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I. Vending system environment introduction

STS vending system URL like as below:

<http://127.0.0.1:8090/sdweb/login.jsp>

Port: 8090

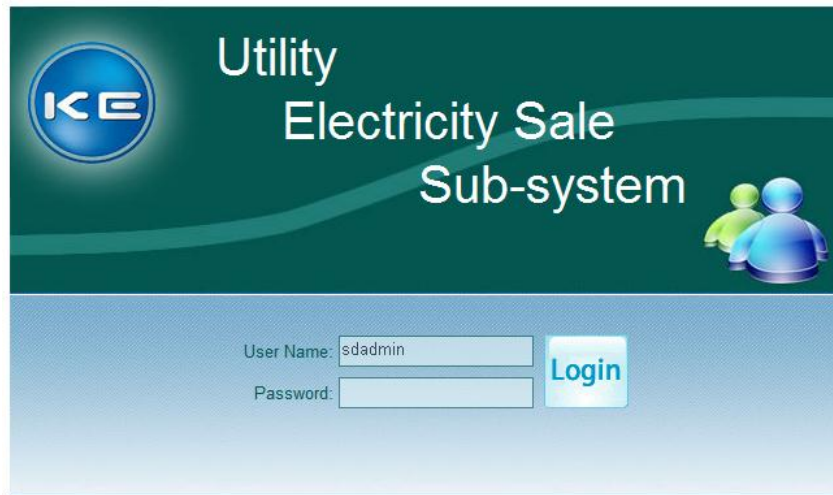
II. Vending system function

2.1 Vending system login

After opening the URL, the login interface is as shown below.

Default user name: sdadmin

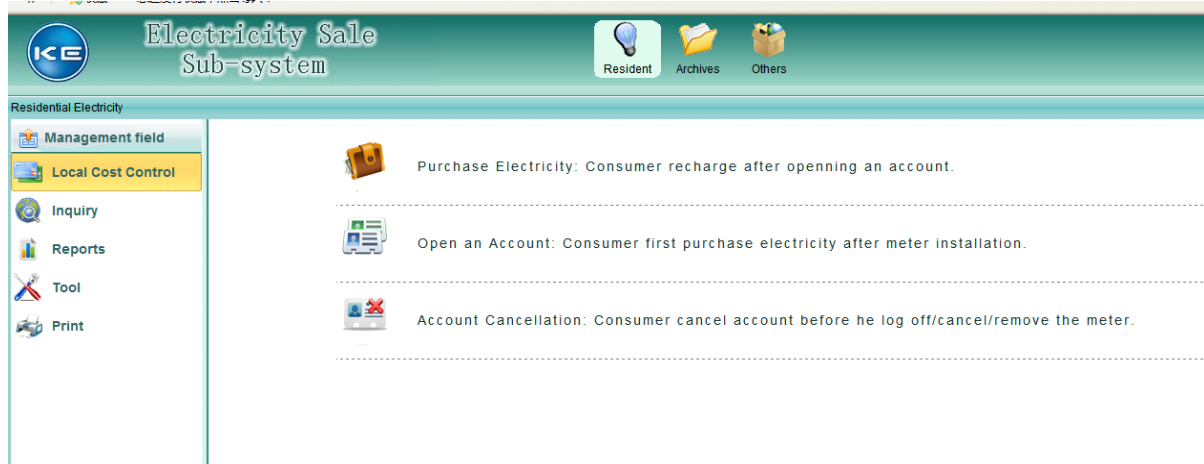
Default passport: 123456



Notice: The system needs IE7 version and 1024*768 resolution or above.
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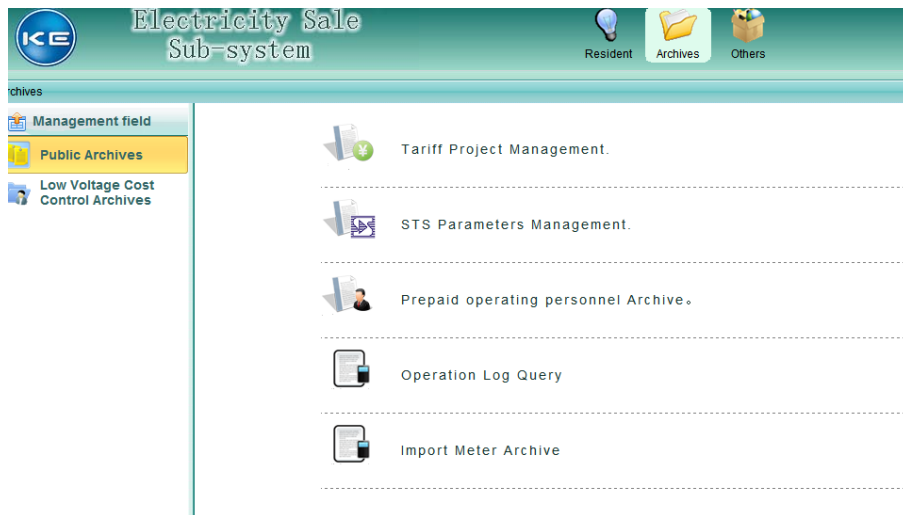


The interface after login is shown as below.



