

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF KENERGY CORP.)
FOR APPROVAL OF A PREPAY METERING) **CASE No. 2017- 00161**
TARIFF)

APPLICATION

Kenergy Corp. respectfully submits this application seeking approval of a Prepay Metering Tariff, pursuant to KRS 278.160 and 807 KAR 5:011. The petition respectfully shows:

1. Kenergy Corp. is a nonprofit electric cooperative organized under KRS Chapter 279 and is engaged in the business of distributing retail electric power to Member/Owners in the Kentucky counties of Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Webster, Breckinridge, Union, Caldwell, Crittenden, Lyon, and Livingston. Kenergy Corp. serves approximately 57,000 active meters and has 7,136 miles of distribution lines.

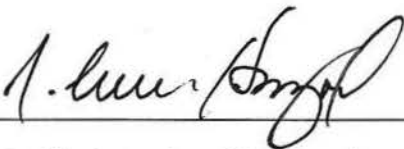
2. The post office address of Kenergy Corp. is Post Office Box 18, Henderson, Kentucky 42419-018. The street address is 6402 Old Corydon Road, Henderson, Kentucky 42420. The electronic mail address is KPSC@kenergycorp.com.

3. The current articles of Consolidation are filed in Case No. 99-136. Kenergy Corp. is incorporated in Kentucky and attests that it is in good standing. 807 KAR 5:001 (Section 14(2)).
4. The Testimony of Stephen Thompson is filed herewith as "Exhibit A".
5. This Application is for the purpose of requesting approval of a Voluntary Prepay Metering Program in accordance with the terms set forth in the proposed tariff attached as "Exhibit B" of this application.
6. The Agreement to be signed by the Member is filed herewith as Exhibit "C".
7. Kenergy Corp. 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 not apply to the prepay metering program.
8. Kenergy Corp. further requests a deviation from 807 KAR 5:006, Section 7(1)(a) which requires certain information to be shown on a bill, in that a monthly bill will not be distributed to the participants in the Prepay Program (see item 17 of the proposed tariff).

WHEREFORE, Kenergy Corp. requests that the Public Service Commission of the Commonwealth of Kentucky issue an Order authorizing the approval of this prepay metering tariff and program for Kenergy Corp.

Dated at Henderson, Kentucky, this 10th day of April, 2017.

DORSEY, GRAY, NORMENT & HOBGOOD
318 Second Street
Henderson, Kentucky 42420
(270) 826-3965 Telephone
(270) 826-6672 Telefax
Attorneys for Kenergy Corp.

By 

J. Christopher Hopgood
chopgood@dkgnlaw.com

**KENERGY CORP.
CASE NO. 2017- 00161**

**THE APPLICATION OF KENERGY CORP.
FOR APPROVAL OF A PREPAY METERING TARIFF**

Index of Exhibits to Application

Exhibit A – Testimony of Steve Thompson

Attachment A – Estimated Number of Participants

Attachment B – Prepaid Software Costs and Monthly Maintenance Fee

Attachment C – Remote Switch Cost

Attachment D – Estimated Useful Life of the Remote Switch

Attachment E – Estimated Bad Debt Expense Savings

Attachment F – Estimated Labor and Overhead Cost for Billing Representative

Attachment G – Screen Prints for Transactions

Attachment H – Meter Specifications

Exhibit B – Proposed Tariff

Exhibit C – Agreement for Prepay Service

CASE NO. 2017- 00161

VERIFICATION

I verify, state and affirm that the testimony filed with this application 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.



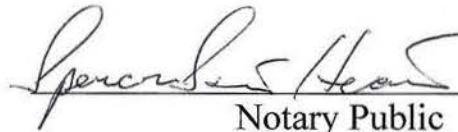
Steve Thompson, Vice President - Finance

STATE OF KENTUCKY

COUNTY OF: DAVIESS

The foregoing was signed, acknowledged and sworn to before me by Steve Thompson, this 10th day of April, 2017.

My commission expires 18 March 2020



Notary Public

552302

(seal)

1 **COMMONWEALTH OF KENTUCKY**
2 **BEFORE THE PUBLIC SERVICE COMMISSION**

3 **In the Matter of:**

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5 **THE APPLICATION OF KENERGY CORP.) CASE NO. 2017- 00161**
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7 **TARIFF)**
8

9 **TESTIMONY OF STEVE THOMPSON**

10
11 Q1. State your name, business address, and occupation.

12 A. I am Stephen Thompson, 6402 Old Corydon Road, Henderson, Kentucky
13 42420. I am employed by Kenergy Corp. as Vice President of Finance and
14 Accounting.

15 Q2. Please describe your education and work experience background.

16 A. I received a Bachelor of Science degree with a major in Accounting
17 from Brescia University. I worked for a regional CPA firm for two years
18 and am licensed as a Certified Public Accountant in Kentucky. I have
19 been employed by Kenergy Corp. in various positions in the
20 Accounting Department since October 1977.

21 Q3. Please explain to the Commission how your position at Kenergy Corp. has
22 involved you in the preparation of this application.

23 A. I have personally prepared the various exhibits filed in this application.

24 Q4. Have you previously testified before this Commission?

25 A Yes, I have filed testimony in several general rate applications for Kenergy
26 Corp.
27

1 Q5: How did Kenergy determine there are no proposed fees for the prepaid
2 metering program?

3 A: The basis for not charging any additional fees is an estimate of the
4 annual savings that essentially cover the expenses for the Prepaid
5 Metering Program.

6 Q6 How many members did Kenergy Corp. use to estimate
7 participation in developing the savings and expenses?

8 A: Kenergy Corp. is estimating that 1,384 members will use the program.
9 See Attachment A.

10 Q7: Please explain how the Prepaid Metering Program works.

11 A: Kenergy Corp. Customer Information System (CIS) and Automated
12 Metering Infrastructure (AMI) software are multi-speak compliant and
13 interface seamlessly. The interface allows the member to make a
14 payment to their electric account through most methods used by post pay
15 members as listed on the Kenergy Corp. website. The amount deposited
16 is then available for viewing on the web portal. Prepay accounts will be
17 billed electronically at least once a day to show the remaining funds on
18 the account. This daily balance is available for the member to view on the
19 web portal. When the amount of funds remaining on a prepay account
20 reaches the established threshold, an automated message will be sent to
21 the member through phone, texting or email alerting the member. The
22 member then deposits additional funds into the account. If the account
23 balance becomes negative, service will be disconnected. Once a payment
24 is made, service will be reconnected. Service disconnection and
25 reconnection will be automatic with the installation of an AMI meter

1 equipped with a remote switch. This meter interfaces with the AMI
 2 system and is remotely activated with a reconnect if an amount is applied
 3 to the account or disconnected when the account balance becomes
 4 negative.

5 Q8: Please discuss the computation of the proposed savings and expenses.

6 A: Tables A, B and C provides the basis and the computation of the
 7 proposed savings and expenses:

8 **TABLE A**

Equipment Costs(Incremental)	TOTAL	Per Member	
Prepay software cost(see Attachment B)	\$ 12,500	\$9.03	\$12,500 divided by 1,384
Remote switch (see Attachment C)		31.80	
Kenergy has purchased and capitalized 6,630 switches.			
The cost of 1,384 switches will be excluded from base rates in general rate applications			
Investment Per Member		\$ 40.83	
TABLE B Monthly Expenses		Per Member	
Depreciation of software costs	15 years	\$.05	\$9.03/15yrs./12 months
Depreciation of Hardware (see attachment D)	13.3 years	.20	\$31.80/13.3yrs./12
Interest expense (RUS cushion of credit rate)	5%	.17	5% times \$40.83/12
Margin requirement (using a 2 Tier)	5%	.17	5% times \$40.83/12
O&M: (per previous coop cases)			
Software	20%	.15	20% times \$9.03/12
Hardware	10 %	.27	10% times \$31.80/12
Monthly software support(see attachment B)	\$375	.27	\$375.00/1,384
Transaction Fees	See table C	\$2.20	
35% Reduction in bad debt expense		-3.43	See attachment E
Total Monthly Expenses(Savings)		.05	

TABLE C

Transaction Fee Expenses when the member pays in person			
One MSR will average 3 minutes per transaction			
Labor (see attachment F)	\$21.73/hr.	\$21.73	
Benefits at 68.64% of each Labor \$		\$14.92	.6864 times \$21.73
Subtotal		\$36.65	

Number of Transactions per Hour	20		
Cost per transaction		\$1.83	\$36.65/20
30% of 1,384 paying in person = 415			
415 times avg. 4 per month at \$1.83 = \$3,038		\$2.20/member	\$3,038 /1,384

1 Q9: Is there a separate transaction fee proposed in this tariff?

2 A: No, the transaction fee when the member pays in person is embedded in
3 Table B monthly expenses per members.

4 Q10: Who is eligible?

5 A: Rate Schedules Residential, All Non-Residential (Single Phase), Private
6 Outdoor Lighting, and Street Lighting excluding accounts on Budget
7 Billing, Automatic Bank Draft, Net Metering, Medical Priority and Yard
8 Light Only accounts.

9 Q11: Please explain in more detail the balance monitoring and balance alerts for
10 the Prepaid Program.

11 A: The member shall be responsible for regularly monitoring the balance on
12 the Prepay account. The account will be adjusted daily and will be
13 available for viewing on the internet usage webpage or by calling the
14 automated customer service. Updates will occur once daily. When the
15 amount of funds remaining on the Prepay account reaches the
16 established threshold, an automated message will be sent to the member.
17 A monthly paper bill will not be mailed to members who receive prepay
18 service nor will a delinquent notice be mailed on prepay accounts.

19 Q12: Please provide a screen print of selected transactions.

20 A: Please see Attachment G.

21 Q13: Please provide an example of an automated phone, text and e-mail.

22 A: Samples are as follows:

23 PLEASE NOTE YOUR CREDIT BALANCE IS \$20.00 FOR KENERGY CORP.

1 PREPAID SERVICE ON ACCOUNT NUMBER.

2 Q14: Please provide a summary of the meter utilized.

3 A: Please see Attachment H.

4 Q15: When does a disconnected account occur?

5 A: A prepaid account will be disconnected if the balance of the account
6 reaches a negative balance. The account will be disconnected regardless
7 of weather or temperature as the member is responsible for ensuring that
8 the prepay account is adequately funded. Service will not be
9 disconnected over the weekend. If the balance becomes negative over a
10 weekend, service will continue until the following Monday. If the
11 following Monday is a holiday, the service will be disconnected at the
12 following normal work day. If the account balance becomes negative on a
13 holiday, service will continue until the following normal work day.

