metering infrastructure (AMI) software are multi-speak compliant and interface seamlessly. The interface allows the member to make a payment to their electric account through most methods used by post pay members as listed on CVE's website. The amount deposited is then available for viewing on the web portal. Prepay accounts will be billed electronically at least once a day to show the remaining funds on the account. This daily balance is available for the member to view on the web portal. When the amount of funds remaining on a prepay account reaches the established threshold of \$25, an automated message will be sent to the member through texting and/or email alerting the member. The member then deposits more into the account. If the account balance becomes negative, service will be disconnected. Once a payment is made, service will be reconnected. Service disconnection and reconnection will be automatic with the installation of an AMI meter equipped with a disconnect feature. This meter interfaces with the AMI system and is remotely activated with a reconnect if an amount is applied to the account or disconnected when the account balance becomes negative.

Q9: Please discuss the computation of the proposed rates.

A9: The basis for the rates found in this tariff is an estimate of the annual expenses for this program based on the additional investment required for each customer that may participate in this program. It was calculated similarly to how the rates were calculated for Farmers and Shelby in that the rate is determined by the incremental costs per member. Exhibit E of this application contains the calculation for the proposed rate.

Q10: Please explain further how the \$3.00 monthly fee was derived.

A10: The \$3.00 monthly fee was found by finding the annual additional investment, specifically the investment in the AMI meter equipped with a disconnect feature. This cost of the prepay meter was then multiplied by the percent of annual fixed charges to find an annual cost. This resulting annual cost was divided by twelve to obtain the monthly incremental cost. Finally, four monthly communication fees (texts) were added. Four communication fees was used because in other prepay programs it has been found be the average number of texts a customer receives each month. Please see Exhibit E, Part C of this application for these calculations.

Q11: What is the annual fixed charged rate and how was it calculated?

A11: The annual fixed charged rate represents the percent of total costs that are fixed. Or, more simply it represents the percentage of the prepay meter that would be applied to a member's customer or fixed charges during a full cost of service study. To find, the percentage of total Distribution Plant Costs for which Deprecation, Distribution Operation and Maintenance and Administrative and General each contribute was calculated (See Exhibit E Section B1, B2, and B3 and Exhibit F.) Each of these percentages was summed resulting in the percent of total distribution costs that are fixed. Next an annual return on the prepay meter investment was calculated. This calculation is based on actual debt and interest for the test year and return on equity based on a TIER of 2.00. (See Exhibit E Section B4.) The annual return percentage and the annual total costs percentage are summed to arrive at an annual percent of costs that are fixed. (See Exhibit E Section A)

Q12: Why did CVE follow such process in determining the prepay program costs and not use actual costs related to the proposed prepay program as other cooperatives such as Bluegrass Energy?

A12: CVE decided to follow this approach and to look at the cost of the incremental investment and determine a cost based on its general cost structure so to provide as low a fee as it could to justify the program. CVE wants to make this fee as reasonable as possible and to make it potentially attractive to any member.

Q13: How does the computation of the monthly cost compare to the monthly computations of other prepay programs, for example Bluegrass Energy's?

A13: Exhibit C-1 illustrates the monthly prepay costs for CVE using Blue Grass Energy's approach. Here, CVE is estimating 675 members participating. As seen, the monthly cost is estimated at \$5.54 per month. Since CVE's goal is to offer as low of a monthly fee as possible, CVE is not utilizing this approach.

Q14: Please discuss the proposed AMI meter equipped with the disconnect feature and how it differs from a disconnect collar coupled with a meter used in other prepay programs.

A14: In lieu of installing a disconnect collar behind the existing AMI meter for prepay participants, CVE will install a new meter that has a disconnect device embedded within the meter. CVE's incremental cost of the AMI meter with the disconnect device is \$225.79. Please see the table below for these calculations.

	Meter equipped with internal disconnect device	
	Post Pay	Prepay
AMI meter (regular)	\$43.65	
AMI meter w/ disconnect feature		\$269.44
Total Cost	\$43.65	\$269.44
Incremental Cost		\$225.79

Q15: Why is there not a transaction fee proposed in this tariff?

A15: A transaction charge is not added to the monthly prepay fee because CVE's approach was to look at the incremental investment only and to provide as low a fee as possible.

Q16: Who is eligible?

A16: Rate Schedule 1 (Residential) accounts within the territory serviced by the Cooperative are eligible except the following:

- Accounts on Levelized/Fixed Budget Billing
- Accounts on Automatic Bank Draft
- Accounts on Net Metering
- Accounts with Ancillary Services
- Three phase accounts
- Due to restraints of the AMI switches, those accounts greater than 200 amp service
- Medical Certificate

Q17: Please explain in more detail the balance monitoring and balance alerts for the Prepay Program.

A17: The member shall be responsible for regularly monitoring the balance on the Prepay account. The account will be adjusted daily and will be available for viewing on the web portal or by calling the automated customer service. Updates will occur once daily. When the amount of funds remaining on the Prepay account reaches the established threshold of \$25, an automated message will be sent to the member. An established threshold amount was chosen because it is a uniformed amount across the program for all users. The amount of \$25 was determined to be the cost of an average of four days' estimated usage. A monthly paper bill will not be mailed to members who receive prepay service nor will a delinquent notice be mailed on prepay accounts.

Q18: Please provide a screen print of all screens available on the computers of participants in the prepay program.

A18: Please see Exhibit C-2 for an example.

Q19: Please provide an example of an automated text and e-mail.

A19: Please see Exhibit C-3 for an example

Q20: Please provide a summary of the estimated hardware and software costs, implementation costs, and monthly support and maintenance fees from your CIS Company.

Q20: Please see Exhibit C-4.

Q21: Please provide information from the manufacture on the type of metering equipment installed in CVE's prepay program.

A21: Please see Exhibit C-5.

Q22: When do disconnects occur?

A22: A prepay account will be disconnected if the balance of the account reaches a negative balance. The account will be disconnected regardless of weather/temperature as the member is responsible for ensuring that the prepay account is adequately funded. Service will be reconnected once the prepay account is funded. Disconnects will not occur over the weekend. If the balance becomes negative over a weekend, service will continue until the following Monday. If the following Monday is a holiday, the service will be disconnected at the following normal work day. If the account balance becomes negative on a holiday, service will continue until the following normal work day.

Q23: How will communication be impacted during major outage situations?

A23: The two-way communication will not be available during power outages. This means that the automatic reconnect or disconnect function will not operate without power. During major outage situations, the automatic disconnect function of prepay program will be suspended until CVE has restored power to all customers.

Q24: In special circumstances in which the tariff is not working for the member, will exceptions be made so that the member can return to the standard residential tariff?

A24: Yes based on individual circumstances. No charge will be assessed however a deposit may be required based on CVE's Rules and Regulations.

Q25: Who is not eligible for the prepay program?

A25: All voluntary prepay accounts will not be eligible for a Winter Hardship Reconnect, Certificate of Need, or Medical Certificate as outlined in 807 KAR 5:006, Sections 14, 15 and 16. If a member on a prepay account presents a Certificate of Need, a Medical Certificate or qualifies for a Winter Hardship Reconnect, the member will be required to transfer to a post pay account.

Q26: Can an in-home display (IHD) be part of this program?

A26: At this time, CVE is not utilizing an IHD. If CVE sees a demand for the IHD, CVE will investigate the IHD alternative.

Q27: Are there any exceptions to the rule of disconnecting service if the account balance becomes negative during periods of extreme temperatures?

A27: Weather extremes will be considered on a case by case basis. CVE is very proactive in assisting its members during times of financial needs. Prepay members will be directed

to hardship programs and worked with like other residential tariffs. However, those who have frequent hardships will be encouraged not to participate in the prepay program.

Q28: What are the benefits of the Prepay program?