2.2 Public archive management

Click "Archives" to enter the archive management interface. There are two submenus in the menu on the left hand. Choose "Public Archives" to check the current public archive contents.



2.2.1 Tariff Project Management

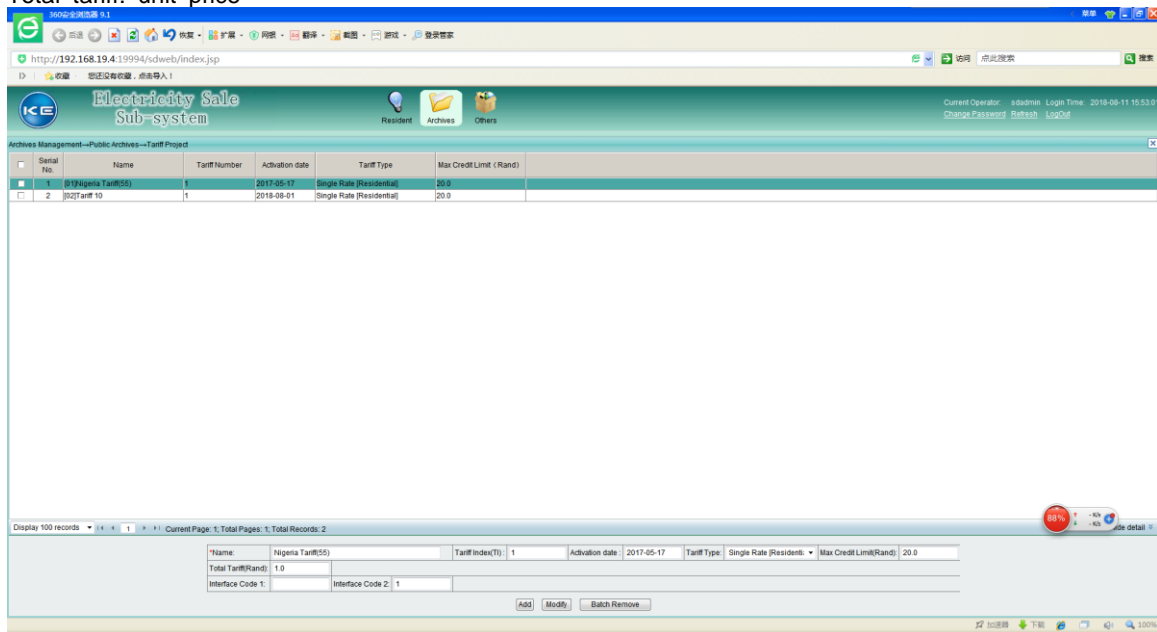
You can set up tariff archive according to local rate in Tariff Project Management page.

Default tariff index: 1

Default tariff type: Single rate

Default overdraft limit: same with the overdraft limitation set in the meters

Total tariff: unit price



2.2.2 STS Parameter Management

Archives Management--Public Archives--STS Parameters													
Serial No.	Utility Name	Supply Group Code(SGC)	Address	postalCode	linlMan	telNo	Key Type(KT)	Decoder Key Generation Algorithm(DKGA)	Vending Key1 (VK1)	Vending Key2 (VK2)	Vending Key3 (VK3)	Vending Key4 (VK4)	
<input type="checkbox"/> 1	117State Grid Corporation of China	123456	Beijing	050000	KE	0311-12345678	2	2	2f1498caf5566f3f				
<input type="checkbox"/> 2	118111111	123456	434343	5565dd	444dss	454545	2	3	aaaaa3a3a	bbbbbbbbb	cccccccc	ddddddddd	
<input type="checkbox"/> 3	1192222	432343	2222	2222	2222	2222	2	2	2222222	2222222	222222	2222	
<input type="checkbox"/> 4	120KE	55321	SHUIAZHUANG	050000	KE	0311-12345678	3	1	abababababab				
<input type="checkbox"/> 5	122Kang	22222	2222	2222	2222	2222	2	2	2222222	2222222	222222	2222	
<input checked="" type="checkbox"/> 6	123Nigeria Group	123456	Nigeria Group	050000	Wilson	0311-12345678	2	2	abababab				
<input type="checkbox"/> 7	124State Grid Corporation of China	123456	Beijing	050000	KE	0311-12345678	2	2	2f1498caf5566f3f				

Display 100 records 1 Current Page: 1, Total Pages: 1, Total Records: 7

Utility Name:	Nigeria Group	Supply Group Code(SGC):	123456	Address:	Nigeria Group
postalCode:	050000	linlMan:	Wilson	telNo:	0311-12345678
Key Type:	2 - Unique	Decoder Key Generation Algorithm:	DKGA02	Encrypt Type:	Hardware Encryption
Vending Key1:	abababab	Vending Key2:		Key Regno:	1
Vending Key3:		Vending Key4:			
KMF:	9520LK01MST872BD4975105DD1993D162990000000020180226144901201801250200001255600641KELIN				

STS parameter manages the SGC information such as SGC code, keyType and DKGA. Please set the EncryptType as Hardware Encryption and set the KMF serial number, too.