14 Q16: How will communication be impacted during major outage situations?

15 A: The two-way communication will not be available during power outages.
16 This means that the automatic reconnect or disconnect function will not
17 operate without power. During major outage situations, the automatic
18 disconnect function of prepay program will be suspended until Kenergy
19 Corp. has restored power to all members.

20 Q17: Who is not eligible for the prepay program?

21 A: Winter Hardship Reconnect, Certificate of Need, or Medical Certificate as
22 outlined in 807 KAR 5:006, Sections 14, 15 and 16. If a member on a
23 prepay account presents a Certificate of Need, a Medical Certificate or
24 qualifies for a Winter Hardship Reconnect, the member will be required to
25 transfer to a post pay account.

1 Q18: Will an in-home display (IHD) be part of this program?

2 A: No, the IHD of the manufacturer of the AMI meters Kenergy Corp. is using
3 is not multi-speak compliant and therefore is not supported with the
4 prepaid software Kenergy Corp. is using. However, research of other
5 cooperatives indicated that many members opted not to use IHD's
6 because they are expensive to purchase and require the member to be
7 home to read the information while Kenergy Corp. software leverages the
8 member's existing internet or mobile device and can provide access to
9 more information than the IHD's provide from anywhere, anytime.

10 Q19: What are the benefits of the Prepay program?

11 A: There are several benefits associated with the prepay program. The first
12 is that members will have an additional choice which leads to a higher
13 satisfaction level. Another benefit is that prepay is an option that does
14 not require a deposit, which also leads to greater satisfaction. In
15 addition, there is an opportunity for the member to use energy more
16 efficiently as they monitor their usage daily. This helps to reduce the
17 carbon footprint and supports the demand side management initiatives
18 of Kenergy Corp. Finally the program will allow Kenergy Corp. to lower
19 expenses by reducing operating costs associated with
20 connect/disconnect trips, write-offs and delinquent debt. The exact
21 savings associated with these benefits cannot be determined at this time
22 due to the uncertainty of the timeframe of obtaining 1,384 members on
23 the prepay program.

24 Q20: How will the prepay program be communicated to members?

25 A: Kenergy Corp. will utilize a variety of communication mediums to

1 announce the prepay program to its membership. The prepay program
2 will be included in the Kenergy Corp. newsletter and other printed
3 materials, website (www.Kenergycorp.com), social media, a phone
4 application, banners used in its offices and drive-thru windows, and via
5 one-on-one member consultations with member service representatives.
6 Kenergy Corp's member education plan will focus on the expanded
7 benefits the voluntary prepay program affords its members as described in
8 the answer above in 19.

9 Q21: Is there any grant money used for this prepaid program.

10 A: No.

11 Q22: Does this conclude your testimony?

12 A: Yes, this concludes my testimony.

46,121 times ^{2015 percentage of Ky. coops.}
 $3\% = 1,384$ estimated participates

	CURRENT MONTH	YEAR-TO-DATE
RESIDENTIAL-440.100, 440.200		
Number Billed	46,121	46,121
KWH Billed	68,340,261	68,340,261
Amount Billed	\$8,538,151.34	\$8,538,151.34
Average KWH	1,482	1,482
Average Bill	\$185.13	\$185.13
Return Per KWH	0.124936	0.124936
PUBLIC BUILDINGS-SINGLE PHASE-445.000		
Number Billed	554	554
KWH Billed	818,854	818,854
Amount Billed	\$104,192.74	\$104,192.74
Average KWH	1,478	1,478
Average Bill	\$188.07	\$188.07
Return Per KWH	0.127242	0.127242
PUBLIC BUILDINGS-THREE PHASE-445.100		
Number Billed	164	164
KWH Billed	2,651,031	2,651,031
Amount Billed	\$307,079.90	\$307,079.90
Average KWH	16,165	16,165
Average Bill	\$1,872.44	\$1,872.44
Return Per KWH	0.115834	0.115834
SEBREE MINING-KMMC		
Number Billed	1	1
KWH Billed	32,890	32,890
Amount Billed	\$2,804.35	\$2,804.35
Return Per KWH	0.085265	0.085265
LIGHTING-444.000		
Number Billed	93	93
KWH Billed	135,751	135,751
Amount Billed	\$40,589.68	\$40,589.68
Average KWH	1,460	1,460
Average Bill	\$436.45	\$436.45
Return Per KWH	0.299001	0.299001

	CURRENT MONTH	YEAR-TO-DATE
COMMERCIAL SMALL-SINGLE PHASE-442.100		
Number Billed	9,085	9,085
KWH Billed	8,938,402	8,938,402
Amount Billed	\$1,188,235.49	\$1,188,235.49
Average KWH	984	984
Average Bill	\$130.79	\$130.79
Return Per KWH	0.132936	0.132936
COMMERCIAL SMALL-THREE PHASE-442.101, 442.103 (UNDER 1000 KW)		
Number Billed	1,003	1,003
KWH Billed	13,200,639	13,200,639
Amount Billed	\$1,493,068.70	\$1,493,068.70
Average KWH	13,161	13,161
Average Bill	\$1,488.60	\$1,488.60
Return Per KWH	0.113106	0.113106
COMMERCIAL & INDUSTRIAL-LARGE-442.200 (OVER 1000 KW)		
Number Billed	14	14
KWH Billed	7,765,628	7,765,628
Amount Billed	\$725,105.51	\$725,105.51
Average KWH	573,703	554,688
Average Bill	\$51,793.25	\$51,793.25
Return Per KWH	0.093374	0.093374
SEBREE MINING STEAMPORT 442.803		
Number Billed	1	1
KWH Billed	167,140	167,140
Amount Billed	\$13,454.13	\$13,454.13
Return Per KWH	0.080496	0.080496
ARMSTRONG DOCK 442.275		
Number Billed	1	1
KWH Billed	5,135,350	5,135,350
Amount Billed	\$388,659.35	\$388,659.35
Return Per KWH	0.075683	0.075683

March 3, 2017

Mr. Steve Thompson
 Kenergy Corporation
 3111 Fairview Drive
 Owensboro, KY 42303

Dear Mr. Thompson:

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 Kenergy Corporation as summarized below.

$\$12,500 / 1,384 = \9.03
 Participants

Description	One-Time Cost	Monthly Maint
Prepaid	\$ 12,500.00	\$ 375.00

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,

$\$12,500 / 15 \text{ years} / 12 \text{ months} = 65.44$
 $1,384 =$
 $.05$



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

Kenergy Corporation

By: _____

Title: _____

Date Signed: _____

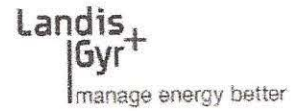


V/10155

LANDIS+GYR TECHNOLOGY, INC.
FKA CELLNET TECHNOLOGY, INC.
30000 MILL CREEK AVE, SUITE 100
ALPHARETTA, GA 30022
US

Invoice #: 90206743
Invoice Date: 12/21/2015
Due Date: 02/04/2016
Sales Order #: 1121025
Pack Slip #: 80189850

Terms: Net due in 45 days
Terms Pay By: 02/04/2016
Terms Discount: 0.00
Page 1 of 1
Fed ID #: [REDACTED]



INVOICE

Bill To:
KENERGY CORP
PO BOX 1389
OWENSBORO, KY 42302-1389

Ship To:
KENERGY CORP
3000 US HIGHWAY 641
MARION, KY 42064

CUSTOMER # 100485	
PO # 4187	
Shipping Co: PROGISTIC Tracking #: CAJA # UD46823	

010	EG010M5M-0T17-4000 FOCUS AXR GDSM 0881 2S 240V CL200 Landis+Gyr Serial Numbers:133254280 to 133258758 Customer Serial Numbers: to	PCS	4,479.000	4,479.000	0 Y	80.00000	358,320.00
020	DGA10N5M-0T17-4000 FOCUS AXR/SD GDSM 0881 2S 240V CL200 Landis+Gyr Serial Numbers:133258759 to 133259360 Customer Serial Numbers: to	PCS	602.000	602.000	0 Y	110.00000	66,220.00

107300
30.00
6% TAX
1.50
Difference for 31.50

NOTES: A/R Contact: LandisGyr_invoice.na@landisgyr.com	Tax Breakdown:		Subtotal	\$424,540.00
	Tax-State	25,472.40	Discount	\$0.00
	Tax-County	0.00	Freight	\$0.00
	Tax-City	0.00	Tax	\$25,472.40
	Tax-Transit	0.00	Total (\$USD)	\$450,012.40
	Tax-Local Sales	0.00		
	Tax-Other State	0.00		

REMIT TO: Landis+Gyr Technology, Inc. fka Cellnet Technology C/O JP Morgan Chase , Dept. 781482 P.O. Box 78000 Detroit, MI 48278-1482.
ACH TO: Landis+Gyr Technology, Inc. BANK: [REDACTED] Account: [REDACTED] ABA/ROUTING CODE: [REDACTED]
WIRE TO: Landis+Gyr Technology, Inc. BANK: [REDACTED] Account: [REDACTED] ABA/ROUTING CODE: [REDACTED]
International Transfers: SWIFT CODE: [REDACTED]

MBW

These Commodities are sold for domestic consumption. Export of these commodities must be made in compliance with applicable US laws.

Retainage = 3% = \$13,500.37

B. Depreciation Rate Methods

The depreciation rate for each account was calculated on a straight line basis using the whole life method. The whole life depreciation rate is calculated as follows:

$$\text{Whole Life Rate} = \frac{100\% - \text{Net Salvage \%}}{\text{Service Life}}$$

AMI

$$\frac{100\% - (-12)}{15 \text{ yrs}} = 7.5\%$$

see next pg.

$$13.3 \text{ yrs}$$

$$100 / 7.5 = 13.3$$

The Service Life values are based on the life analysis which is discussed in the next section. The Net Salvage values are based on historical experience and discussed in the net salvage section.

Now that the transition plan largely has been completed, WG considered the Average Remaining Life methodology as an alternative rate development method. However, after comparing the actual reserve to the theoretical reserve we see no compelling reason to change rate methodologies at this time.

C. Life Analysis

The service life analysis is based on the 1939 to 2009 accounting data used in the 2010 Depreciation Study updated to include the 2010 to 2014 accounting data.

The Simulated Plant Record (SPR) method was used to analyze the plant data. The SPR model uses generalized survivor curves to determine the best retirement pattern that represents the life characteristics of the assets being studied. The model assumes that all vintage additions retire in accordance with the same retirement dispersion pattern and average life. SPR determines the best retirement pattern by retiring the vintage additions over time according to the retirement characteristics of successive Iowa curves and noting the simulated survivors. The curves are ranked according to their ability to simulate annual survivors for the account that are close to the actual survivors for selected test years. The closeness of the match between annual amounts is measured by the Conformance Index (CI) and its reciprocal, the Index of Variation (IV). These measures are based upon the sum of squared differences between simulated and actual annual amounts.