A28: There are several benefits associated with the prepay program. The first is that members will have an additional choice which leads to a higher satisfaction level. Another benefit is that prepay is an option that does not require a deposit, which also leads to greater satisfaction with the cooperative. In addition, there is a conservation benefit. This helps to reduce the carbon footprint and supports the demand side management initiatives of CVE. Finally the program will allow CVE to lower expenses by reducing operating costs associated with connect/disconnect trips, write-offs and delinquent debt.

Q29: How will prepay be promoted?

A29: CVE will utilize a variety of communication mediums to promote the prepay program to its membership. The prepay program will be promoted via the Cooperative's newsletter and other print advertising, website (www.cumberlandvalley.coop), social media, promotional banners used in its offices and drive-thru windows, and via one-on-one member consultations with customer service representatives. CVE's member education plan will focus on the expanded benefits the voluntary prepay program affords its members. These benefits include:

- Expanded member choice for personal budgeting (gives members expanded options in when they pay and how much they pay)
- Avoid potential deposits
- Avoid potential late payment, disconnect and reconnect fees
- DSM conservation (as members become more aware of their usage they have the opportunity to adjust accordingly)

Q30: Is there any grant money used for this Prepay Program?

A30: No.

Q31: Does this conclude your testimony?

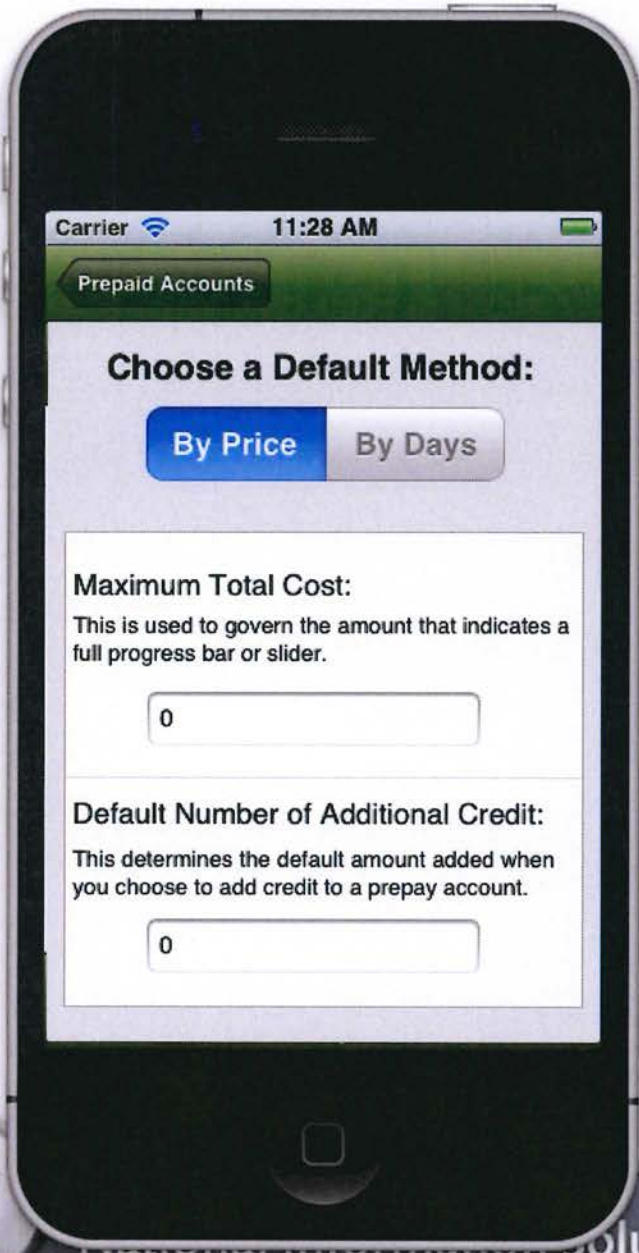
A31: Yes, this concludes my testimony.

<u>PREPAY COSTS ANALYSIS</u>				
Monthly Charge				
Equipment Costs:				
	1. Software for program	(*)		<u>Per Member</u>
	Prepay Software		\$ 11,810.00	\$ 17.50
	2. Hardware	(*)		
	New Disconnect AMI Meter		\$ 269.44	\$ 269.44
	Less Old Meter Cost		\$ 43.65	\$ 43.65
	Cost of Disconnect Meter			\$ 225.79
Installation Cost:				
	3. CSR set up per member:			
	labor	15 min.	\$ 20.85	\$ 5.21
	Benefits		56.3%	\$ 2.94
	4. Field Service Representative charge per member:			
	Labor	30 min.	\$ 28.30	\$ 14.15
	Benefits		56.3%	\$ 7.97
	5. Investment per Member			<u>\$ 273.56</u>
Annual Expenses based on 15 year life				
	1. Depreciation			\$ 18.24
	2. Interest & Margins (2.26% x 2)			\$ 12.36
	3. O & M			
	Software - 20%			\$ 3.50
	Hardware - 10%			\$ 22.58
	4. Annual Expenses			\$ 56.68
	5. Monthly Expense per member			\$ 4.72
	6. Monthly software support		\$354	\$ 0.52
	7. Communication Fees		4 notices	\$ 0.30
	8. Transaction fees, on free		4 notices	\$ -
	9. Monthly Expense per Member			<u>\$ 5.54</u>
	Recommendation			<u>\$ 5.50</u>