2.2.3 Prepaid operating personnel Archive

Establish the vending operator archive and configure relative management permission such as browse/set up archive/modify/generate report/payment, etc.

Archives Management--Public Archives--Prepaid personnel management													
Serial No.	Login Name	Description	Permission Range	Power Supply	Report Permission	Account Permission	The purchase of Electricity Permission	Modify Permissions	Control Permissions	Archive Permissions	User Management Permissions	Public Archive Permissions	
<input checked="" type="checkbox"/> 1	sadmin	sadmin	All Terminal	Nigeria Group	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 2	dbt	dbt	All Terminal of Power	Nigeria Group	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 3	zsp	zsp	All Terminal of Power	111111	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 4	z2	z2	All Terminal of Power	111111	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 5	Zk	Zk	All Terminal of Power	KE	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 6	wilson	wilson	All Terminal of Power	Nigeria Group	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 7	F3	F3 Renewables	All Terminal of Power	Nigeria Group	yes	yes	yes	yes	yes	yes	yes	yes	
<input type="checkbox"/> 8	123	123	All Terminal of Power	State Grid Corporates	yes	yes	yes	yes	yes	yes	yes	yes	

Display 100 records 1 Current Page: 1, Total Pages: 1, Total Records: 8

Login Name:	sadmin	Description:	sadmin	Password:	*****	Power Supply:	--select--
Application Type:	<input checked="" type="checkbox"/> Resident	Permission Range:	All Terminal	Fee Control Archive Permissions:	<input checked="" type="checkbox"/>	Modify Permissions:	<input checked="" type="checkbox"/>
User Management Permissions:	<input checked="" type="checkbox"/>	Report Permission:	<input checked="" type="checkbox"/>	Account Permission:	<input checked="" type="checkbox"/>	Public Archive Permissions:	<input checked="" type="checkbox"/>
Modify Permissions:	<input checked="" type="checkbox"/>	Control Permissions:	<input checked="" type="checkbox"/>			The purchase of Electricity Permission:	<input checked="" type="checkbox"/>

2.2.4 Operation Log Query

Operation log query.

2.2.5 Import Meter Archive

Batch import meter archives for bulk account opening.

2.3 Low Voltage Cost Control Archives

Establish STS residential area archive/terminal archive/resident archive and meter archive.

Management field

Public Archives

Low Voltage Cost Control Archives

Residential Area Archive Management.

Terminal Archive Management.

Resident Archive Management.

Residential Meter Cost Control Parameter Management.

We create two meter archive here, the testing meter serial No. is 0000000000 and 0100000000 relatively.

Archives Management -- Low Voltage Cost Archives -- Residential Meter Archive											
Name:	Inquiry	Batch Remove	Add	Terminal Name:	Nigeria RTU						Pre-p
<input type="checkbox"/>	Serial No.	Name	Terminal Name	Resident Name	Meter ID	Manufacturer	Factory Number	Meter Type	Billing Mode	Cost Control Mode	Overdraw Amount
<input type="checkbox"/>	3	11012481000002	Nigeria RTU	Michael Asienitehin	0124810000003	KELIN	1	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	4	11012481000004	Nigeria RTU	Boma Wakama	0124810000040	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	5	11012481000005	Nigeria RTU	Dr Paul (Mrs Ajok	0124810000057	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	6	11012481000006	Nigeria RTU	Tochukwu Nedolli	0124810000065	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	7	11012481000007	Nigeria RTU	Ochuko Ejimedia	0124810000073						
<input type="checkbox"/>	8	11012481000008	Nigeria RTU	Jaswif Effor	0124810000081						
<input type="checkbox"/>	9	11012481000009	Nigeria RTU	Kehinde Alo	0124810000099						
<input type="checkbox"/>	10	11012481000010	Nigeria RTU	Isaac Ezechukwu	0124810000107						
<input type="checkbox"/>	11	11012481000011	Nigeria RTU	Mohammed Allu	0124810000115						
<input type="checkbox"/>	12	11012481000012	Nigeria RTU	Ufomadu Collins	0124810000123						
<input type="checkbox"/>	13	11012481000013	Nigeria RTU	Fusion 3	0124810000131						
<input type="checkbox"/>	14	11012481000014	Nigeria RTU	Prof Femi Badojo	0124810000149						
<input type="checkbox"/>	15	11012481000015	Nigeria RTU	Uriah Chikweta	0124810000156						
<input type="checkbox"/>	16	11012481000016	Nigeria RTU	Charles Iheanach	0124810000164						
<input type="checkbox"/>	17	11012481000017	Nigeria RTU	Tunbosun Alo	0124810000172						
<input type="checkbox"/>	18	11012481000018	Nigeria RTU	Loretta Uzondio	0124810000180						
<input type="checkbox"/>	19	11012481000019	Nigeria RTU	Wilfred Whesu	0124810000198						
<input type="checkbox"/>	20	11012481000020	Nigeria RTU	Ikenna Ajator (Day	0124810000206						
<input type="checkbox"/>	21	11012481000021	Nigeria RTU	Adeyemi Rashee	0124810000214						
<input type="checkbox"/>	22	11012481000022	Nigeria RTU	Olumese Oziegbelo	0124810000222						
<input type="checkbox"/>	23	11012481000023	Nigeria RTU	Bosede Obeke	0124810000230						
<input type="checkbox"/>	24	11012481000024	Nigeria RTU	Ibembgo Kingsley	0124810000248	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	25	11012481000025	Nigeria RTU	Oladiipo Awojodu	0124810000255	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	26	11012481000026	Nigeria RTU	Deji Fasehun	0124810000263	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	27	11012481000027	Nigeria RTU	Austin Oluymeni	0124810000271	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	28	11012481000028	Nigeria RTU	Sunday Ukahi	0124810000289	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	29	11012481000029	Nigeria RTU	Silva	0124810000297	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	30	11012481000030	Nigeria RTU	Mr Arimah	0124810000305	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	31	11012481000031	Nigeria RTU	Joy Chiori	0124810000313	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	32	11012481000032	Nigeria RTU	Philip Oluwadami	0124810000321	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	33	11012481000033	Nigeria RTU	Hakeem Okusaga	0124810000339	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	34	11012481000034	Nigeria RTU	Prince Adegbenjo	0124810000347	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	35	11012481000035	Nigeria RTU	Chuka Anuwah	0124810000354	KELIN	2	General Self-management 2009	Non	Terminal Cost Control	20
<input type="checkbox"/>	36	010000000000	Nigeria RTU	Wilfred Whesu	0000000000	KELIN	2	General Self-management 2009	Non</		