Iowa curves were used in the SPR model to depict the estimated survivor curves. A survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve the average life of the group can be derived by

Table 2
Summary of Depreciation Parameters

	Account	Survivor Curve		Life		Net Salvage	
		Current	Proposed	Current	Proposed	Current	Proposed
362	Station Equipment Supervisory Control	R1	R1	42	44	20	16
362.1	Equipment			20	20	0	0
362.2	Microwave Equipment			20	20	0	0
362.223	Microwave Towers			32	32	10	10
362.3	Fiber in Substations				25		0
362.4	Owenboro Fiber			25	25	0	0
364	Poles, Towers & Fixtures	R1	R1	32	32	-51	-51
365	Overhead Conds & Devices	R4	R3	36	36	-40	-44
366	Underground Conduit	S0	S0	45	45	0	0
367	Underground Conds & Devices	S0	S0.5	39	40	-30	-31
368	Line Transformers	L0	L0.5	39	40	-33	-39
369	Services	R2	R2.5	30	33	-32	-32
370	Meters	O1	S0.5	43	38	-114	-127
370	Meters - AMI		S0.5		15		-12
371	Instal on Cons Premises	O1	R1	31	30	-66	-54
373	St Ltg & Signal Systems	R2	L5	27	25	-19	-15

B Proposed Depreciation Rates

Kenergy uses whole life depreciation rates. Whole life rates require an estimate of the service life and the expected net salvage. The service estimates are based on the SPR model as discussed in the Life Analysis section. The net salvage estimates are based on historical experience as discussed in the Net Salvage section. Table 3 is a summary of the depreciation rates. The column marked "Current Rates" lists the depreciation rates currently being used by Kenergy. The rates in the column marked "Calculated Rates" were developed using the proposed service lives and net salvage estimates in Table 2. The rates in the column marked "Proposed Rates" are the recommended rates and are the calculated rates except for account 368. In account 368 it was felt that the life and salvage estimate generated too high of a rate increase. This is primarily due to keeping the depreciation rate in the 2010 study at the 2006 study level. Had the 2010 rate been at its calculated rate of 3.4 percent a move to the 2015 calculated rate of 3.5 percent would not have

Table 3
Summary of Depreciation Rates

Account	Current Rates	Calculated Rate	Proposed Rates
362 Station Equipment	1.9%	1.9%	1.9%
362.1 Supervisory Control Equipment	5.0%	5.0%	5.0%
362.2 Microwave Equipment	5.0%	5.0%	5.0%
362.2.2 Microwave Towers	2.8%	2.8%	2.8%
362.3 Fiber in Substations		4.0%	4.0%
362.4 Owenboro Fiber	4.0%	4.0%	4.0%
364 Poles, Towers & Fixtures	4.7%	4.7%	4.7%
365 Ohead Conds & Devices	3.9%	4.0%	4.0%
366 Underground Conduit	2.2%	2.2%	2.2%
367 Underground Conds & Devices	3.1%	3.3%	3.3%
368 Line Transformers	2.9%	3.5%	3.3%
369 Services	3.8%	4.0%	4.0%
370 Meters	5.0%	6.0%	6.0%
370 Meters - AMI		7.5%	7.5%
371 Instal on Cons Premises	5.4%	5.1%	5.1%
373 St Ltg & Signal Systems	3.8%	4.6%	4.6%
Composite Rate	3.8%		3.9%

been an issue. Then as now there are good reasons to use a rate lower than the calculated in this account. A move to the calculated rate would put the actual reserve greater than the theoretical reserve and create higher than necessary reserve levels in the five year forecast if the proposed net salvage materializes. A lower rate fixes this issue. Also there has been a spike in negative net salvage in recent years which we believe will moderate making a higher accrual unnecessary.

It is worth noting that in this study there will be only one account with a depreciation rate below the calculated depreciation rate using appropriate life and net salvage estimates. This is an additional indication that the measured steps in the prior studies have been successful. The proposed depreciation rates will increase the composite depreciation rate from 3.8 percent to 3.9 percent.

Kenergy Corp.
Prepaid Metering Application

Impact on Bad debt expense

Based on discussions with other Ky coops and a review of their PSC Annual reports, a substantial reduction in bad debt expense has been realized after the implementation of a Prepaid Metering tariff.

Kenergy's bad debt expense booked in 2016 was \$162,666. Utilizing a conservative estimate of 35%, a savings of \$56,933 would be realized. ($\$56,933 / 1,384 \text{ participants} / 12 \text{ months} = \$3.43.$)



Henderson, Kentucky

FOR ALL TERRITORY SERVED

Community, Town or City

PSC NO. 2

Second Revised SHEET NO. 32 (Exh. A)

CANCELLING PSC NO. 2

First Revised SHEET NO. 32 (Exh. A)

CLASSIFICATION OF SERVICE
Schedule 32 - Special Charges

Special Charges:

Non-Worked Hours:

Table with 3 columns: Category, Hours, Percent. Rows include Total Hours (2,080), Average Vacation (160), Holidays (64), Sick Leave Days (61), and Hours Worked (1,795).

For every \$100 of labor paid, \$86.30 is paid for work and \$13.70 is paid for non-working hours. The allocation for Office and Service employees is as follows:

Table with 4 columns: R/I/I, Job Title, Hourly Rate, Percent, Non-Working Hourly Amount. Rows include Meter Reader/Service, Office/Clerical, and Dispatcher.

Other Costs Based on Regular Labor Worked:

% of Regular Labor Worked

Pro forma Ending June 30, 2015

Table with 4 columns: Category, Amount, Percent, and handwritten calculation. Rows include Regular Wages, Health, Life, Disability, Pension, Payroll Taxes, and Workers Comp., with a handwritten sum of 68.64%.

DATE OF ISSUE November 23, 2016

DATE EFFECTIVE May 20, 2016

ISSUED BY [Signature] (Signature of Officer)

TITLE President and CEO

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION

IN CASE NO. 2015-00312 DATED September 15, 2016

KENTUCKY PUBLIC SERVICE COMMISSION
Talina R. Mathews EXECUTIVE DIRECTOR
EFFECTIVE 5/20/2016 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

- Billing History
- Customer
- Accounts Receivable
- Prepaid Meter Billing**
- Payments/Readings
- Contact Tracking
- Meter Install/Maint
- Miscellaneous Options

Find: Search Type: Name Last: First: Search Advanced Search

Prepaid Meter Billing Account Level Set Aside

Account	Service	Provider	Consumer Class	Credit Rating	Prepaid Met...	Total Bill Amt	Current Bill Amt	30-Day	60-Day	90-Day
	ELEC	ELEC	P-Prepaid Meter	30-COPPER	66.85	-76.06	-76.06	0.00	0.00	0.00

-76.06 -76.06 0.00 0.00 0.00

Prepaid Meter Arrangement Amt: 0.00
 Prepaid Meter Arrangement Pct: 0.0000 %
 Prepaid Meter Bill Amt: 66.85
 Prepay Notification Balance: -0.00
 Prepay Reconnect Balance: -0.00

Calculated Balance
 Total Bill Amount: -76.06
 Next Prepaid Bill Amt: 0.00
 Deposit Amount To Apply: -0.00
 Prepaid Meter Arrangement Amt: -0.00
 Payment Assistance Amt: -0.00
 Total: -76.06

Balance Information
 Total Due: -76.06
 Current: -76.06
 Past Due: 0.00
 30-Day: 0.00
 60-Day: 0.00
 90-Day: 0.00
 Prepaid Meter Bal: -8.21

Calculate
 Next Prepaid Bill Amt: 0.00

Navigation My Favorites

- Alerts**
- LANDLORD INFO
 - Disconnect Collar

General (2)

Add Delete Related

Read Now Calculate

msciidemo3 90000 - CIS Demo - Enterprise NISC CIS Customer Care

File View Application My Favorites My History Tools Help

Job Manager Work Queue Auto Outage E-88 Attach Value Set Aside

Find:

- Billing History
- Customer
- Accounts Receivable
- Prepaid Meter Billing
- Payments/Readings
- Contact Tracking
- Meter Install/Maint
- Miscellaneous Options

Prepaid BM Calculation

Output Options

Stored Jobs: 1476 Print Parameters Print

Job Name: Screen File Printer Advanced Copies: 0 Print Options

Submit Options

Run Now Scheduled Time: Date:

Navigation | My Favorites

Alerts

General

This provides additional options for the field selection.



Home | Billing & Payments - | My Profile - | My Usage - | Notifications - | Contact Us | Have a Question? Get Help. »

Quick Links

I want to...

- Pay My Bill
- Manage My Registered Accounts
- View Service Requests
- View Billing History
- View Usage
- View Outages
- Get Help
- Outage Map
- Company News
- Co-op Connections Card
- Call Before you Dig!



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View and Manage My Usage

We've improved your usage management tools!



Key Features

- Analyze and understand usage trends to find ways to cut back.
- Create and track a monthly budget to avoid unexpected high utility bills.
- Set a point or range in time to compare differences in usage.
- And much more.

Check out all the great My Usage features! Start Now »

Account Overview



Days Remaining: 3 Estimated View Bill »

Prepaid Credit: -\$11.43

Prepaid Total Credit: -\$11.43

Make Payment »

Pay all outstanding balances »

See Less

Account

NISC Electric Service Prepaid Account View Prepaid Details »

Days Remaining

3 Estimated View Bill »

Prepaid Credit Balance

-\$11.43

Pay Account »



Billing & Payments

- Billing History
- Payment History
- Prepaid Accounts
- Payment Extensions
- Budget Gauge



Select/Unselect All

Total amount may differ from your statement due to recent payments and/or adjustments

NISC Electric Service

Account: [Redacted] Prepaid Account
 View Usage
 View Prepaid Details

Days Remaining	Prepaid Credit Balance	Make a Payment	Payment Estimator
3 Estimated	-\$11.43	\$ 40.00	Total Due
Low funds. Please keep your balance above \$25.00. Check Payments are not authorized for prepaid accounts.			* Other Amt

\$40.00 Pay Now >



Log Out | Home | Help | Report An Outage

Home **Billing & Payments** - My Profile - My Usage - Notifications - Contact Us Have a Question? Get Help. >

Billing & Payments

- Billing History
- Payment History
- Prepaid Accounts
- Payment Extensions
- Budget Gauge

Payment Summary Payment: \$40.00

There are no scheduled payments.