*Based on 675 participants



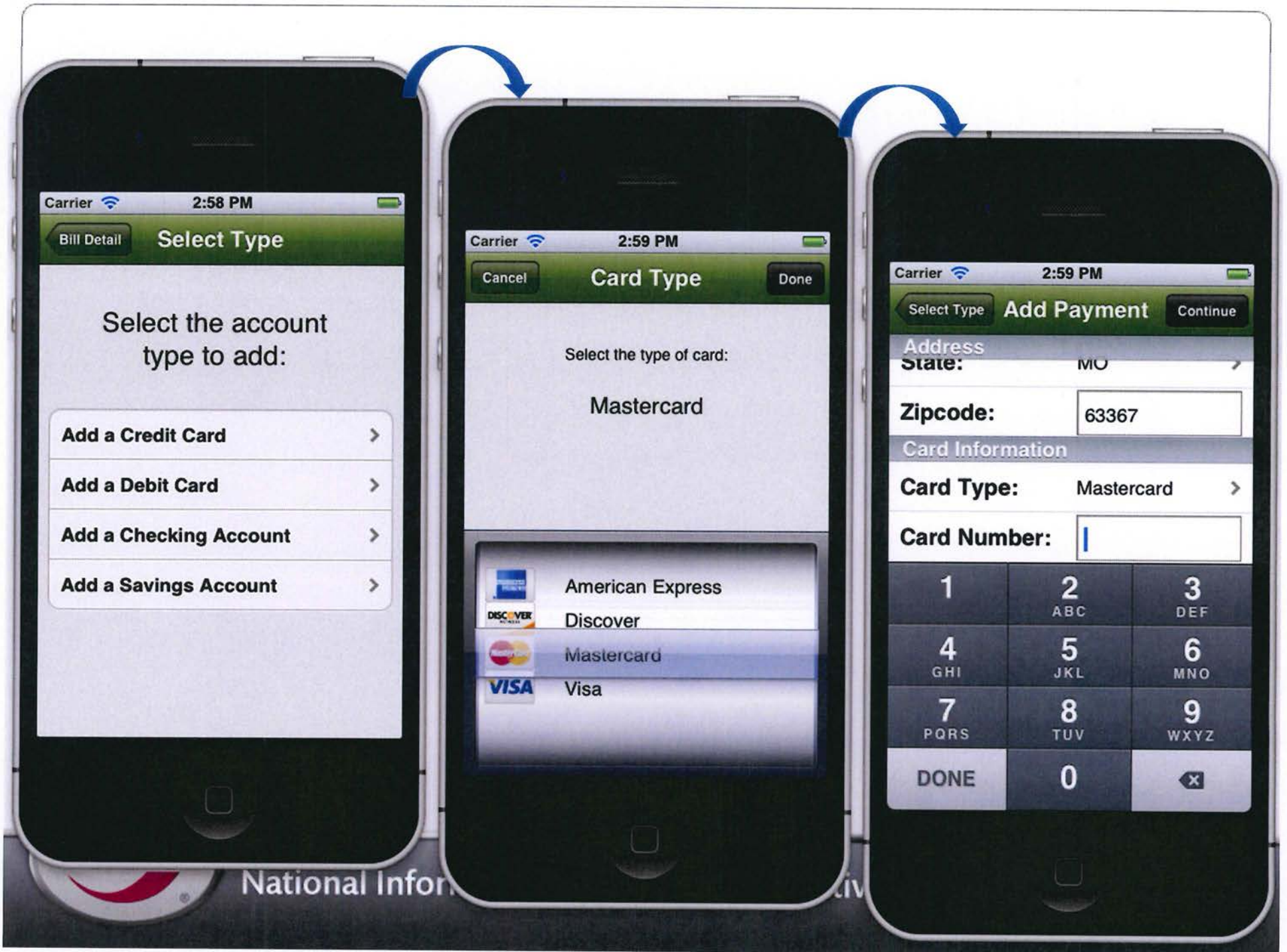




www.NISC.coop



National Information Solutions



Monitoring Daily Usage and Balance Web



Monitoring Daily Usage and Balance Mobile Phone



www.nisc.coop





Dear Prepaid Customer,

This is to notify you that your credit account balance is running low for the prepaid electric service Account Number 123456.

As of the time this email was sent, the account's credit balance is \$16.00. In order to continue service, payment can be made through any of the normal payment channels, however we do not recommend mailing your payment due to the delay in receiving it.

If you have any questions, please contact our Customer Service Department at 800-262-7480.

Prepaid Member Estimate

Prepared For

Cumberland Valley Electric, Inc.
Gray, KY

April 8, 2014

National Information Solutions Cooperative®

Proposal Prices are valid for 60 days - Expires - June 7, 2014

All of our rates are subject
to change based on Board resolution.



NISC Prepaid Metering Solution

Reduce Disconnects | Reduce Write-Offs | Empower Your Customers

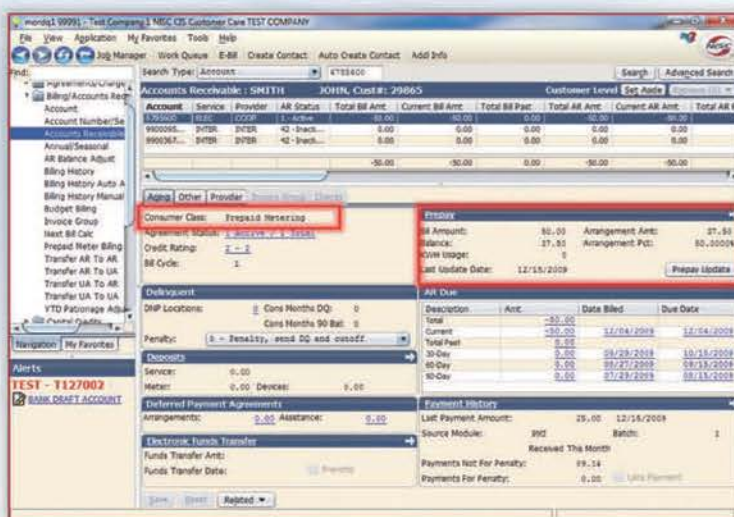
NISC's Prepaid Metering Solution provides a pro-rated billing solution that is fully integrated into the iVUE® Enterprise Suite. Using the daily interval readings of AMI metering, the Prepaid Metering Solution provides a daily, pro-rated billing option that can reduce the credit balance of the end-use customer. It optionally supports in-home displays from AMI vendors and does not require a prepaid meter card for loading payments. Instead, your customers can make payments through any of your existing payment channels.

Inform Your Customers

The NISC Prepaid Metering Solution provides the end-user and your customer service representatives with detailed daily meter usage information as well as the account balance, and allows for the customer to determine when to pay their utility bill. The solution supplies data allowing for notifications when a customer's credit balance is low and for payment acceptance, connection and disconnection 24 hours a day, seven days a week through real-time MultiSpeak Integration.

With NISC's Prepaid Metering Solution:

- Detailed usage information can be displayed on in-home displays as provided by the AMI vendor allowing the customer to see their average daily usage and account balance. The same usage and balance information is also available to your CSR in iVUE, eliminating the need for a third-party application.
- You can provide service to customers with a disconnect/non-payment history in lieu of charging large deposit amounts
- Delinquent balances can be moved into a prepaid arrangement amount allowing for a percentage of future payments to be allocated to the previous balance
- Real-time integration with remote connect/disconnect collars and optional in-home displays
- Low credit balance notifications can be sent to customers via e-mail or NISC's IVR system
- Customer payments can be made through E-bill, U.S. Mail, IVR or any of your existing payment channels



Get Connected Today!

Let us show you how the seamless integration of NISC's Prepaid Metering Solution can help improve your operational efficiencies and manage your risks. Visit www.nisc.coop today to learn more. For more information, contact E-Solutions Support at 866.999.6472 x7150.



Prepaid Overview

The Prepaid Meter Billing Solution utilizes functionality in iVUE CIS including a special Prepaid bill calculation, a consumer class code for Prepaid Meters, Prepaid Meter Bill amount and balance fields, enhancements to E-bill or SmartHub to reflect the Prepaid Meter Balance, and notification of low credit balances through email notification, text messaging and/or NISC's Call Capture for outbound notification calls.

Implementation Services

The NISC Prepaid fees will be invoiced after initial Implementation. A standard NISC Prepaid implementation will include:

- Training of the Utility personnel using web based training
- Assistance in setting up test accounts on Prepaid process
- Explanation of the SmartHub/Kiosk settings for Prepaid
- Prepaid Administration Training in iVUE
- Test process with Utility and test accounts
- Assignment of an implementation date after receipt of signed LOA
- Training will take place between Monday-Friday during normal NISC business hours.

Requirements

- *Reconnect/Disconnect capability through iVUE
- *Multispeak (Customer Billing / Meter Reading) interface
- Importing Daily Reads
- AMI (Automated Meter Infrastructure) interface

*NISC Prepaid can be used as a manual process to connect/disconnect meters, if these requirements are not met at time of implementation of Prepaid.

Please check with your AMI vendor for hardware/software requirements for this integration.

AMI Import Interface

This integration is required for importing AMI interval readings. It includes programs to import billable readings, interval readings, batch meter exchanges, meter Inventory and test data upload, and Transformer Upload. If the AMI Import interface has not already been purchased:

- One-time fee of \$1,000
- Monthly Maintenance fee \$50

MultiSpeak AMI Interface

The MultiSpeak integration is required for communication to Remote Connect/Disconnect collars and optional in-home displays. The Prepaid Meter solution is included in the MultiSpeak Meter Reading interface and the following fees apply:

- MultiSpeak License (includes setup) \$3,000.00 one-time fee*
- 1st MultiSpeak Web Service interface \$ 100.00 per month
- Each additional Web Service interface \$ 50.00 per month

*One-time fee applies only once for all MultiSpeak interfaces (AMI, Staking, GIS, OMS, and Engineering included).

*Monthly Fee is capped at \$250.00 per month.