Meter & Cost Control Archive -- 网页对话框

Basic Archive

*Record ID:	36	*Meter Name:	00000000004	Terminal Name:	Nigeria RTU
*Resident Name:	Wilfred Whesu	*Meter ID:	00000000004	Manufacturer:	KELIN
Factory Number:	2	Communication Password:		Asset Code:	

Cost Control Archive

Meter Type:	General Self-manage	Billing Mode:	Non	Cost Control Mode:	Terminal Cost Control
Overdraw Amount:	20Rand	*Key Revision Number(KRN):	1	Tariff Project:	Nigeria Tariff(55)
Payment Mode:	Token	Friendly Mode:	No		

Add Modify Close

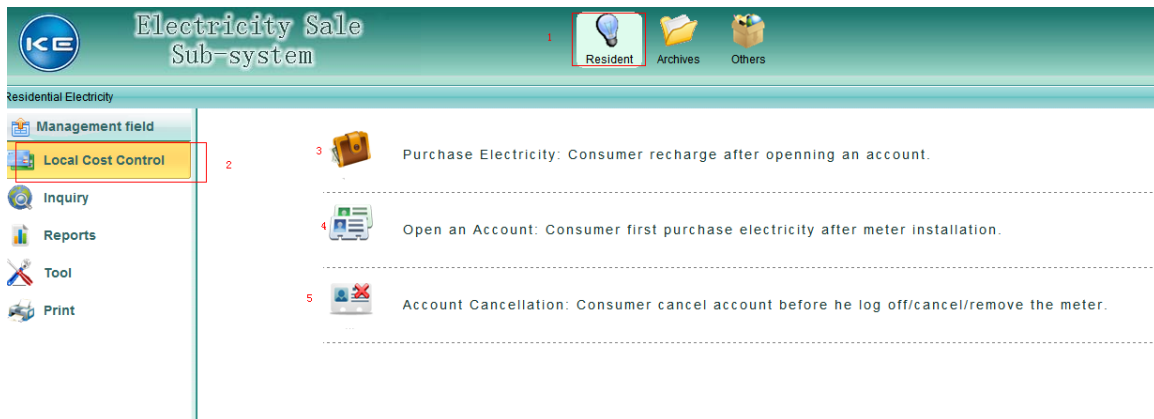
来自网页的消息

Luhn digit error in the DRN number

确定

3.1 Residential vending business

To implement normal vending business such as payment, opening an account and close an account.



3.2 Vending

Click “Purchase Electricity” to enter the vending page.

Click “Retrieval” and set up the query conditions such as Utility, MeterId, ConsumerName and ConsumerID. Click “Inquiry” and select “All Records” on bottom left. Choose the tested meter and double click on the row or select and click “Confirm”.

Serial No.	Terminal	Meter	Consumer	Consumer ID	Meter ID	Mobile Phone	Utility	Asset No.
28	Nigeria RTU	11012481000027	Austin Oluyemi	110124810000	0124810000271		Nigeria Group	
29	Nigeria RTU	11012481000028	Sunday Ukahi	110124810000	0124810000289		Nigeria Group	
30	Nigeria RTU	11012481000029	Silva	110124810000	0124810000297		Nigeria Group	
31	Nigeria RTU	11012481000030	Mr Arimah	110124810000	0124810000305		Nigeria Group	
32	Nigeria RTU	11012481000031	Joy Chiori	110124810000	0124810000313		Nigeria Group	
33	Nigeria RTU	11012481000032	Philip Oluwadamilz	110124810000	0124810000321		Nigeria Group	
34	Nigeria RTU	11012481000033	Hakeem Okusaga	110124810000	0124810000339		Nigeria Group	
35	Nigeria RTU	11012481000034	Prince Adegbenzi	110124810000	0124810000347		Nigeria Group	
36	Nigeria RTU	11012481000035	Chuka Agunwah	110124810000	0124810000354		Nigeria Group	
37	Nigeria RTU	0000000000	Wilfred Whesu	110124810000	0000000000		Nigeria Group	
38	Nigeria RTU	010000000000	Wilfred Whesu	110124810000	010000000000		Nigeria Group	

Enter the payment page as shown below.