NISC Electric Service

Account [REDACTED] Prepaid Account

Account ID: [REDACTED] Account ID: [REDACTED]

Payment

\$40.00

Edit Amount >

Total Payment

\$40.00

Continue

Select Payment Date & Method

Payment Confirmation



Home **Billing & Payments** My Profile My Usage Notifications Contact Us Search Have a Question? Get Help. »

Billing & Payments

- Billing History
- Payment History
- Prepaid Accounts
- Payment Extensions
- Budget Gauge

Payment Summary

Payment: \$40.00

Select Payment Date & Method

- Pay with a new Credit or Debit Card
- Pay with a new Bank Account

Payment Date:

- Today: 04/05/2016
- Other: 04/15/2016

Cancel Continue

Payment Confirmation



Billing & Payments

- Billing History
- Payment History
- Prepaid Accounts
- Payment Extensions
- Budget Gauge

Payment Summary

Payment: \$40.00

Select Payment Date & Method

Total Payment Amount **\$40.00** Security Phrase [SmartHub Router](#) [password](#)
 Payment Date **04/15/2016**

Payment Account Details		Account Holder Details	
Account Type	Personal Checking ▼	First Name	██████████
Bank Routing Number	██████████ where do I find it?	Last Name	██████████
Account Number	██████████	Company Name (optional)	
Account Number (Confirm)	██████████ MATCHES where do I find it?	Address	████████████████████ See More
		City	██████████
		State	██████████ ▼
		Zip Code	██████████

Payment Confirmation



- Billing & Payments
- Billing History
- Payment History
- Prepaid Accounts
- Payment Extensions
- Budget Gauge

Payment Summary

Payment: \$40.00

Select Payment Date & Method

Please confirm your payment information is correct.

Click Submit to make a payment or Re-enter to change your information.

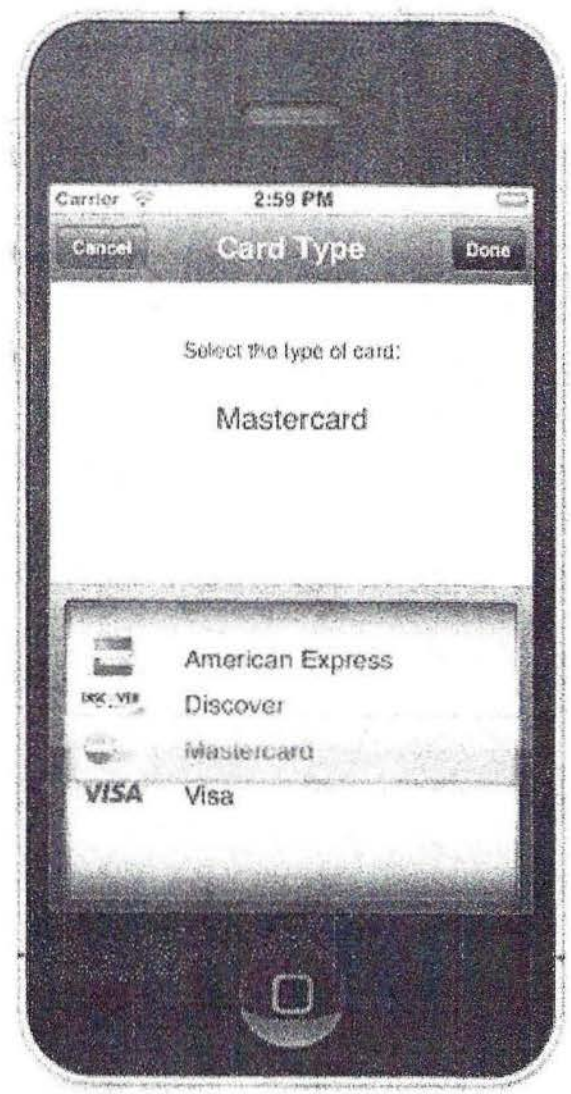
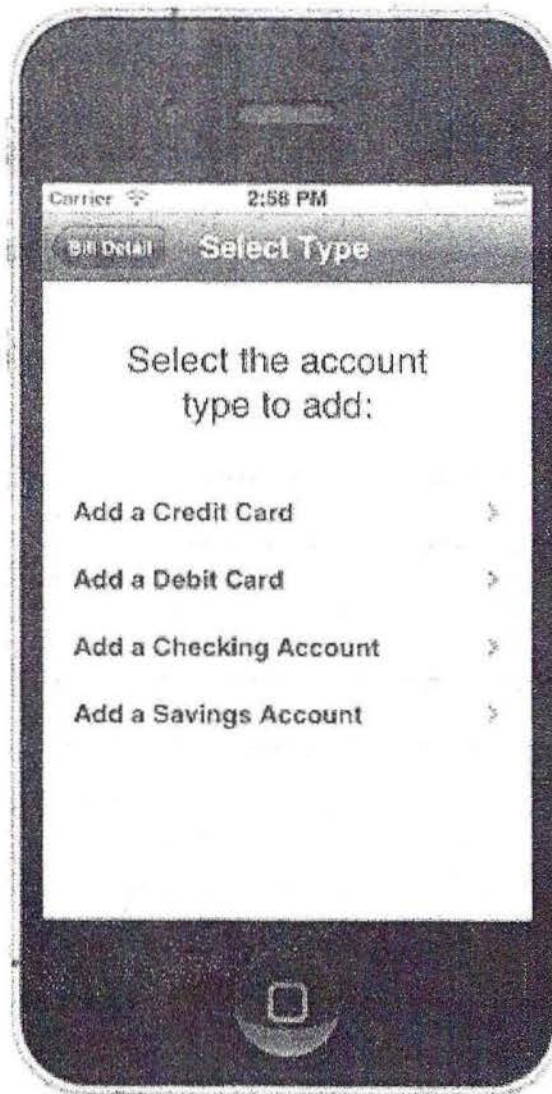
First Name:	[REDACTED]	Total Payment Amt:	\$40.00
Last Name:	[REDACTED]	Payment Date:	04/15/2018
Address:	[REDACTED]	Account Type:	Personal Checking
		Routing Number:	[REDACTED]
		Account Number:	[REDACTED]

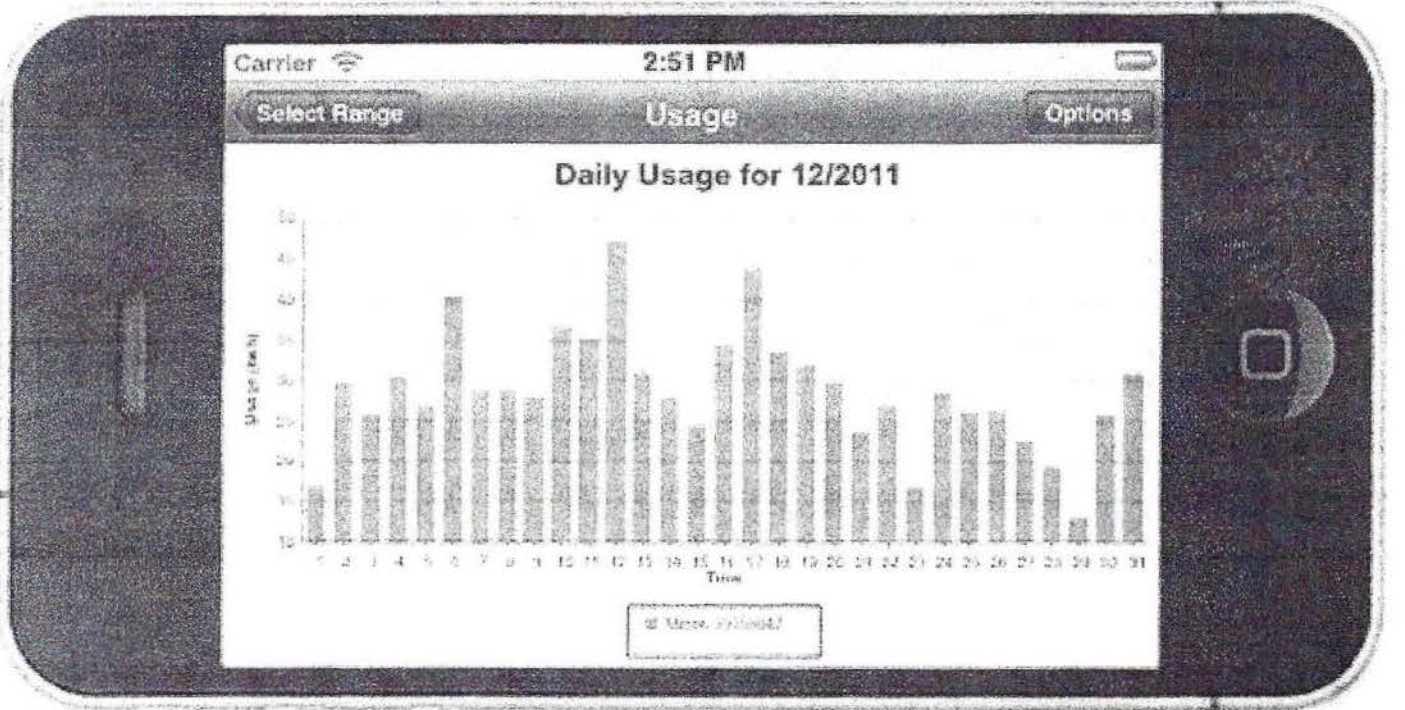
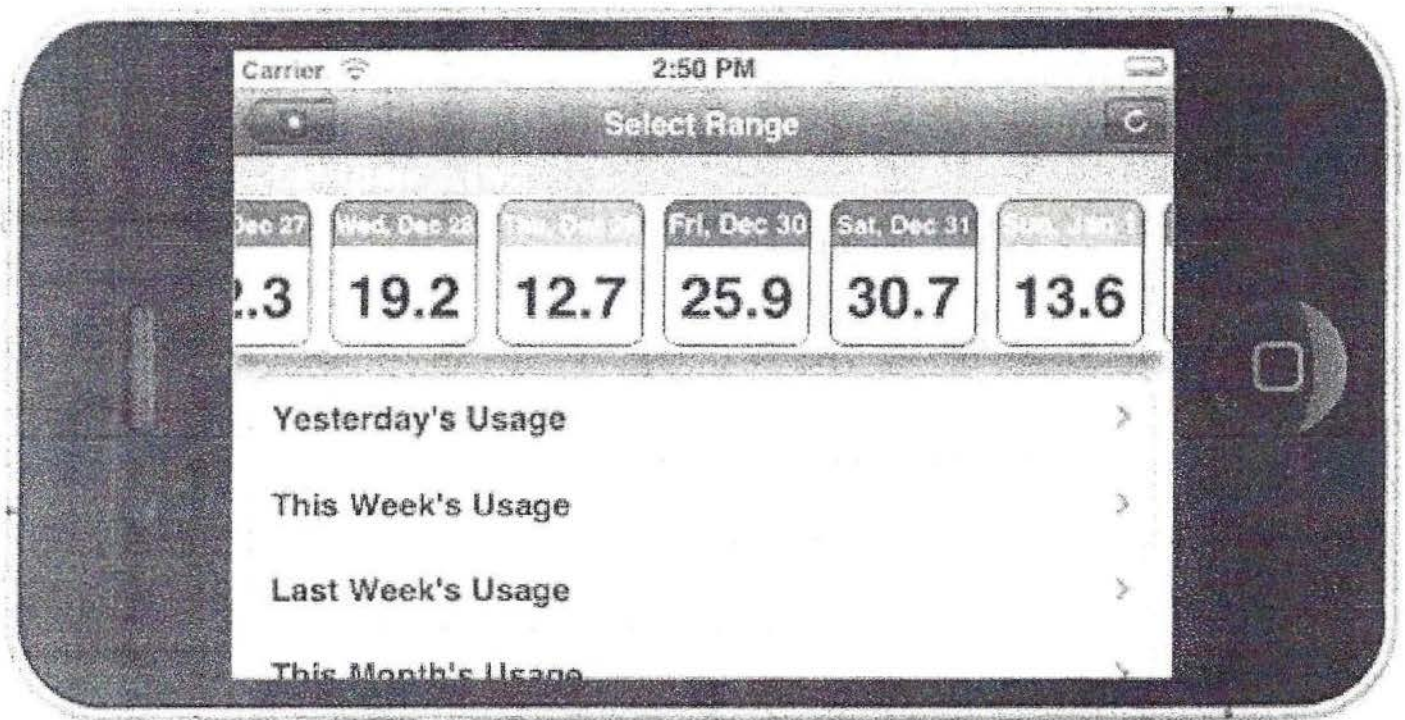
By clicking on the Submit button below, I authorize Hat's and More to initiate an electronic debit to my bank account in the amount of the Total Payment Amount shown above. This authorization is to remain in full force and effect unless I provide written notification to Hat's and More within an appropriate timeframe as to allow Hat's and More and the financial institution entered above to act on it.