Additional optional recommended NISC solutions (quoted separately):

- NISC SmartHub Solution (for Members checking their Prepaid Balances and making payments)
- NISC CallCapture Full in-house version (for low Prepaid Balance call notification)
- NISC CallCapture Secure Payment Hosted IVR PCI compliant pay-by-phone option
- NISC Kiosk Solution (As another utility payment option)

Prepaid Meter Rates:

One-time Fee:	\$0.50 per active agreement
Minimum One-time Fee	\$3,000
Maximum One-time Fee	\$12,500
Monthly per Active Agreement Fee:	\$0.015
Minimum Monthly Fee	\$150
Maximum Monthly Fee	\$375

- Both the Initial fee and monthly fee are capped at a maximum billing rate for 25,000 agreements.
- The iVUE Prepaid Meter Billing Solution monthly support fee is based on the number of agreements. Once live, the actual number of agreements will be used and is adjusted quarterly to reflect current agreement counts.
- If on-site training is desired, time will be billed at NISCs hourly labor, hourly rate for travel time, plus travel expenses.
- One-time Fee and Monthly Fee will be billed when Setup and training are complete.



Cumberland Valley Electric, Inc.

April 8, 2014

Prepaid Customized Price Quote					
Item	Description	Qty	Unit Price	Extended Price	Monthly Maint
Prepaid Software & Support					
1	Prepaid Per Agreement One-Time Fee (Minimum \$3,000 - Maximum \$12,500)	23,619	\$ 0.50	\$ 11,810	\$ -
2	Prepaid Monthly Support Fee (Minimum of \$150 - Maximum of \$375 per Month)	23,619	0.015	-	354
Prepaid Software & Support Total				\$11,809.50	\$ 354.29
Third Party Interfaces					
3	Use Existing AMI Interface	1	-	-	-
4	Use Existing MultiSpeak Interface	1	-	-	-
Third Party Interfaces Total				\$ -	\$ -
Prepaid Grand Total				\$11,809.50	\$ 354.29



April 8, 2014

Mr. Robert Tolliver
Cumberland Valley Electric, Inc.
Highway 25E
Gray, KY 40734

Dear Mr. Tolliver

We appreciate your continued interest in NISC's products and services. You have selected and approved the following value-add solutions. This letter will serve as acknowledgement regarding your purchase of services referenced in the Prepaid Member Estimate prepared for Cumberland Valley Electric, Inc. as summarized below.

Description	One-Time Cost	Monthly Maint
Prepaid	\$ 11,809.50	\$ 354.29

Training is included in the purchase of Prepaid and is completed via Phone/WebEx. On-site training if requested, is billable at NISC current hourly rates.

The Prepaid monthly support is based on the number of agreements and is adjusted quarterly to reflect current agreement counts.

Custom programming requested to meet non-standard business requirements will be invoiced at the current NISC hourly rate.

Execution: This signature acknowledges the terms and conditions as recited herein and authorizes the purchase of the solutions summarized above including all related hardware and software incorporated into the proposal.

Please sign a copy of this letter and return it to me at your earliest convenience.

Sincerely,



Michelle Hansen
Sales Support Specialist
Email: michelle.hansen@nisc.coop
Fax: 701.667.1936
Phone: 866.999.6472 Ext. 8416

Cumberland Valley Electric, Inc.

By: _____

Title: _____

Date Signed: _____

E330 FOCUS AX + E350 AX-SD Single Phase

The Next Generation of Advanced Residential Metering

The FOCUS® AX-SD is an advanced meter platform with features that rival any meter in its class. With available service disconnect integrated into the meter base, utilities can take advantage of the 200 Amp relay to disconnect power or limit service remotely using an advance metering technology or manually at the meter. The combination of the FOCUS Service Disconnect base module and powerful AX register provides a flexible system that supports a variety of connect/disconnect and service-limiting applications.

A single circuit board design, mounted at the front of the meter, allows room for modular advanced metering communications or a KYZ option output board. Fewer parts and connectors throughout the board design increase reliability and contribute to better overall endpoint performance. Highly accurate load performance and the use of a field-proven Digital Multiplication Measurement Technique ensure reliability and dependability during the entire life of the FOCUS meter.

Meter reconfiguration can be accomplished optically through the configuration port located on the front cover.

- Select from displayable positive, negative, net and added (security) metrics
- Change the displayed information, order or digits
- Configure a CT/PT meter multiplier to obtain a direct reading
- Preset or reset kWh

With a focus on customer satisfaction, we are committed to providing the best metering solution in terms of capability, technology and affordability. By utilizing our experience and technology with that of our strategic allies and development partners, we provide metering solutions that cover the range of utilities' residential metering needs.



Key Benefits

- Digital Multiplication Measurement technique
- Non-volatile memory
- Designed for a 20+ year life
- Meets or exceeds industry and ANSI standards
- Uses ANSI protocol (between meter and advanced metering device)
- 6 digit LCD and 3 Alpha ID
- Selectable meter multiplier
- Service limiter function
- Event log of 500+ entries
- 77 kb of load profile memory, 1-8 channels
- Advanced second generation over-the-air-flashable firmware

Landis
Gyr+
manage energy better

Specifications

General Specifications	Active Energy "kWh-kW" meter	
	Digital Multiplication Measurement Technique	
	Non-Volatile Memory	
	Designed for 20+ years life	
	Meets ANSI standards for performance	
	Utilizes ANSI protocol (between meter and AMI device)	
	9-Digit LCD	
	Display scroll sequence programmable (factory or end user)	
	Configuration Port – cover does not have to be removed or optional ANSI C12.18 optical port available	
Operating Temperature	-40C to +85C under cover	
Nominal Voltage	120V or 240V	
Operating Voltage	80% to 115% of Vn	
Frequency	60Hz +/- 5%	
Humidity	5% to 95% relative humidity, non condensing	
Starting Load (Watts)	Class 20	0.005 Amp (0.6W)
	Class 100	0.030 Amp (3.6W)
	Class 200	0.050 Amp (12W)
	Class 320	0.080 Amp (19.2W)
	Class 480	0.120 Amp (28.8W)
Voltage Burden	≤ 1.9W Max	
Load Performance Accuracy	Accuracy Class 0.5% – typical accuracy 0.2% Exception: Form 36S 0.5%	
Available Forms	Self-Contained	1S, 2S, 2SE, 12S, 25S
	Transformer Rated	3S, 4S
	K-Base	2K
Display Options	Energy Metrics: +kWh, -kWh, Net kWh, and added kWh (Security)	
	Metric Energy Display Format – 4x1, 4x10, 5x1, 5x10, 6x1 or 6x10	
	Time of Use and Demand Billing	
AMI Platform	Modular or Integrated	
Selectable Meter Multiplier	Up to 4096 as result of PT ratio CT ratio	
Applicable Standards	ANSI C12.1 for electric meters	
	ANSI C12.10 for physical aspects of watt hour meters	
	ANSI C12.18 Protocol specifications for ANSI Type 2 Optical Port	
	ANSI C12.19 Utility Industry End Device Data Tables	
	ANSI C12.20 for electricity meters, 0.2 and 0.5 accuracy classes	
Service Disconnect	CAN3-C17-M84 Canadian specifications for approval of type of electricity meters	
	10,000 operations at full rated current (disconnect/connect) Available forms: 1S, 2S, 12S, 25S	

2800 Duncan Road
Lafayette, IN 47904 U.S.A
Phone: 765.742.1001 • Tech Support: 800.777.2774
FAX: 765.429.0936
www.landisgyr.com



E130 FOCUS AL

Leading-Edge Technology for Advanced Residential Metering Applications

The FOCUS® family of metering products provides the utility industry with an advanced, reliable and economical solid-state meter platform for advanced metering applications. The FOCUS AL utilizes a single circuit board design which allows room for installation of a modular communications board or a KYZ option output board. Fewer parts and connectors throughout the design increase reliability and contribute to better overall endpoint performance. Highly accurate load performance and the use of a field-proven Digital Multiplication Measurement Technique ensure reliability and dependability during the entire life of the FOCUS meter.

Meter reconfiguration can be accomplished optically through the configuration port located on the front cover.