Residential Electricity—Local Cost Control—Purchase Electricity

Base Information Retrieval

Consumer ID: 110124810000198 Consumer Name: Willred Whesu Consumer State: Normal State
 Telephone: Address:
 Meter ID: 0000000000 Prepayment Type: General Self-management 2009 Utility ID: 222
 Manufacturers: KELIN

Cost Control Information

Billing Mode: Non Cost Control Mode: Terminal Cost Control Payment Mode: Token
 Tariff Project: Nigeria Tariff(55) Tariff Description: 1.0
 Overdraw Amount: 20

Purchasing Record

Operation Date	Operation Type	Payment Amount(Rand)	Total Amount(Rand)	Times of Purchasing	Total Credit(kWh)	Operator
2018-08-11 15:38:15	Purchase Electricity	100.00	100.00	62	100.00	sdadmm
2018-08-11 15:36:42	Purchase Electricity	50.00	50.00	61	50.00	sdadmm
2018-08-02 10:26:21	Purchase Electricity	1.00	1.00	60	1.00	sdadmm
2018-08-02 10:25:06	Purchase Electricity	1.00	1.00	59	1.00	sdadmm
2018-08-02 10:24:10	Purchase Electricity	1.00	1.00	58	1.00	sdadmm
2018-08-02 10:21:20	Purchase Electricity	1.00	1.00	57	1.00	sdadmm
2018-08-02 10:20:22	Purchase Electricity	1.00	1.00	56	1.00	sdadmm
2018-08-02 10:13:40	Purchase Electricity	1.00	1.00	55	1.00	sdadmm
2018-08-02 10:12:22	Purchase Electricity	1.00	1.00	54	1.00	sdadmm
2018-08-02 10:11:09	Purchase Electricity	1.00	1.00	53	1.00	sdadmm

Billing Information

Times of Purchasing: 62

Recharge Information

Payment amount: Transfer Credit(kWh):

Payment Print

Enter payment amount 100 and calculate the corresponding kWh and generate a payment token as follows:

Operation Date	Operation Type	Payment Amount(Rand)	Total Amount(Rand)	Times of Purchasing	Total Credit(kWh)	Operator
2018-08-13 10:48:48	Purchase Electricity	100.00	100.00	63	100.00	sdadmm
2018-08-11 15:38:15	Purchase Electricity	100.00	100.00	62	100.00	sdadmm
2018-08-11 15:36:42	Purchase Electricity	50.00	50.00	61	50.00	sdadmm
2018-08-02 10:26:21	Purchase Electricity	1.00	1.00	60	1.00	sdadmm
2018-08-02 10:25:06	Purchase Electricity	1.00	1.00	59	1.00	sdadmm
2018-08-02 10:24:10	Purchase Electricity	1.00	1.00	58	1.00	sdadmm
2018-08-02 10:21:20	Purchase Electricity	1.00	1.00	57	1.00	sdadmm
2018-08-02 10:20:22	Purchase Electricity	1.00	1.00	56	1.00	sdadmm
2018-08-02 10:13:40	Purchase Electricity	1.00	1.00	55	1.00	sdadmm
2018-08-02 10:12:22	Purchase Electricity	1.00	1.00	54	1.00	sdadmm