Submit Re-enter

Cancel

Payment Confirmation







Manage Contracts

Manage Notifications

Manage Notifications

Use this page to sign up for notifications about activity on your billing account. Expand the notification heading to see all available notifications for that type.

Billing

- Select All
- Billing Change Options
This is a notification to inform you when you change your billing options from SmartHub.
- Credit Card Expiration Options
This is a notification to inform you when your billing credit card is about to expire.
- Payment Confirmation Options
This is a notification to inform you we received your payment submission.
- Payment Extension Options
This is a notification to inform you of a payment date extension.
- Prepaid Account Disconnect for Nonpayment Options
This is a notification users receive when their account has been disconnected for non-payment.
- Prepaid Account Reconnect for Payment Options
This is a notification users receive when their account has been reconnected from a prior non-payment disconnect.
- Prepaid Low Balance Above Cutoff Multiple Contacts Options
This is a notification users receive when their account has a credit that qualifies for low balance notice and is above cutoff amount.
- Prepaid Low Balance Below Cutoff Options
This is a notification users receive when their account has a credit that qualifies for low balance notice but is still below cutoff amount.
- Scheduled Payment Notification Options
This is a notification to inform you when a payment is scheduled or canceled.
- Unsuccessful Payment Notification Options
This is a notification to inform you when an unsuccessful payment has been made.

Service

Miscellaneous

MO CSE Demo3 Smarthub

https://mocisdemo3.smarthub.coop/

Apps Salesforce.com Login Employee Self Serve NISC WebEx Enterpr U.S. Bank NISC CC HSA Acct Login Master Control NISC ABS PrepaidIntegration Vitality Other bookmarks

NISC

Home Billing & Payments My Profile Search Have a Question? Get Help

Manage Contacts Manage Notifications

Manage Notifications

Use this page to sign up for or manage your notifications.

Billing

Select All

Billing Change

Credit Card Exp

Payment Confir

Payment Explanat

Prepaid Account Disconnect for Nonpayment

Prepaid Account Reconnect for Payment

Prepaid Low Balance Above Cutoff

Prepaid Low Balance Below Cutoff

Scheduled Payment Notification

Unsuccessful Payment Notification

Service

Miscellaneous

Edit Prepaid Low Balance Above Cutoff Subscriptions

A notification will be sent to the contacts you select based on your prepaid balance and your Notification Balance. Your notification balance must be at or above \$0.00 (e.g. \$-1.00). Each type of service may have a different balance. If you have multiple types of service for your account you may have the option to set a balance for each type.

Account: [REDACTED]

NISC Electric Service Notice Balance: 25.00

Contacts:

[REDACTED]

None

Discard And Close

Notifications for that type:

[REDACTED] Options

[REDACTED] Options

Multiple Contacts [REDACTED] Options

[REDACTED] Options

Billing & Payments My Profile My Usage Notifications Contact Us

Call Us: (866) 999-6472



Edit Prepaid Account Disconnect for Nonpayment Subscriptions

Pay Now Return An Offer

Have a Question? Get Help

Home Billing & Payments

Manage Contacts
Manage Notifications

To choose how to be contacted for Prepaid Account Disconnect for Nonpayment notifications drag the account numbers to the box for the contact method you wish to be notified by. You can drag an account to multiple contact methods by dragging it from the available bucket into the first contact method, then again from the available bucket into the second contact method.

Available Accounts

Cancel Save Forward And Close

- Payment Extension
This is a notification to inform you of a payment date extension.
- Prepaid Account Disconnect for Nonpayment
This is a notification users receive when their account has been disconnected for non-payment.
- Prepaid Account Reconnect for Payment
This is a notification users receive when their account has been reconnected from a prior non-payment disconnect.
- Prepaid Low Balance Above Cutoff
This is a notification users receive when their account has a credit that qualifies for low balance notice and is above cutoff amount.
- Prepaid Low Balance Below Cutoff
This is a notification users receive when their account has a credit that qualifies for low balance notice but is still below cutoff amount.
- Scheduled Payment Notification
This is a notification to inform you when a payment is scheduled or canceled.
- Unsuccessful Payment Notification
This is a notification to inform you when an unsuccessful payment has been made.

Service

Miscellaneous

Options
Options
Options
Options



- Billing & Payments
- Billing History
- Payment History
- Prepaid Accounts**
- Payment Extensions
- Budget Gauge

Prepaid Accounts

Select an Account to View:

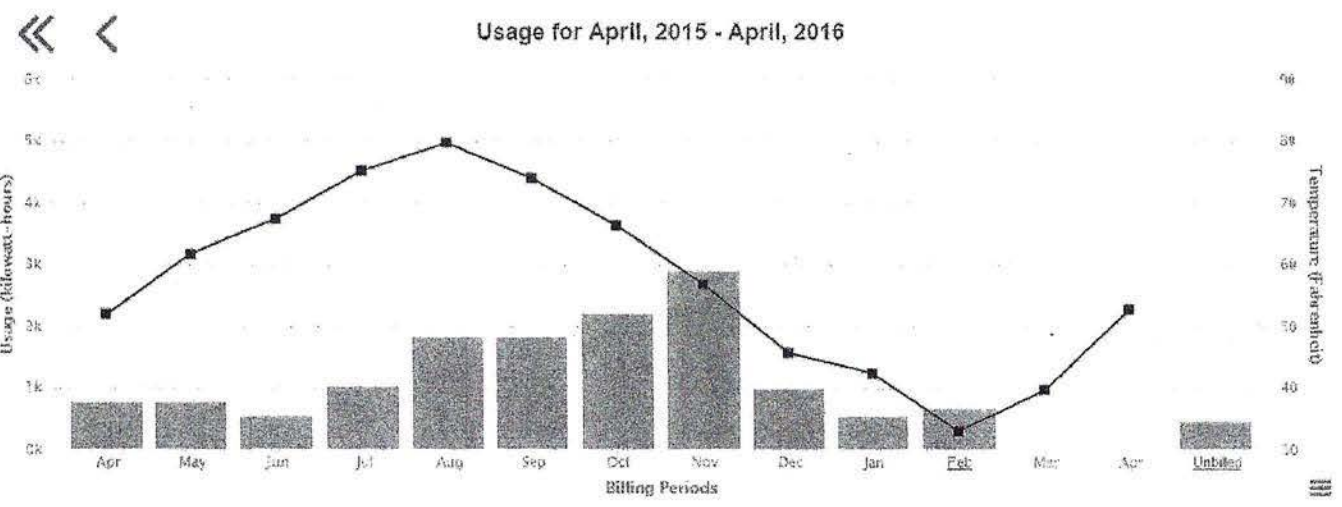
[Redacted] NISC Electric Service

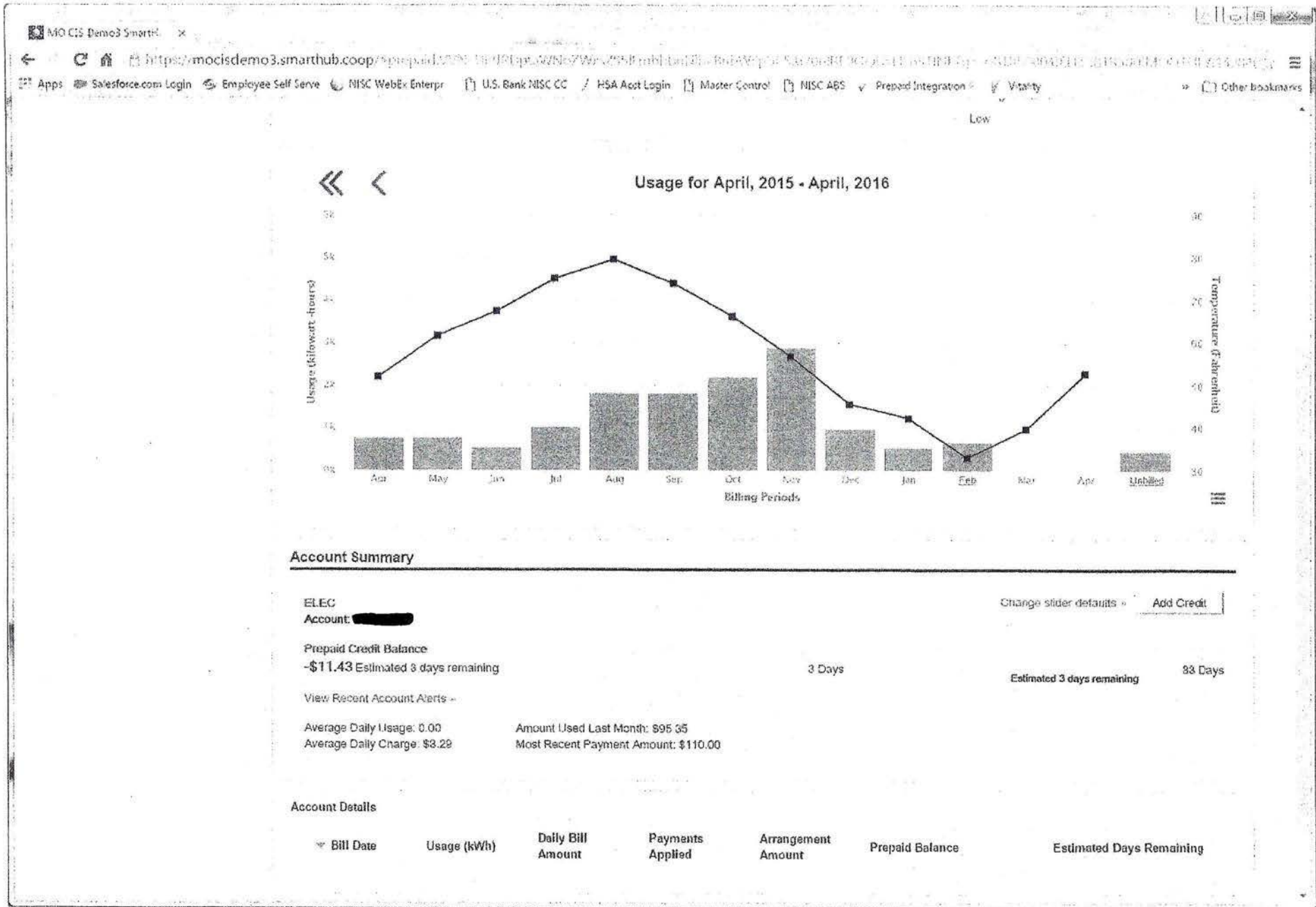
View Usage For: [Redacted]

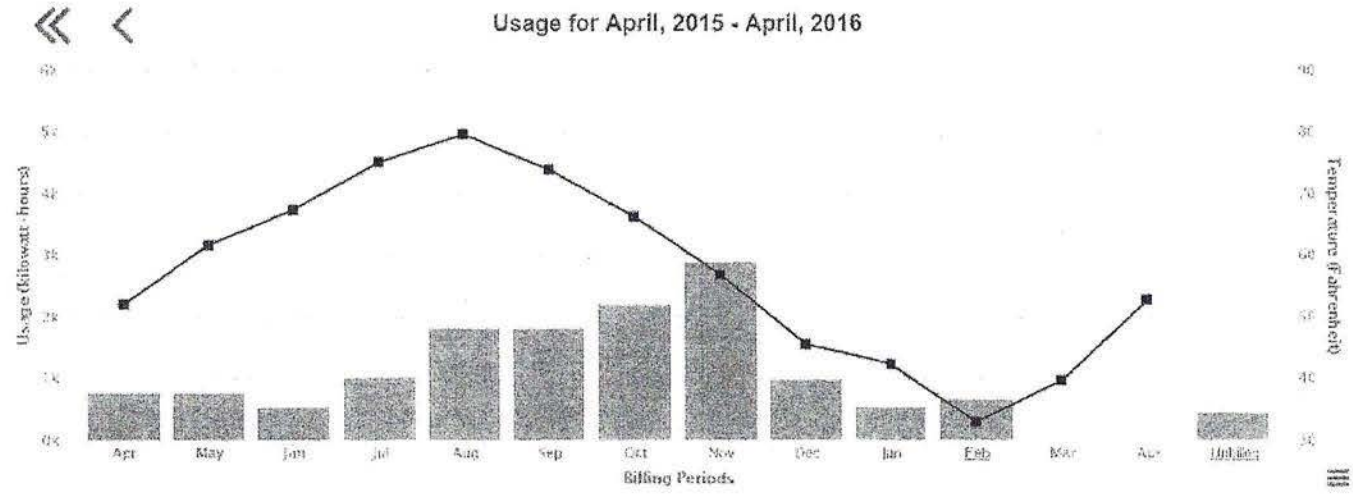
View Graph By: Usage

View Temperature:

- High
- Average
- Low







Account Summary

ELEC Account: [REDACTED] Change slider defaults

Prepaid Credit Balance Dollars Remaining: \$47.62

-\$11.43 Estimated 3 days remaining 3 Days Payment Amount: \$36.19 | Estimated 14 days remaining 38 Days

View Recent Account Alerts

Average Daily Usage: 0.00 Payment Amount: \$36.19

Average Daily Charge: \$3.29 Amount Used Last Month: \$95.35

Most Recent Payment Amount: \$110.00

Account Details

Bill Date	Usage (kWh)	Daily Bill Amount	Payments Applied	Arrangement Amount	Prepaid Balance	Estimated Days Remaining
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- Billing History
- Customer
- Accounts Receivable
- Prepaid Meter Billing
- Payments/Readings
- Contact Tracking
- Meter Install/Maint
- Miscellaneous Options

Search Type: Name Last: First: Search Advanced Search

Account	Service	Provider	AR Status	Total Bill Amt	Current Bill Amt	Total Bill Past	Total AR Amt	Current AR Amt	Total AR Past	30-Day	60-Day	90-Day	Customer	Sort Name
	ELEC	ELEC	AR Active	-76.06	-76.06	0.00	-76.06	-76.06	0.00	0.00	0.00	0.00		
				-76.06	-76.06	0.00	-76.06	-76.06	0.00	0.00	0.00	0.00		

Consumer Class: Prepaid Metering
 Agreement Status: 1 Active / 1 Total
 Credit Rating: 80 - COPPER Account/Provider
 Bill Cycle: 2

Prepay
 Bill Amount: 66.85 Arrangement Amt: 0.00
 Balance: -9.21 Arrangement Pct: 0.00008
 KWH Usage: 493
 Last Update Date/Time: 02/24/2016 10:43:11

Delinquent

DHP Locations: 0 Cons Months DQ: 0
 Cons Months 90 Bat: 0
 DQ Action: 0 - Penalty, send DQ and cutoff

Delinquent

Description	Amt	Date Billed	Due Date	Bill Print ...
Total	-76.06			
Current	-76.06	02/16/2016	05/04/2016	02/16/2016
Total Past	0.00			
30-Day	0.00	01/15/2016	02/11/2016	01/15/2016
60-Day	0.00	12/16/2015	01/11/2016	12/16/2015
90-Day	0.00	11/16/2015	12/11/2015	11/16/2015

Deferred Payment Agreements

Arrangements: 0.00 Assistance: 0.00

Payment History

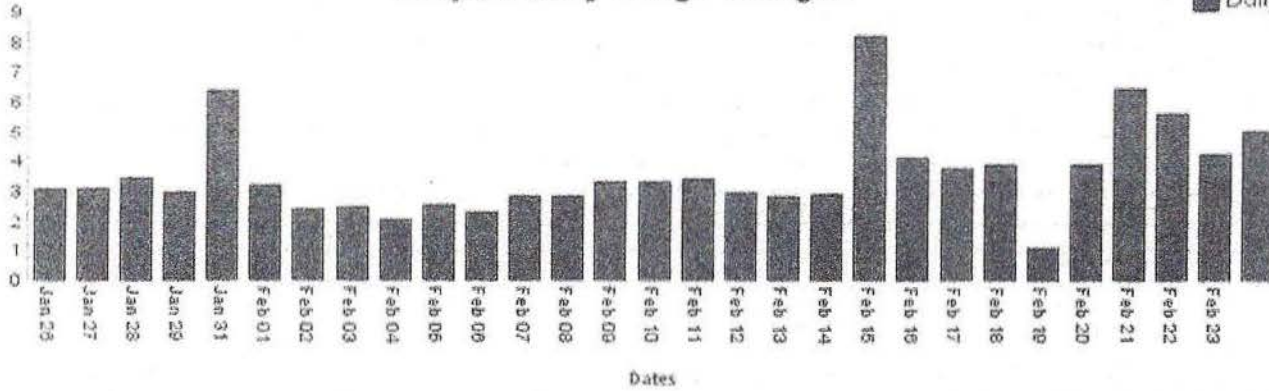
Last Payment Amount: 25.00 02/20/2016
 Source Module: IVR-VX Batch: 704
 Received This Month
 Payments Not For Penalty: 25.00
 Payments For Penalty: 0.00

Navigation My Favorites

- Alerts**
- LANDLORD INFO
 - Disconnect Call

Prepaid Daily Usage Charges

■ Daily Bill Amt



Recent Activity

Update Dt : Notification

Account Summary

Account: [REDACTED]
 Provider: ELEC
 Balance: -9.21
 Last Payment Amount: 25.00
 Last Payment Date: 02/20/2016
 Daily KWH Usage: 39
 Daily Bill Amt: 5.12
 Average Daily Amt: 4.18
 Amt Used Last Mo: 95.35

Prepaid Usage History

Account	Provider	Billing Dt	Daily KWH Usage	Cumulative KWH Usage	Revenue	Demand	PCA
[REDACTED]	ELEC	02/24/2016 10:49:11	39	493	62.49	0.00	0.00
[REDACTED]	ELEC	02/23/2016 10:47:03	32	454	57.69	0.00	0.00
[REDACTED]	ELEC	02/22/2016 10:47:04	44	422	53.65	0.00	0.00
[REDACTED]	ELEC	02/21/2016 10:46:54	46	378	48.30	0.00	0.00
[REDACTED]	ELEC	02/20/2016 10:47:19	29	332	42.20	0.00	0.00
[REDACTED]	ELEC	02/19/2016 10:47:24	10	303	38.49	0.00	0.00
[REDACTED]	ELEC	02/18/2016 10:47:52	29	293	37.40	0.00	0.00
[REDACTED]	ELEC	02/17/2016 10:47:28	28	264	33.69	0.00	0.00
[REDACTED]	ELEC	02/16/2016 10:47:18	36	236	30.10	0.00	0.00
[REDACTED]	ELEC	02/15/2016 10:47:02	66	868	115.26	0.00	0.00
[REDACTED]	ELEC	02/14/2016 10:48:11	20	802	107.51	0.00	0.00
[REDACTED]	ELEC	02/13/2016 10:49:26	20	782	104.78	0.00	0.00
[REDACTED]	ELEC	02/12/2016 10:46:50	21	762	102.06	0.00	0.00
[REDACTED]	ELEC	02/11/2016 10:46:56	25	741	99.23	0.00	0.00
[REDACTED]	ELEC	02/10/2016 10:47:22	24	716	95.96	0.00	0.00
[REDACTED]	ELEC	02/09/2016 10:47:05	24	692	92.80	0.00	0.00
[REDACTED]	ELEC	02/08/2016 10:47:26	20	668	89.64	0.00	0.00
[REDACTED]	ELEC	02/07/2016 10:47:02	20	648	86.92	0.00	0.00

Close Help

FOCUS AX

E330 FOCUS AX E350 FOCUS AX-SD Single Phase E330 FOCUS AX Polyphase

The FOCUS family of meters featuring advanced residential metering and light commercial applications.