- Select from displayable positive, negative, net and added (security) metrics
- Change the displayed information, order or digits
- Configure a CT/PT meter multiplier to obtain a direct reading
- Preset or reset kWh
- Adjust calibration

With a focus on customer satisfaction, we are committed to providing the best metering solution in terms of capability, technology and affordability. By utilizing our experience and technology with that of our strategic allies and development partners, we provide metering solutions that cover the range of utilities' residential metering needs.



Key Benefits

- Digital Multiplication Measurement Technique
- Non-volatile memory
- Designed for a 20+ year life
- Meets or exceeds industry and ANSI standards
- Uses ANSI protocol (between meter and AMR device)
- 6 digit LCD and 2 Alpha ID
- Selectable meter multiplier up to 240 (1200:5 CT)

Specifications

General Specifications	Active Energy "kWh-only" meter	
	Digital Multiplication Measurement Technique	
	Non-Volatile Memory	
	Designed for 20+ years life	
	Meets ANSI standards for performance	
	Utilizes ANSI protocol (between meter and AMI device)	
	8-Digit LCD	
	Display scroll sequence programmable (factory or end user)	
	Configuration Port – cover does not have to be removed	
Operating Temperature	-40C to +85C under cover	
Nominal Voltage	120V or 240V	
Operating Voltage	80% to 115% of Vn	
Frequency	60Hz +/- 5%	
Humidity	5% to 95% relative humidity, non condensing	
Starting Load (Watts)	Class 20	0.005 Amp (0.6W)
	Class 100	0.030 Amp (3.6W)
	Class 200	0.050 Amp (12W)
	Class 320	0.080 Amp (19.2W)
	Class 480	0.120 Amp (28.8W)
Voltage Burden	≤ 1.8W Max	
Load Performance Accuracy	Accuracy Class 0.5% – typical accuracy 0.2%	
Available Forms	Self-Contained	1S, 2S, 2SE, 12S, 25S
	Transformer Rated	3S, 4S
	K-Base	2K
Display Options	Energy Metrics: +kWh, -kWh, Net kWh, and added kWh (Security)	
	Metric Energy Display Format – 4x1, 4x10, 5x1, 5x10, 6x1 or 6x10	
AMI Platform	Modular or Integrated	
Selectable Meter Multiplier	Up to 240 as result of PT ratio CT ratio	
Applicable Standards	ANSI C12.1 for electric meters	
	ANSI C12.10 for physical aspects of watt hour meters	
	ANSI C12.19 Utility Industry End Device Data Tables	
	ANSI C12.20 for electricity meters, 0.2 and 0.5 accuracy classes	
	CAN3-C17-M84 Canadian specifications for approval of type of electricity meters	

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Cumberland Valley Electric, Inc.
Administrative Guidelines
Prepay Metering Program
April, 2014

Objectives:

The objectives of Cumberland Valley Electric's (Cumberland Valley) Prepay service program ("Prepay") are:

1. To create a member-friendly, voluntary and alternative option for the purchase of electric energy
2. To have a tariff option which allows members, by choice, to have technology available to assist in managing energy and energy purchased
3. To promote a tariff that will improve the over-all financial stability of Cumberland Valley
4. To make the program available to the general residential membership
5. To promote energy efficiency

The Tariff Document:

The tariff will be written as a rider to be attached to any approved Cumberland Valley Rate Schedule 1 (Residential Service) designed for the purpose of purchasing electric energy. The tariff rider may include in addition to the customer charge and energy charge, a monthly program fee.

Contracts/Agreements:

Each member selecting the Prepay option will be subject to all other applicable rules and regulations which apply to members selecting the post-pay service option. Each member will be required to pay a membership fee and be entitled to all available benefits with the exceptions of the specifically stated payment options.

Each member selecting the Prepay service option must sign a *Prepay Service Agreement* ("Agreement").

The Agreement will be for a minimum length of 12 months. However, at any time after the 12 month minimum has passed a member may request to revert back to a traditional post pay account, at which time the member may be subject to a deposit based on their credit history. Any request for changes must be made in writing.

Charges and Assessments:

Non-energy charges such as a consumer customer charge will be pro-rated daily. The current monthly Prepay service fee is \$3.00. This spread over 30 days equals \$0.10 per day. Each day at a specific time, the pro-rated amount will be deducted from the total balance of the account.

The fuel adjustment, environmental surcharge, and taxes will be pro-rated daily and credited or debited, as applicable to the Prepay account.

When the Prepay account is activated, an initial purchase of \$100.00 is recommended. Subsequent purchases may be made in increments chosen by the member, with a minimum purchase being \$20.00.

If a member converts from a post-pay account to Prepay service and a deposit has been collected previously for the post-pay account, that deposit will be applied to the outstanding balance on any post-pay account in the member's name. Also if the member has any account(s) which does not have a satisfactory credit history any remaining credit will be transferred as a deposit to the unsecured account(s). If none of these exceptions are applicable to the member the excess funds will be placed as a credit on the Prepay account.

If a member enrolls in Prepay service, the total amount of an existing payment arrangement will transfer to the Prepay account and existing payment arrangement will default to a payment arrangement where seventy percent (70%) of any payment will be placed on future purchases while thirty percent (30%) will be applied towards retirement of the outstanding balance

If a member has been disconnected for non-pay and chooses the Prepay service option for reconnect, the member will be offered a debt management plan for the outstanding balance. Seventy percent (70%) of any payment will be placed on future purchases while thirty percent (30%) will be applied towards retirement of the outstanding balance.

A prior member, who previously received service from Cumberland Valley and discontinued service without paying his/her final bill, (i.e. an uncollectible account/bad debt) will be required to pay the past due amount prior to establishing prepay service. If the member is unable to pay the account balance in full, a debt management plan will be considered for the outstanding balance. Fifty percent (50%) of any payment will be placed on future purchases while fifty percent (50%) will be applied towards retirement of the outstanding balance.

Member Education Plan:

- A.** Cumberland Valley's voluntary Prepay service will be promoted to the general membership by the following venues:
1. Flyers
 2. Banner-Ups
 3. Facebook/Twitter
 4. Cumberland Valley's Website at: www.cumberlandvalley.coop
 5. Radio

6. Various other print advertising
 7. Customer Service Representative (CSR) promotion in-office
 8. Community events by marketing team
 9. Smart Phone Application (App)
- B.** Promotion of the program will include options and member benefits including but not limited to:
1. No deposit
 - a. Because money is collected upfront, there is no need to charge a deposit
 2. No reconnect/disconnect fees
 - a. Because disconnects and reconnects are performed automatically, there is no need to charge a fee
 3. No late fees
 4. Convenient payments available 24/7
 5. Member choice
 - a. This program will give members choice in when they pay and how much they pay
 6. Demand Side Management (DSM) conservation.
- C.** Once a member decides to enroll in the Prepay service, the member will be educated via a one-on-one consultation. The following details will be covered:
1. Explanation of Prepay service and above referenced benefits
 2. Individual demonstration of accessing Cumberland Valley website to review usage information
 3. Explanation of text and e-mail and/or text alerts the member will receive with information on the member's usage information
 4. How to purchase additional kWhs
 - a. Via website
 - b. Via telephone
 - i. Automated (IVR)
 - ii. With CSR
 - c. Smart Phone App
 5. How to reconnect power if disconnected
 6. How LIHEAP or other energy assistance is incorporated with Prepay service

Miscellaneous:

If a member decides to leave the Prepay service and a credit is on the account, the credit can be refunded or applied to any other active account in the member's name. The member must inform the Cooperative in writing when the member wishes to terminate Prepay service.