Billing Information

Times of Purchasing: 62

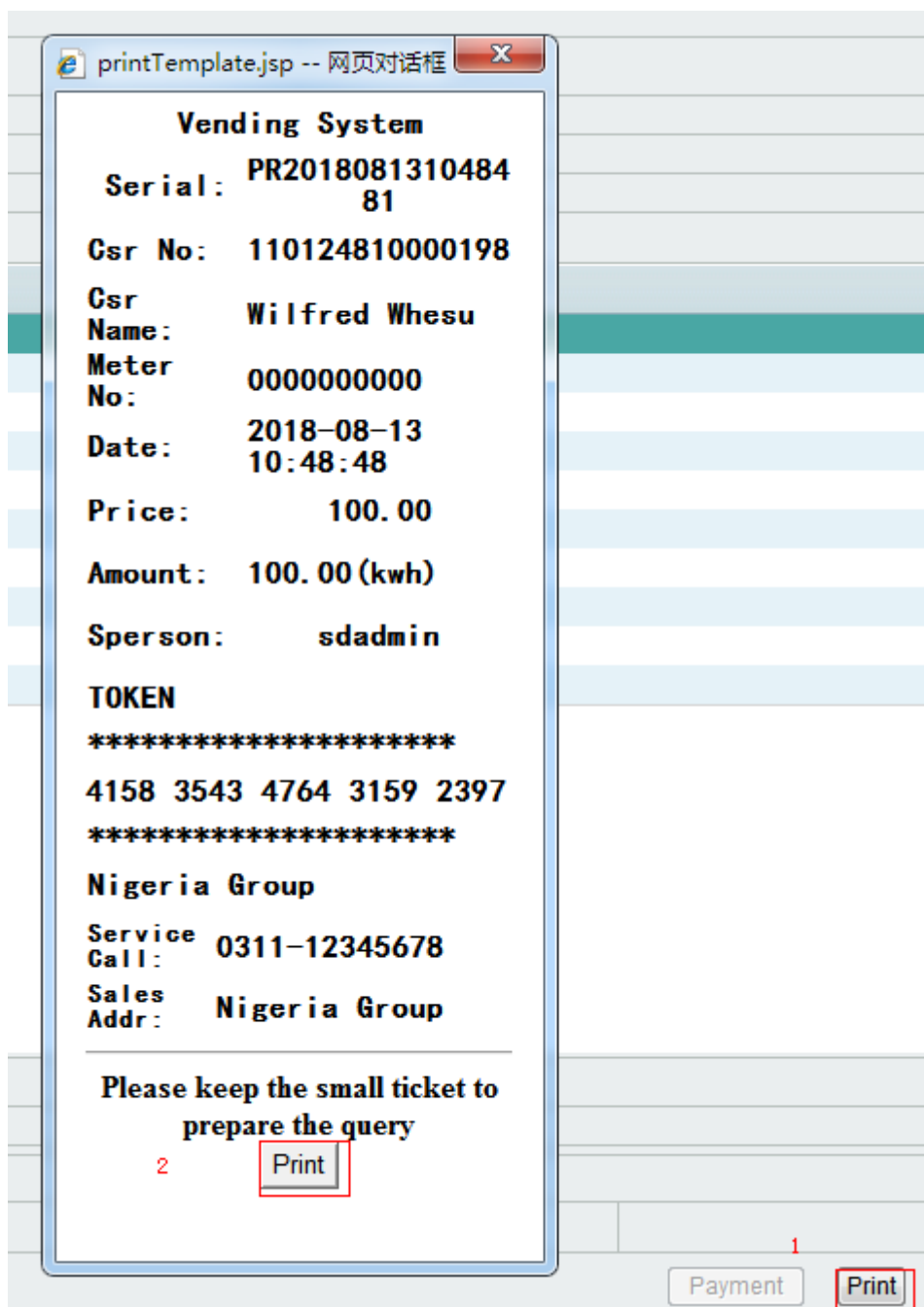
Recharge Information

Payment Token :4158 3543 4764 3159 2397

Payment amount: 100 Transfer Credit(kWh): 100

Payment Print

Click “Print” and you will be prompted with a window to preview the receipt. You should set the browser as IE compatible mode and print the receipt through pos58 type printer.



3.3 Opening an account

Choose "Open an account" to enter the page and choose meter 010000000000

Residential Electricity—Local Cost Control—Open an Account

Base Information

Consumer ID:

Telephone:

Meter ID:

Manufacturers:

Cost control Information

Billing Mode:

Tariff Project:

Overdraw Amount:

Recharge Information

Payment amount:

Retrieval

Consumer Name:

Address:

Prepayment Type:

Selecting Consumer

Filter Conditions

Utility: All

Meter ID:

Terminal:

Consumer Name:

Consumer ID:

Mobile Phone:

Consumer List

Serial No.	Terminal	Meter	Consumer	Consumer ID	Meter ID	Mobile Phone	Utility	Asset No.
1	Nigeria RTU	010000000000	Wilfred Whesu	1101248100	010000000000		Nigeria Group	

Display 20 records

Current Page: 1; Total Pages: 1; Total Records: 1

Residential Electricity—Local Cost Control—Open an Account

Base Information

Consumer ID: 110124810000198

Telephone:

Meter ID: 010000000000

Manufacturers: KEN

Cost control Information

Billing Mode: Non

Tariff Project: Nigeria Tariff(55)

Overdraw Amount: 20

Recharge Information

Payment amount: 120

Consumer Name: Wilfred Whesu

Address:

Prepayment Type: General Self-management 2009

Utility ID: 222

Cost Control Mode: Terminal Cost Control

Tariff Description: 1.0

KEN: 255

Payment Mode: Token

Transfer Credit: 100

Open an account

3.4 Closing an account

Choose the meter that need to be cancelled and register the current balance, click “Account Cancellation” to close the account and empty the meter credit.

Base Information

Consumer ID:

Telephone:

Meter ID:

Manufacturers:

Cost Control Information

Billing Mode:

Tariff Project:

Overdraw Amount:

Purchasing Record

Operation Date

Operation

Selecting Consumer

Filter Conditions

Utility: All

Meter ID:

Terminal:

Consumer Name:

Consumer ID:

Mobile Phone:

Consumer List

Serial No.	Terminal	Meter	Consumer	Consumer ID	Meter ID	Mobile Phone	Utility	Asset No.
28	Nigeria RTU	11012481000027	Austin Oluyemi	110124810000	0124810000271		Nigeria Group	
29	Nigeria RTU	11012481000028	Sunday Ukahi	110124810000	0124810000289		Nigeria Group	
30	Nigeria RTU	11012481000029	Silva	110124810000	0124810000297		Nigeria Group	
31	Nigeria RTU	11012481000030	Mr Arimah	110124810000	0124810000305		Nigeria Group	
32	Nigeria RTU	11012481000031	Joy Chiori	110124810000	0124810000313		Nigeria Group	
33	Nigeria RTU	11012481000032	Philip Oluwadamil	110124810000	0124810000321		Nigeria Group	
34	Nigeria RTU	11012481000033	Hakeem Okusaga	110124810000	0124810000339		Nigeria Group	
35	Nigeria RTU	11012481000034	Prince Adegben	110124810000	0124810000347		Nigeria Group	
36	Nigeria RTU	11012481000035	Chuka Agunwah	110124810000	0124810000354		Nigeria Group	
37	Nigeria RTU	000000000000	Wilfred Whesu	110124810000	000000000000		Nigeria Group	
38	Nigeria RTU	010000000000	Wilfred Whesu	1101248100	010000000000		Nigeria Group	

All records

Current Page: 1; Total Pages: 1; Total Records: 38

Meter ID: 010000000000		Prepayment Type: General Self-management 2		
Manufacturers: KELIN				
Cost Control Information				
Billing Mode: Non		Cost Control Mode: Terminal Cost Control		
Tariff Project: Nigeria Tariff(55)		Tariff Description: 1.0		
Overdraw Amount: 20				
Purchasing Record				
Operation Date	Operation Type	Payment Amount(Rand)	Total Amount(Rand)	Times of Purchasing
2018-07-26 14:21:35	Purchase Electricity	7.00	7.00	4
2018-07-26 14:19:47	Purchase Electricity	7.00	7.00	3
2018-07-24 18:27:14	Purchase Electricity	5.00	5.00	2
2018-07-24 18:24:30	Open an account	1200.00	1200.00	1

Recharge Info	Cancellation Token :4847 5795 2465 6731 2927
Current Balance:	7

IV、Inquiry

Query operator vending records, customer and tariff parameter information.

Management field

Local Cost Control

Inquiry


Reports

Tool

Print

 Query all operation record information

 Query customer information

 Query of Parameter and status information of prepayment

ID	Terminal	Serial No	Customer No	Customer Name	Customer Addr	Meter Addr	OpertType	OpertDate	Operator	ChargeType	Payment amount(Rand)	Total amount (Rand)	Transfer Credit (kWh)	Purchase Count
1	Nigeria RTU	PR20180802091421	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 09:34:21	sdadmn	Taken	1.00	1.00	1.00	43
2	Nigeria RTU	PR20180802094709	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 09:47:09	sdadmn	Taken	1.00	1.00	1.00	45
3	Nigeria RTU	PR20180802094730	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 09:47:30	sdadmn	Taken	1.00	1.00	1.00	46
4	Nigeria RTU	PR20180802095755	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 09:57:55	sdadmn	Taken	1.00	1.00	1.00	48
5	Nigeria RTU	PR20180802095768	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 09:58:08	sdadmn	Taken	1.00	1.00	1.00	47
6	Nigeria RTU	PR20180802095926	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 09:59:12	sdadmn	Taken	1.00	1.00	1.00	49
7	Nigeria RTU	PR201808021006147	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:06:14	sdadmn	Taken	1.00	1.00	1.00	50
8	Nigeria RTU	PR20180802100828	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:08:28	sdadmn	Taken	1.00	1.00	1.00	51
9	Nigeria RTU	PR201808021009192	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:09:19	sdadmn	Taken	1.00	1.00	1.00	52
10	Nigeria RTU	PR201808021011093	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:11:09	sdadmn	Taken	1.00	1.00	1.00	53
11	Nigeria RTU	PR201808021012224	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:12:22	sdadmn	Taken	1.00	1.00	1.00	54
12	Nigeria RTU	PR201808021012405	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:13:40	sdadmn	Taken	1.00	1.00	1.00	55
13	Nigeria RTU	PR201808021013028	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:13:02	sdadmn	Taken	1.00	1.00	1.00	56
14	Nigeria RTU	PR201808021021207	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:21:20	sdadmn	Taken	1.00	1.00	1.00	57
15	Nigeria RTU	PR201808021024101	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:24:10	sdadmn	Taken	1.00	1.00	1.00	58
16	Nigeria RTU	PR201808021025062	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:25:06	sdadmn	Taken	1.00	1.00	1.00	59
17	Nigeria RTU	PR201808021026211	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-02 10:26:21	sdadmn	Taken	1.00	1.00	1.00	60
18	Nigeria RTU	PR201808111526421	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-11 15:26:42	sdadmn	Taken	50.00	50.00	50.00	61
19	Nigeria RTU	PR201808111530152	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-11 15:30:15	sdadmn	Taken	100.00	100.00	100.00	62
20	Nigeria RTU	PR201808131048481	110124810000	Wilfred Vheasu		0000000000	Purchase Electr	2018-08-13 10:48:48	sdadmn	Taken	100.00	100.00	100.00	63

Display 20 records Current Page: 1, Total Pages: 2, Total Records: 23

Conditions Start Date: 2018-08-01 End Date: 2018-08-14 Customer No: Customer Name: Operator: POS: All Concentrator: All Operate Type: All Query Export