The FOCUS® AX platform features 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 end point 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 AX meter.

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 advanced metering technology or manually at the meter. The combinations of FOCUS Service Disconnect base module and powerful AX register provides a flexible system that supports a variety of connect/disconnect and service-limiting applications.

Economical and Reliable Option for Light Commercial Applications

The FOCUS AX Polyphase meter provides a cost-efficient alternative for light commercial metering applications that do not require all of the functionality of the S4e meter. The FOCUS AX Polyphase meter contains a 120V to 277V auto-ranging power supply suitable for both 277/480V, 4W, WYE and 240/480V 4-wire Delta Services. As an addition to the FOCUS family of meters, the AX Polyphase brings the same proven solid-state performance utilities have come to expect from FOCUS meters, in an economical and AMI-ready platform for commercial and industrial applications.



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 communication device)
- 6 digit LCD and 3 Alpha ID
- Selectable meter multiplier up to 240 (1200:5 CT)



Product Specification and Schedule Sheet

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	
Operating Voltage	80% to 115% of Vn	
Frequency	60Hz +/- 5%	
Humidity	5% to 95% relative humidity, non condensing	
Voltage Burden	≤ 1.9W Max	
Load Performance Accuracy	Accuracy Class 0.5% – typical accuracy 0.2%	
	Exception: Form 36S 0.5%	
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	
	CAN3-C17-M84 Canadian specifications for approval of type of electricity meters	
Service Disconnect	10,000 operations at full rated current (disconnect/connect)	
Landis+Gyr Communication	FOCUS AX Single Phase	2 Way Gridstream RF 2 Way Gridstream PLC
	FOCUS AX-SD	2 Way Gridstream RF 2 Way Gridstream PLC
	FOCUS AX Polyphase	2 Way Gridstream RF
Third Party Communication	FOCUS AX Single Phase	Aclara STAR Network - RF Aclara TWACS Technology - PLC Sensus 2 Way RF Flex Net Silver Spring 2 Way RF Mesh Trilliant 2 Way SecureMesh
	FOCUS AX-SD	Aclara STAR Network – RF Aclara TWACS Technology – PLC Sensus Flex Net Silver Spring Network 2 Way RF Mesh Trilliant 2 Way SecureMesh
	FOCUS AX Polyphase	Aclara STAR Network – RF Aclara TWACS Technology – PLC Metrum CDMA/1xRTT and GSM/GPRS under glass Sensus Flex Net Silver Spring 2 Way RF Mesh Trilliant 2 Way SecureMesh

The FOCUS AX Single-phase meter is available in the following forms:

Form	Nominal Voltage	Current Class	Test Amps	Starting Load	Kh
1S	120V	CL 100	15.0	0.030 Amp (3.6W)	1.8
1S	240V	CL 200	30.0	0.050 Amp (12W)	7.2
2S	240V	CL 200	30.0 / 50.0	0.050 Amp (12W)	7.2
2SE	240V	CL 320	30.0 / 50.0	0.080 Amp (19.2W)	12.0
2K	240V	CL 480	30.0 / 50.0	0.120 Amp (28.8W)	14.4
3S	120V	CL 10 or 20	2.5	0.005 Amp (0.6W)	0.3
3S	240V	CL 10 or 20	2.5	0.005 Amp (0.6W)	0.6
4S	240V	CL 10 or 20	2.5	0.005 Amp (0.6W)	0.6

The FOCUS AX Service Disconnect meter is available in the following forms:

Form	Nominal Voltage	Current Class	Test Amps	Starting Load	Kh
1S	120V	CL 100	15.0	0.030 Amp (3.6W)	1.8
2S	240V	CL 200	30.0/50.0	0.050 Amp (12W)	7.2
12S	120V	CL 200	30.0/50.0	0.050 Amp (12W)	14.4
25S	120V	CL 200	30.0 / 50.0	0.050 Amp (12W)	14.4

The FOCUS AX Polyphase meter is available in the following forms:

Form	Nominal Voltage	Current Class	Test Amps	Starting Load	Kh
9S/8S	120V – 277V	CL 20	2.5	0.005 Amp (0.6W)	1.8
12S	120V – 277V	CL 200	30.0/50.0	0.050 Amp (12W)	14.4
12SE	120V – 277V	CL 320	50.0	0.080 Amp (19.2W)	14.4
16S	120V – 277V	CL 200	30.0/50.0	0.050 Amp (12W)	21.6
16SE	120V – 277V	CL 320	50.0	0.080 Amp (19.2W)	21.6
25S	120V – 277V	CL 200	30.0/50.0	0.050 Amp (12W)	14.4
25SE	120V – 277V	CL 320	50.0	0.080 Amp (19.2W)	14.4
36S (6S)	120V – 277V	CL 20	2.5	0.005 Amp (0.6W)	1.8
45S (5S)	120V – 277V	CL 20	2.5	0.005 Amp (0.6W)	1.2

FOCUS Single Phase/Polyphase:

Form	Net	Single Pack	Single Pack	Four Pack	Four Pack	Pallet	Pallet
	Lbs.	Weight	Dimensions	Weight	Dimensions	Weight	Dimensions
1S	1.8	2.7 lbs.	8 3/4" x 8 3/4" x 9"	9.5 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
2S(E)	1.9	2.8 lbs.	8 3/4" x 8 3/4" x 9"	9.6 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
2K	3.35	5.5 lbs.	12 9/16" x 12 9/16" x 9"	N/A	15 1/2" x 7" x 15 1/2"	195 lbs.*	31" x 46" x 37"
3S	1.8	2.7 lbs.	8 3/4" x 8 3/4" x 9"	9.5 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
4S	1.9	2.8 lbs.	8 3/4" x 8 3/4" x 9"	9.6 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
5S/45S	1.8	2.7 lbs.	8 3/4" x 8 3/4" x 9"	9.5 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
6S/36S	1.8	2.7 lbs.	8 3/4" x 8 3/4" x 9"	9.5 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
8S/9S	1.8	2.7 lbs.	8 3/4" x 8 3/4" x 9"	9.5 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
12S(E)	2.0	2.9 lbs.	8 3/4" x 8 3/4" x 9"	10.3 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
16S(E)	1.9	2.8 lbs.	8 3/4" x 8 3/4" x 9"	9.6 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.	31" x 46" x 37"
25S(E)	2.0	2.9 lbs.	8 3/4" x 8 3/4" x 9"	10.3 lbs.	15 1/2" x 7" x 15 1/2"	350 lbs.*	31" x 46" x 37"

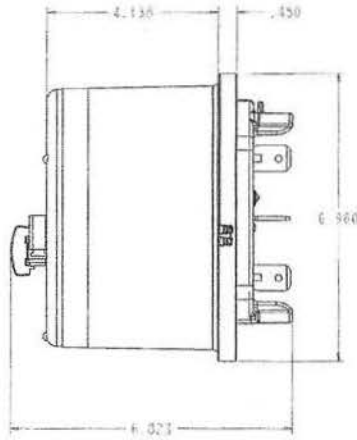
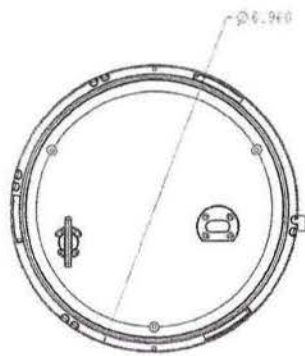
Standard pallet size of 96 meters

* Denotes alternate pallet size of 30 meters

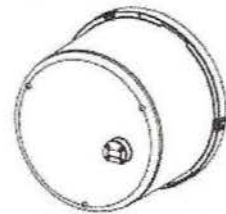
FOCUS AX-SD:

Form	Net	Single Pack	Single Pack	Four Pack	Four Pack	Pallet	Pallet
	Lbs.	Weight	Dimensions	Weight	Dimensions	Weight	Dimensions
1S	2.04	2.94 lbs.	8 3/4" x 8 3/4" x 9"	10.31 lbs.	15 1/2" x 7" x 15 1/2"	370 lbs.	31" x 46" x 37"
2S	2.04	2.94 lbs.	8 3/4" x 8 3/4" x 9"	10.31 lbs.	15 1/2" x 7" x 15 1/2"	370 lbs.	31" x 46" x 37"
12S	2.04	2.94 lbs.	8 3/4" x 8 3/4" x 9"	10.31 lbs.	15 1/2" x 7" x 15 1/2"	370 lbs.	31" x 46" x 37"
25S	2.04	2.94 lbs.	8 3/4" x 8 3/4" x 9"	10.31 lbs.	15 1/2" x 7" x 15 1/2"	370 lbs.	31" x 46" x 37"

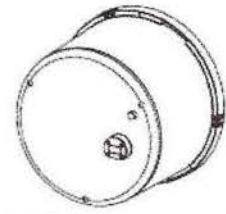
FOCUS AX S-Base



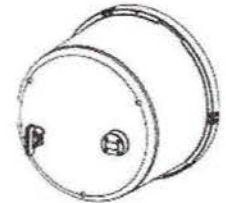
Cover Options



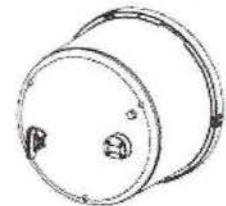
Optical Port Only



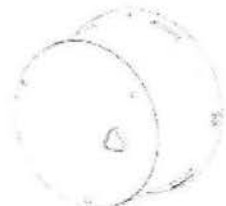
Optical Port/Reconnect Only



Optical Port/Reset (No Options)