CUMBERLAND VALLEY ELECTRIC, INC			
DEVELOPMENT OF ADDER FOR ADDITIONAL METER COSTS			
<u>Data comes from 2013 Cooperative's Form 7 except CP data</u>			
<u>A. Development of a Fixed Charge Rate (Excludes Purchased Power Costs):</u>			
	Expense		Fixed Rate
1	Depreciation		3.55%
2	Distribution Operations & Maintenance		4.63%
3	Administrative & General		3.87%
4	Total Costs - Distribution		12.05%
5	Return		1.14%
6	Annual Revenue Requirements		<u>13.19%</u>
	Monthly Fixed Rate (Excludes purchased power costs)		<u>1.10%</u>
<u>B. Basis for Fixed Charge Rate Percentages:</u>			
1. Depreciation Rate is the actual depreciation expense divided by year end investment in distribution plant as provided on RUS Form 7.			
	Depreciation Expense	Dist Plant	Ratio
	\$3,115,270	\$87,827,579	0.0355
2. Distribution O & M rate is the actual distribution O & M expense divided by the year end investment in distribution plant as provided on RUS Form 7.			
	Dist O&M	Dist Plant	Ratio
	\$4,065,022	\$87,827,579	0.0463
3. Admin & General expenses are divided by the year end investment in distribution plant.			
	A & G Exp	Dist Plant	Ratio
	\$3,395,539	\$87,827,579	0.0387

CUMBERLAND VALLEY ELECTRIC, INC			
DEVELOPMENT OF ADDER FOR ADDITIONAL METER COSTS			
<u>Data comes from 2013 Cooperative's Form 7 except CP data</u>			
4. Return is based Actual Debt and Interest for the Test Year and Return on Equity based on TIER of 2.00. (Margins equal Interest Costs).			
<u>Capital Structure</u>			<u>%</u>
Debt	42,813,061		68.69%
Equity (Excludes GTCC)	19,517,122		31.31%
	62,330,183		100.00%
<u>Interest and Equity Computations</u>			
Interest on LTD Using Interest Costs for 2012		\$	354,342
Margins Would be Equal to Interest for 2.0 TIER		\$	354,342
		\$	708,684
<u>Return on Capital</u>			<u>Composite</u>
Return on Debt	0.83%		0.57%
Return on Equity	1.82%		0.57%
			1.14%
<u>C. Customer Charge Adder</u>			
1. Incremental Costs Associated with Prepay		\$	225.79
2. Annual Fixed Charge Rate from A. above			13.19%
3. Annual Costs for Distribution Lines		\$	29.77
4. Divide by 12 for monthly rate		\$	2.48
5. Plus Monthly Communication Fees (4 @ 10 Cents Each)		\$	0.40
6. Monthly Customer Cost/Charge		\$	2.88
	RECOMMENDED	\$	3.00

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0572-0032. The time required to complete this information collection is estimated to average 15 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION KY0057 PERIOD ENDED December, 2013 BORROWER NAME Cumberland Valley Electric, Inc
INSTRUCTIONS - See help in the online application.	

This information is analyzed and used to determine the submitter's financial situation and feasibility for loans and guarantees. You are required by contract and applicable regulations to provide the information. The information provided is subject to the Freedom of Information Act (5 U.S.C. 552)

CERTIFICATION

We recognize that statements contained herein concern a matter within the jurisdiction of an agency of the United States and the making of a false, fictitious or fraudulent statement may render the maker subject to prosecution under Title 18, United States Code Section 1001.

We hereby certify that the entries in this report are in accordance with the accounts and other records of the system and reflect the status of the system to the best of our knowledge and belief.

ALL INSURANCE REQUIRED BY PART 1788 OF 7 CFR CHAPTER XVII, RUS, WAS IN FORCE DURING THE REPORTING PERIOD AND RENEWALS HAVE BEEN OBTAINED FOR ALL POLICIES DURING THE PERIOD COVERED BY THIS REPORT PURSUANT TO PART 1718 OF 7 CFR CHAPTER XVII

(check one of the following)

All of the obligations under the RUS loan documents have been fulfilled in all material respects.

There has been a default in the fulfillment of the obligations under the RUS loan documents. Said default(s) is/are specifically described in Part D of this report.

TED HAMPTON

2/26/2014

DATE

PART A. STATEMENT OF OPERATIONS

ITEM	YEAR-TO-DATE			THIS MONTH
	LAST YEAR <i>(a)</i>	THIS YEAR <i>(b)</i>	BUDGET <i>(c)</i>	
1. Operating Revenue and Patronage Capital	46,861,246	46,665,845	47,050,134	4,699,306
2. Power Production Expense				
3. Cost of Purchased Power	36,085,688	35,772,176	35,747,952	3,671,514
4. Transmission Expense				
5. Regional Market Expense				
6. Distribution Expense - Operation	1,318,827	1,404,991	1,577,364	201,047
7. Distribution Expense - Maintenance	2,831,797	2,660,031	2,761,223	243,900
8. Customer Accounts Expense	1,819,520	1,871,976	1,873,192	168,715
9. Customer Service and Informational Expense	179,251	153,670	181,807	6,255
10. Sales Expense				
11. Administrative and General Expense	1,248,508	1,369,893	1,327,186	153,563
12. Total Operation & Maintenance Expense (2 thru 11)	43,483,591	43,232,737	43,468,724	4,444,994
13. Depreciation and Amortization Expense	2,968,519	3,115,270	3,057,811	264,868
14. Tax Expense - Property & Gross Receipts				
15. Tax Expense - Other	52,902	51,441	55,547	
16. Interest on Long-Term Debt	427,212	354,342	432,601	27,624
17. Interest Charged to Construction - Credit				
18. Interest Expense - Other	42,012	3,176	3,101	199
19. Other Deductions	10,213	10,671	11,219	550
20. Total Cost of Electric Service (12 thru 19)	46,984,449	46,767,637	47,029,003	4,738,235
21. Patronage Capital & Operating Margins (1 minus 20)	(123,203)	(101,792)	21,131	(38,929)
22. Non Operating Margins - Interest	128,155	121,888	133,182	10,340
23. Allowance for Funds Used During Construction				
24. Income (Loss) from Equity Investments				
25. Non Operating Margins - Other	59,372			
26. Generation and Transmission Capital Credits	2,364,260	2,957,019		2,957,019
27. Other Capital Credits and Patronage Dividends	44,863	54,741	60,744	18,079
28. Extraordinary Items				
29. Patronage Capital or Margins (21 thru 28)	2,473,447	3,031,856	215,057	2,946,509

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION KY0057
INSTRUCTIONS - See help in the online application.	PERIOD ENDED December, 2013

PART B. DATA ON TRANSMISSION AND DISTRIBUTION PLANT

ITEM	YEAR-TO-DATE		ITEM	YEAR-TO-DATE	
	LAST YEAR (a)	THIS YEAR (b)		LAST YEAR (a)	THIS YEAR (b)
1. New Services Connected	430	421	5. Miles Transmission		
2. Services Retired	312	283	6. Miles Distribution – Overhead	2,498.62	2,503.01
3. Total Services in Place	24,685	24,823	7. Miles Distribution - Underground	127.08	130.26
4. Idle Services (Exclude Seasonals)	1,027	1,111	8. Total Miles Energized (5 + 6 + 7)	2,625.70	2,633.27