V. Reports

	Management field
	Local Cost Control
	Inquiry
	Reports
	Tool
	Print



Report of Purchase electricity details



Report of time accumulated purchase information



Report of Purchase summary



Report of salesperson sales information



Report of sales information of area

ID	Customer ID	Customer Name	Meter Addr	Electric fees(Rand)		The average price	Purchasing power (kWh)	Date	Operator
				Payment amount	Total amount				
1	110124810000016	Olusunkunmi Sulaiman	0124810000016	100.000	100.000	1.000	1.800	2018-07-24 09:17:55	sdadmn
2	110124810000024	Bay Awonbi	0124810000024	100.000	100.000	1.000	1.800	2018-07-24 09:20:48	sdadmn
3	110124810000016	Olusunkunmi Sulaiman	0124810000016	100.000	100.000	1.000	1.800	2018-07-24 16:57:55	sdadmn
4	1101248100000198	Wilfred Vheasu	0100000000000	1200.000	1200.000	1.000	1.800	2018-07-24 18:24:30	sdadmn
5	1101248100000198	Wilfred Vheasu	0100000000000	5.000	5.000	1.000	0.100	2018-07-24 18:27:14	sdadmn
6	1101248100000198	Wilfred Vheasu	0100000000000	7.000	7.000	1.000	0.100	2018-07-26 14:19:47	sdadmn
7	1101248100000198	Wilfred Vheasu	0100000000000	7.000	7.000	1.000	0.100	2018-07-26 14:21:35	sdadmn
8	1101248100000198	Wilfred Vheasu	000000000000	0.100	0.100	1.000	0.100	2018-07-31 16:32:32	sdadmn
9	1101248100000198	Wilfred Vheasu	000000000000	0.100	0.100	1.000	0.100	2018-07-31 16:33:15	sdadmn
10	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 09:34:21	sdadmn
11	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 09:47:09	sdadmn
12	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 09:47:30	sdadmn
13	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 09:57:35	sdadmn
14	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 09:58:08	sdadmn
15	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 09:59:12	sdadmn
16	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:06:14	sdadmn
17	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:08:28	sdadmn
18	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:09:19	sdadmn
19	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:11:09	sdadmn
20	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:12:22	sdadmn
21	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:13:40	sdadmn
22	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:20:22	sdadmn
23	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:21:20	sdadmn
24	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:24:10	sdadmn
25	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:25:06	sdadmn
26	1101248100000198	Wilfred Vheasu	000000000000	1.000	1.000	1.000	1.000	2018-08-02 10:26:21	sdadmn
27	1101248100000198	Wilfred Vheasu	000000000000	50.000	50.000	1.000	50.000	2018-08-11 15:26:42	sdadmn
28	1101248100000198	Wilfred Vheasu	000000000000	100.000	100.000	1.000	100.000	2018-08-11 15:30:15	sdadmn
Total:				1686.200	1686.200		174.700		

Conditions Start Date: 2018-01-01 End Date: 2018-08-12 POS: Nigeria Group Concentrator: All Operator: Query Exp

Electricity Sale Sub-system

Current Operator: sdadmin Login Time: 2018-07-26 11:10
Change Password Refresh LogOut

Residential Electricity--Tool--STS Tool

Base Information Retrieval

Consumer ID: 110124810000198	Consumer Name: Wilfred Whesu	Consumer State: Normal State
Telephone:	Address:	
Meter ID: 0000000000	Prepayment Mode: General Self-management 2009	Utility ID: 222
Manufacturers: KELIN		

☒ Class2 **Token1 :2951 1990 9958 2664 0868**

Token Type: ClearCredit	Register: 65535	RND: 0
TID:	Sub Class: 1	Class: 2

☐ Class1

Select Test: Test 0	Control(Hex):	Sub Class:
Class: 1	Mfr Code:	

☐ Meter Keys

Key Type: 2	Tl: 1	SGC: 123456
KRN: 1	DKGA: 02	DRN: 0000000000
IIN: 600727	VK1: ababababababab	

7.3 ClearTamperCondition

Fill the blank with "0" or nothing for the item "Pad"

Utility Electricity Sale Sub-system

Electricity Sale Sub-system

Current Operator: sdadmin Login Time: 2018-07-26 11:10
Change Password Refresh LogOut

Residential Electricity--Tool--STS Tool

Base Information Retrieval

Consumer ID: 110124810000198	Consumer Name: Wilfred Whesu	Consumer State: Normal State
Telephone:	Address:	
Meter ID: 0000000000	Prepayment Mode: General Self-management 2009	Utility ID: 222
Manufacturers: KELIN		

☒ Class2 **Token1 :3703 7300 0144 6485 5694**

Token Type: ClearTamperCondition	Pad:	RND: 0
TID:	Sub Class: 5	Class: 2

☐ Class1

Select Test: Test 0	Control(Hex):	Sub Class:
Class: 1	Mfr Code:	

☐ Meter Keys

Key Type: 2	Tl: 1	SGC: 123456
KRN: 1	DKGA: 02	DRN: 0000000000
IIN: 600727	VK1: ababababababab	