Optical Port/Reset/Reconnect Switch

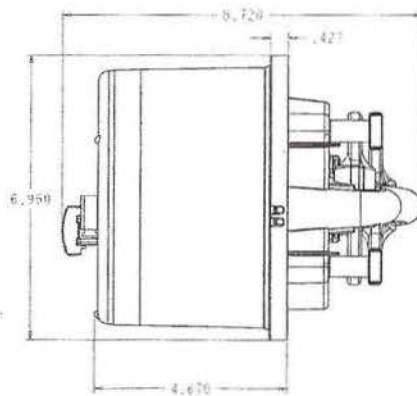
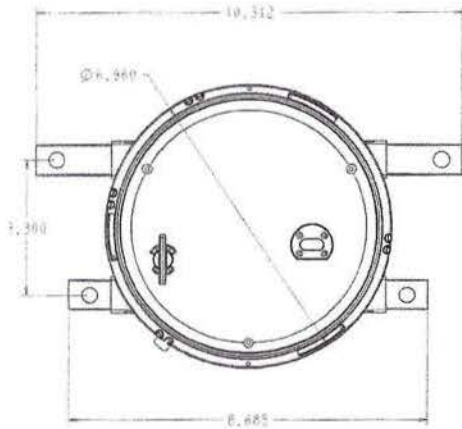


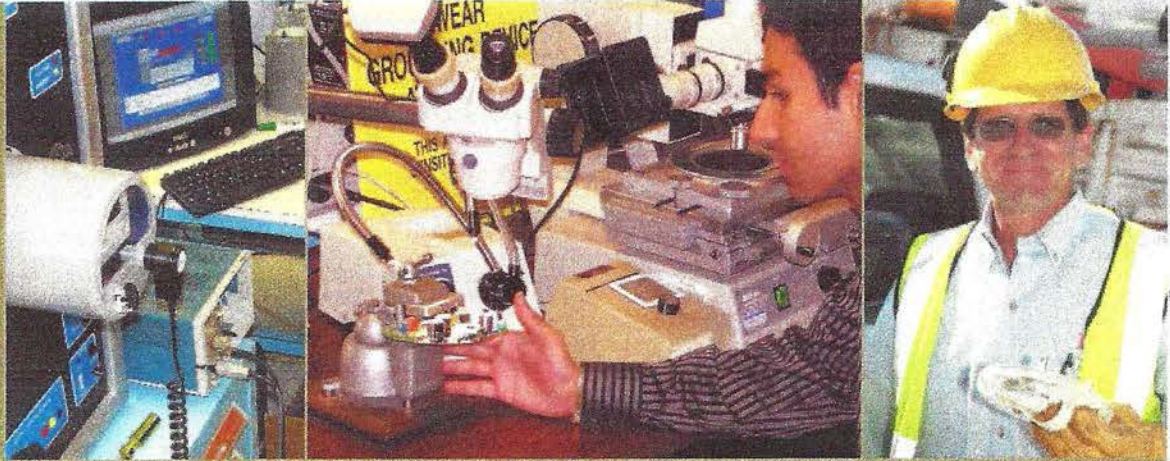
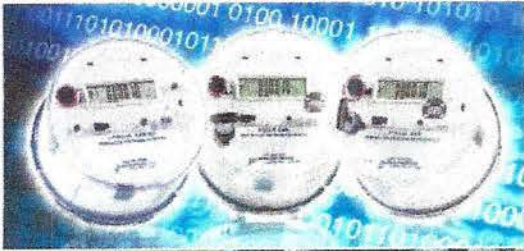
Configuration Port Only



Configuration Port/Reconnect Only

FOCUS AX K-Base





With 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 and light commercial metering needs.



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



Henderson, Kentucky

FOR ALL TERRITORY SERVED
Community, Town or City
PSC NO. 2
Original SHEET NO. 22
CANCELLING PSC NO.
SHEET NO.

CLASSIFICATION OF SERVICE
PREPAY SERVICE RIDER

AVAILABILITY:

Rate schedules Residential, All Non-Residential (Single Phase), Private Outdoor Lighting, and Street Lighting Schedules excluding accounts on Budget Billing, Automatic Bank Draft, Net Metering, Medical Priority and Yard or Street light only within the territory served by Kenergy Corp.

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 rates, rules and regulations which apply to members using the Residential , All Non-Residential (Single Phase), Private Outdoor Lighting and Street Lighting Schedules, without the Prepay rider.
2) All charges for kilowatt-hour (energy usage) times the rates in the applicable rate schedule will be applied on a daily basis. Flat monthly Customer Charges, Lighting, Operation Roundup© and any Contract Minimums will be prorated and applied on a daily basis by dividing those charges by 30.4, including all applicable taxes and fees.
3) The Fuel Adjustment, Environmental Surcharge, Member Rate Stability Mechanism, and Non-FAC Purchased Power Adjustment riders will be charged or credited to the account daily using the rates in effect at the time of the daily update.
4) Members shall have either Phone, Internet access or the ability to receive electronic communication, including texting services to participate in the voluntary Prepay service.

DATE OF ISSUE
Month / Date / Year
DATE EFFECTIVE
January 1, 2018
Month / Date / Year
ISSUED BY
(Signature of Officer)
TITLE
President & CEO
BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO. DATED



Henderson, Kentucky

FOR ALL TERRITORY SERVED
Community, Town or City
PSC NO. 2
Original SHEET NO. 22A
CANCELLING PSC NO.
SHEET NO.

CLASSIFICATION OF SERVICE
PREPAY SERVICE RIDER

- 5) Any member choosing to enroll in Prepay shall sign a Prepay Service Agreement ("Agreement"). The Agreement shall remain in effect until the member notifies Kenergy Corp., in writing, to cancel the Agreement.
6) Upon written cancellation of the Agreement, the member shall be subject to the conditions of the applicable Schedule, without the Prepay rider. In accordance with Kenergy Corp. 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.
7) The Prepay account will not be subject to deposits, late fees, disconnect fees, and reconnect fees.
8) At the time Prepay is activated for an account, the initial purchase is a minimum of \$100.00. If the account is a large single phase commercial member, a larger initial purchase will be required based on historical usage. Purchases beyond the point of activation will be at an increment of the member's choosing, with a minimum purchase being \$25.00. 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 and in person at one of Kenergy Corp. offices. Payment methods are listed on the Kenergy Corp. website, www.Kenergycorp.com.
9) 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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TITLE President & CEO
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Henderson, Kentucky

FOR ALL TERRITORY SERVED
Community, Town or City
PSC NO. 2
Original SHEET NO. 22B
CANCELLING PSC NO.
SHEET NO.

CLASSIFICATION OF SERVICE
PREPAY SERVICE RIDER

- 10) 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.
11) A prior member, who previously received service from Kenergy Corp. 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.
12) Once an account is enrolled in Prepay, the account will no longer be eligible for additional payment arrangements.
13) 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.
14) When a Prepay account reaches the established threshold, an automated message(s) will be processed and sent to the member and no written notice will be sent by mail.

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(Signature of Officer)
TITLE
President & CEO
BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO. DATED



Henderson, Kentucky

FOR ALL TERRITORY SERVED

Community, Town or City

PSC NO. 2

Original SHEET NO. 22C

CANCELLING PSC NO.

SHEET NO.

CLASSIFICATION OF SERVICE
PREPAY SERVICE RIDER

- 15) If a payment on a Prepay account is returned for any reason, the account is subject to the service fee as provided in Kenergy Corp. Rules and Regulations.
16) Members presenting a Winter 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.
17) 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 the Kenergy Corp. 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.
18) 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. Kenergy Corp. discourages participation in the Prepay program if the member cannot ensure proper funding. 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.
19) If a Prepay account is disconnected due to lack of funds or any other reason, Kenergy Corp. 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 Kenergy Corp. harmless from any damages arising from such a reconnection.

DATE OF ISSUE Month / Date / Year

DATE EFFECTIVE January 1, 2018
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ISSUED BY (Signature of Officer)

TITLE President & CEO

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION

IN CASE NO. DATED



Henderson, Kentucky

FOR ALL TERRITORY SERVED
Community, Town or City
PSC NO. 2
Original SHEET NO. 22D
CANCELLING PSC NO.
SHEET NO.

CLASSIFICATION OF SERVICE
PREPAY SERVICE RIDER

- 20) 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.
21) 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.
22) Members may check the status of a Prepay account by utilizing the Kenergy Corp. website or by calling the office at any time.
23) The member shall pay any fees as applicable per Kenergy Corp. bylaws and 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.

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IN CASE NO. DATED

KENERGY CORP. AGREEMENT FOR PREPAY SERVICE

Member Name _____ Home Phone _____
Account No. _____ Cell Phone _____
Service Address _____ Email Address _____

The undersigned (hereinafter called the "member") hereby applies for participation in the voluntary Prepay service offered to members of Kenergy Corp. and agrees to the following terms and conditions:

- 1) The member shall purchase electric energy from Kenergy Corp. in accordance with the present and any future Prepaid Service schedule of Kenergy Corp. 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 Kenergy Corp. Bylaws and Rules and Regulations as approved by the Kentucky Public Service Commission and as may be required for the member to participate in the Prepay 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 all charges for kilowatt-hour (energy usage) times the applicable rate schedule energy charge, flat monthly customer charges, Lighting, Operation Roundup®, taxes and fees that will be applied on a daily basis by dividing the flat monthly rate by 30.4. This amount will be in addition to The Fuel Adjustment, Environmental Surcharge, Member Rate Stability Mechanism, and Non-FAC Purchased Power Adjustment riders which will be charged or credited to the account daily using the rates in effect at the time of the daily update.
- 7) The Prepay account will not be subject to deposits, late fees, disconnect fees, and reconnect fees. During any interruption, outage and/or disconnections, all applicable charges will continue to accrue.

KENERGY CORP. AGREEMENT FOR PREPAY SERVICE

- 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 Kenergy Corp. 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, an automated message will be sent to the member rather than a traditional, written notice sent by U.S. Mail. Kenergy Corp. 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 Kenergy Corp. 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, medical priority and yard light only accounts 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 Kenergy Corp. 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, Kenergy Corp. 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 Kenergy Corp. harmless from any damages arising from such a reconnection.
- 14) By signing this agreement, the member affirms there are no residents in the home who currently have medical conditions that will be impacted by loss of service. Should this status change, the member shall contact Kenergy Corp. in writing, at which time the account will be removed from Prepay service. It is the responsibility of the member to confirm Kenergy Corp. is in receipt of the written request for removal from Prepay service.

KENERGY CORP. AGREEMENT FOR PREPAY SERVICE

- 15) A prepaid 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 not be disconnected 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.
- 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 Kenergy Corp. to transfer the unpaid balance 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 Kenergy Corp. 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, thirty (30%) 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 Kenergy Corp. to transfer the uncollectable account/bad debt balance 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.

KENERGY CORP. AGREEMENT FOR PREPAY SERVICE

23) Members may apply funds to a Prepay account by most payment methods available for post-pay service as provided on the Kenergy Corp. website at: www.KenergyCorp.com

24) The undersigned agrees that Kenergy Corp. staff 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: _____

MSR Signature: _____ Date: _____

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