PART C. BALANCE SHEET

ASSETS AND OTHER DEBITS		LIABILITIES AND OTHER CREDITS	
1. Total Utility Plant in Service	95,051,496	30. Memberships	431,815
2. Construction Work in Progress	816,622	31. Patronage Capital	37,403,965
3. Total Utility Plant (1 + 2)	95,868,118	32. Operating Margins - Prior Years	0
4. Accum. Provision for Depreciation and Amort.	33,482,599	33. Operating Margins - Current Year	2,909,968
5. Net Utility Plant (3 - 4)	62,385,519	34. Non-Operating Margins	121,888
6. Non-Utility Property (Net)	0	35. Other Margins and Equities	(773,464)
7. Investments in Subsidiary Companies	0	36. Total Margins & Equities (30 thru 35)	40,094,172
8. Invest. in Assoc. Org. - Patronage Capital	21,323,218	37. Long-Term Debt - RUS (Net)	3,327,466
9. Invest. in Assoc. Org. - Other - General Funds	0	38. Long-Term Debt - FFB - RUS Guaranteed	34,681,955
10. Invest. in Assoc. Org. - Other - Nongeneral Funds	888,042	39. Long-Term Debt - Other - RUS Guaranteed	0
11. Investments in Economic Development Projects	0	40. Long-Term Debt Other (Net)	4,224,689
12. Other Investments	0	41. Long-Term Debt - RUS - Econ. Devel. (Net)	0
13. Special Funds	0	42. Payments – Unapplied	1,312,789
14. Total Other Property & Investments (6 thru 13)	22,211,260	43. Total Long-Term Debt (37 thru 41 - 42)	40,921,321
15. Cash - General Funds	1,504,921	44. Obligations Under Capital Leases - Noncurrent	0
16. Cash - Construction Funds - Trustee	0	45. Accumulated Operating Provisions and Asset Retirement Obligations	3,324,752
17. Special Deposits	4,300	46. Total Other Noncurrent Liabilities (44 + 45)	3,324,752
18. Temporary Investments	5,000	47. Notes Payable	0
19. Notes Receivable (Net)	0	48. Accounts Payable	3,968,442
20. Accounts Receivable - Sales of Energy (Net)	4,611,871	49. Consumers Deposits	1,348,825
21. Accounts Receivable - Other (Net)	1,023,958	50. Current Maturities Long-Term Debt	1,891,740
22. Renewable Energy Credits	0	51. Current Maturities Long-Term Debt - Economic Development	0
23. Materials and Supplies - Electric & Other	496,675	52. Current Maturities Capital Leases	0
24. Prepayments	69,683	53. Other Current and Accrued Liabilities	1,570,368
25. Other Current and Accrued Assets	9,627	54. Total Current & Accrued Liabilities (47 thru 53)	8,779,375
26. Total Current and Accrued Assets (15 thru 25)	7,726,035	55. Regulatory Liabilities	0
27. Regulatory Assets	0	56. Other Deferred Credits	87,549
28. Other Deferred Debits	884,355	57. Total Liabilities and Other Credits (36 + 43 + 46 + 54 thru 56)	93,207,169
29. Total Assets and Other Debits (5+14+26 thru 28)	93,207,169		

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PART D. NOTES TO FINANCIAL STATEMENTS	

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PART D. CERTIFICATION LOAN DEFAULT NOTES	

UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL UTILITIES SERVICE

**FINANCIAL AND OPERATING REPORT
ELECTRIC DISTRIBUTION**

BORROWER DESIGNATION
KY0057

PERIOD ENDED
December, 2013

INSTRUCTIONS - See help in the online application.

PART E. CHANGES IN UTILITY PLANT

PLANT ITEM	BALANCE BEGINNING OF YEAR (a)	ADDITIONS (b)	RETIREMENTS (c)	ADJUSTMENTS AND TRANSFERS (d)	BALANCE END OF YEAR (e)
1. Distribution Plant	84,228,330	5,162,874	1,563,625		87,827,579
2. General Plant	5,094,084	837,291	561,239		5,370,136
3. Headquarters Plant	1,853,781				1,853,781
4. Intangibles	0				0
5. Transmission Plant	0				0
6. Regional Transmission and Market Operation Plant					
7. All Other Utility Plant	0				0
8. Total Utility Plant in Service (1 thru 7)	91,176,195	6,000,165	2,124,864		95,051,496
9. Construction Work in Progress	730,904	85,718			816,622
10. Total Utility Plant (8 + 9)	91,907,099	6,085,883	2,124,864		95,868,118

PART F. MATERIALS AND SUPPLIES

ITEM	BALANCE BEGINNING OF YEAR (a)	PURCHASED (b)	SALVAGED (c)	USED (NET) (d)	SOLD (e)	ADJUSTMENT (f)	BALANCE END OF YEAR (g)
1. Electric	700,215	1,006,072	58,163	1,255,682	11,520	(573)	496,675
2. Other	0						0

PART G. SERVICE INTERRUPTIONS

ITEM	AVERAGE MINUTES PER CONSUMER BY CAUSE					TOTAL (e)
	POWER SUPPLIER (a)	MAJOR EVENT (b)	PLANNED (c)	ALL OTHER (d)		
1. Present Year	23,100	9.300	1.500	108.600	142.500	
2. Five-Year Average	20.849	28.781	7.647	73.971	131.248	

PART H. EMPLOYEE-HOUR AND PAYROLL STATISTICS

1. Number of Full Time Employees	51	4. Payroll - Expensed	2,460,293
2. Employee - Hours Worked - Regular Time	110,401	5. Payroll - Capitalized	1,088,037
3. Employee - Hours Worked - Overtime	12,200	6. Payroll - Other	67,673

PART I. PATRONAGE CAPITAL

ITEM	DESCRIPTION	THIS YEAR (a)	CUMULATIVE (b)
1. Capital Credits - Distributions	a. General Retirements	0	3,004,303
	b. Special Retirements		
	c. Total Retirements (a + b)	0	3,004,303
2. Capital Credits - Received	a. Cash Received From Retirement of Patronage Capital by Suppliers of Electric Power		
	b. Cash Received From Retirement of Patronage Capital by Lenders for Credit Extended to the Electric System	4,386	
	c. Total Cash Received (a + b)	4,386	

PART J. DUE FROM CONSUMERS FOR ELECTRIC SERVICE

1. Amount Due Over 60 Days	\$ 85,739	2. Amount Written Off During Year	\$ 175,061
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UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION KY0057
INSTRUCTIONS - See help in the online application	PERIOD ENDED December, 2013

PART K. kWh PURCHASED AND TOTAL COST

No	ITEM	SUPPLIER CODE	RENEWABLE ENERGY PROGRAM NAME	RENEWABLE FUEL TYPE	kWh PURCHASED	TOTAL COST	AVERAGE COST (Cents/kWh)	INCLUDED IN TOTAL COST - FUEL COST ADJUSTMENT	INCLUDED IN TOTAL COST - WHEELING AND OTHER CHARGES
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
1	East Kentucky Power Coop, Inc (KY0059)	5580			489,975,525	35,772,176	7.30	(360,775)	715,308
	Total				489,975,525	35,772,176	7.30	(360,775)	715,308

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION KY0057
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PART K. kWh PURCHASED AND TOTAL COST		
No	Comments	
1		

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION KY0057	
INSTRUCTIONS - See help in the online application.		PERIOD ENDED December, 2013	
PART L. LONG-TERM LEASES			
No	NAME OF LESSOR (a)	TYPE OF PROPERTY (b)	RENTAL THIS YEAR (c)
	TOTAL		

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION KY0057	
INSTRUCTIONS - See help in the online application.		PERIOD ENDED December, 2013	
PART M. ANNUAL MEETING AND BOARD DATA			
1. Date of Last Annual Meeting 6/7/2013	2. Total Number of Members 23,712	3. Number of Members Present at Meeting 454	4. Was Quorum Present? Y
5. Number of Members Voting by Proxy or Mail 0	6. Total Number of Board Members 7	7. Total Amount of Fees and Expenses for Board Members \$ 201,020	8. Does Manager Have Written Contract? N

RUS Financial and Operating Report Electric Distribution

Revision Date 2013

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		BORROWER DESIGNATION KY0057			
INSTRUCTIONS - See help in the online application.		PERIOD ENDED December, 2013			
PART N. LONG-TERM DEBT AND DEBT SERVICE REQUIREMENTS					
No	ITEM	BALANCE END OF YEAR (a)	INTEREST (Billed This Year) (b)	PRINCIPAL (Billed This Year) (c)	TOTAL (Billed This Year) (d)
1	Rural Utilities Service (Excludes RUS - Economic Development Loans)	3,327,466	132,737	123,831	256,568
2	National Rural Utilities Cooperative Finance Corporation				
3	CoBank, ACB	2,412,730	67,245	253,463	320,708
4	Federal Financing Bank	34,681,955	55,465	1,134,345	1,189,810
5	RUS - Economic Development Loans				
6	Payments Unapplied	1,312,789			
7	Principal Payments Received from Ultimate Recipients of IRP Loans				
8	Principal Payments Received from Ultimate Recipients of REDL Loans				
9	Principal Payments Received from Ultimate Recipients of EE Loans				
10	National Cooperative Services Corporation	1,811,959	86,736	432,850	519,586
	TOTAL	40,921,321	342,183	1,944,489	2,286,672

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE		BORROWER DESIGNATION KY0057		
FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION		PERIOD ENDED December, 2013		
INSTRUCTIONS - See help in the online application.				
PART O. POWER REQUIREMENTS DATABASE - ANNUAL SUMMARY				
CLASSIFICATION	CONSUMER SALES & REVENUE DATA	DECEMBER (a)	AVERAGE NO. CONSUMERS SERVED (b)	TOTAL YEAR TO DATE (c)
1. Residential Sales (excluding seasonal)	a. No. Consumers Served	22,131	22,087	
	b. kWh Sold			314,849,109
	c. Revenue			31,849,912
2. Residential Sales - Seasonal	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
3. Irrigation Sales	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
4. Comm. and Ind. 1000 KVA or Less	a. No. Consumers Served	1,566	1,556	
	b. kWh Sold			81,700,667
	c. Revenue			7,687,437
5. Comm. and Ind. Over 1000 KVA	a. No. Consumers Served	15	16	
	b. kWh Sold			68,689,615
	c. Revenue			5,481,974
6. Public Street & Highway Lighting	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
7. Other Sales to Public Authorities	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
8. Sales for Resale - RUS Borrowers	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
9. Sales for Resale - Other	a. No. Consumers Served			
	b. kWh Sold			
	c. Revenue			
10. Total No. of Consumers (lines 1a thru 9a)		23,712	23,659	
11. Total kWh Sold (lines 1b thru 9b)				465,239,391
12. Total Revenue Received From Sales of Electric Energy (lines 1c thru 9c)				45,019,323
13. Transmission Revenue				
14. Other Electric Revenue				1,646,522
15. kWh - Own Use				588,177
16. Total kWh Purchased				489,975,525
17. Total kWh Generated				
18. Cost of Purchases and Generation				35,772,176
19. Interchange - kWh - Net				
20. Peak - Sum All kW Input (Metered) Non-coincident <input checked="" type="checkbox"/> Coincident <input type="checkbox"/>				120,143

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION	BORROWER DESIGNATION KY0057
INSTRUCTIONS - See help in the online application.	PERIOD ENDED December, 2013

PART P. ENERGY EFFICIENCY PROGRAMS

CLASSIFICATION	ADDED THIS YEAR			TOTAL TO DATE		
	No. of Consumers (a)	Amount Invested (b)	Estimated MMBTU Savings (c)	No. of Consumers (d)	Amount Invested (e)	Estimated MMBTU Savings (f)
1. Residential Sales (excluding seasonal)	3,302	48,652	1,600	6,236	70,944	3,133
2. Residential Sales - Seasonal						
3. Irrigation Sales						
4. Comm. and Ind. 1000 KVA or Less	2	15,292	510	4	19,397	810
5. Comm. and Ind. Over 1000 KVA						
6. Public Street and Highway Lighting						
7. Other Sales to Public Authorities						
8. Sales for Resale – RUS Borrowers						
9. Sales for Resale – Other						
10. Total	3,304	63,944	2,110	6,240	90,341	3,943

RUS Financial and Operating Report Electric Distribution

Revision Date 2013

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION INVESTMENTS, LOAN GUARANTEES AND LOANS	BORROWER DESIGNATION KY0057 PERIOD ENDED December, 2013
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INSTRUCTIONS - Reporting of investments is required by 7 CFR 1717, Subpart N. Investment categories reported on this Part correspond to Balance Sheet items in Part C. Identify all investments in Rural Development with an 'X' in column (e). Both 'Included' and 'Excluded' Investments must be reported. See help in the online application.

PART Q. SECTION I. INVESTMENTS (See Instructions for definitions of Income or Loss)

No	DESCRIPTION (a)	INCLUDED (\$) (b)	EXCLUDED (\$) (c)	INCOME OR LOSS (\$) (d)	RURAL DEVELOPMENT (e)
2	Investments in Associated Organizations				
	Patronage Capital from EKP		20,577,050		
	Patronage Capital from KY RECC	64,817			
	Patronage Capital from UUS	267,739			
	Patronage Capital from CFC	193,916			
	Patronage Capital from CoBank	1,000			
	Investments from Capital Term Cert. CFC		850,942		
	CFC Membership	1,000			
	East Kentucky Power Membership	100			
	National Rural Telecom Membership	1,000			
	Patronage Capital from Federated	143,409			
	Envision	10,000			
	Patronage Capital from NISC	75,287			
	Member Capital Securities	25,000			
	Totals	783,268	21,427,992		
6	Cash - General				
	FDIC Insured		1,502,771		
	Working Fund	2,150			
	Totals	2,150	1,502,771		
7	Special Deposits				
	Postmaster	4,000			
	Water Utilities	300			
	Totals	4,300			
8	Temporary Investments				
	KAEC CD	5,000			
	Totals	5,000			
9	Accounts and Notes Receivable - NET				
	Others	1,023,958			
	Totals	1,023,958			
11	TOTAL INVESTMENTS (1 thru 10)	1,818,676	22,930,763		

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION INVESTMENTS, LOAN GUARANTEES AND LOANS	BORROWER DESIGNATION KY0057
	PERIOD ENDED December, 2013

INSTRUCTIONS - Reporting of investments is required by 7 CFR 1717, Subpart N. Investment categories reported on this Part correspond to Balance Sheet items in Part C. Identify all investments in Rural Development with an 'X' in column (e). Both 'Included' and 'Excluded' Investments must be reported. See help in the online application.

PART Q. SECTION II. LOAN GUARANTEES

No	ORGANIZATION (a)	MATURITY DATE (b)	ORIGINAL AMOUNT (\$) (c)	LOAN BALANCE (\$) (d)	RURAL DEVELOPMENT (e)
	TOTAL				
	TOTAL (Included Loan Guarantees Only)				

UNITED STATES DEPARTMENT OF AGRICULTURE RURAL UTILITIES SERVICE FINANCIAL AND OPERATING REPORT ELECTRIC DISTRIBUTION INVESTMENTS, LOAN GUARANTEES AND LOANS	BORROWER DESIGNATION KY0057
	PERIOD ENDED December, 2013

INSTRUCTIONS - Reporting of investments is required by 7 CFR 1717, Subpart N. Investment categories reported on this Part correspond to Balance Sheet items in Part C. Identify all investments in Rural Development with an 'X' in column (e). Both 'Included' and 'Excluded' Investments must be reported. See help in the online application.

SECTION III. RATIO

RATIO OF INVESTMENTS AND LOAN GUARANTEES TO UTILITY PLANT [Total of Included Investments (Section I, 11b) and Loan Guarantees - Loan Balance (Section II, 5d) to Total Utility Plant (Line 3, Part C) of this report]	1.90 %
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SECTION IV. LOANS

No	ORGANIZATION (a)	MATURITY DATE (b)	ORIGINAL AMOUNT (\$) (c)	LOAN BALANCE (\$) (d)	RURAL DEVELOPMENT (e)
	TOTAL				