

**WYOMING PUBLIC SERVICE COMMISSION
REQUIRED COVER SHEET FOR ALL FILINGS AND APPLICATIONS**

Full Company Name Powder River Energy Corporation

Company ID 10014 Date August 9, 2022

Street Address 221 Main Street Sundance WY 82729-0930

Mailing Address PO Box 930 Sundance WY 82729-0930

Contact Person Stephanie J. Pribilske Executive Staff Assistant
Name Title

Type of filing (check all that apply)

☒ Rules & Regulations

Tariffs included ☐ Yes ☐ No

Service List included ☐ Yes ☐ No

Total Amount Requested _____ ☐ Increase ☐ Decrease ☐ Implement New Rate

Amount Requested Per _____ (unit)

Type of Filing and Fees (check all fees that apply)

☐ Interconnection Agreement **\$5.00**

☐ Securities Filing **\$15.00**

☐ Tariff Revisions **\$5.00**

☐ Reorganization **\$100.00**

☐ Transfer of Customer Base Service **\$5.00**

☐ Mergers **\$100.00**

☐ Name Change **\$5.00**

☐ Transfer of Control **\$100.00**

☐ IXC Registration (Reseller) **\$5.00**

☐ Application **\$5.00**

☐ Application Certificate of Public Convenience & Necessity **\$15.00**

☐ Compliance Filings **No Charge**

☐ ILEC and CLEC- New Filings **\$15.00**

TOTAL AMOUNT ENCLOSED \$ _____

Compliance Filings

Compliance Filing? ☒ Yes ☐ No

Docket No. 10014-225-CT-22

Revision/Amended Filing? ☐ Yes ☐ No

Docket No. _____



221 MAIN STREET
P.O. BOX 930
SUNDANCE, WY 82729-0930
FAX: (307) 283-3527

200 GARNER LAKE ROAD
GILLETTE, WY 82718-0937
FAX: (307) 682-0733

1095 BRUNDAGE LANE
SHERIDAN, WY 82801-1387
FAX: (307) 674-9018

1-800-442-3630

August 9, 2022

Mr. John Burbridge
Wyoming Public Service Commission
Hansen Building, Suite 300
2515 Warren Avenue
Cheyenne, WY 82002

Re: Supplemental Filing – LED Street Light Tariff
Docket No. 10014-225-CT-22 / Record No. 17110

Dear Mr. Burbridge,

In follow up to discussions with Wyoming Public Service Commission Staff assigned to the above referenced Docket, following is a supplemental filing addressing Staff questions and points of discussion.

Thank you for your consideration.

Sincerely,

Brian J. Mills
Chief Executive Officer

BJM/sjp

Enclosures

Rate Schedule: Street Lighting (SL)

APPLICABILITY

Applicable to unmetered, ~~photoelectric controlled~~ outdoor lighting used to provide street lighting which is installed on Corporation owned poles where the required secondary voltage exists or can be obtained under provisions of this schedule.

AVAILABILITY

Available ~~in the incorporated towns and villages~~ within the certificated territory of Powder River Energy Corporation, where ~~the contracting an member or member representative elected or appointed official~~ has the authority to execute contracts and pay bills. ~~Also available to platted and approved subdivisions where a legal entity exists to execute contracts and pay bills.~~

RATE

Lamp Size

100 W High Pressure Sodium	\$9.55 per month CLOSED
150 W High Pressure Sodium	\$9.55 per month CLOSED
175 W Mercury Vapor	\$9.55 per month CLOSED
400 W Mercury Vapor	\$16.55 per month CLOSED
400 W High Pressure Sodium	\$16.55 per month <u>CLOSED</u>
<= 60 W Light-Emitting Diode	\$9.50 per month
<= 60 W Light-Emitting Diode with 15A 120V outlet	\$10.00 per month

Plus, the COPA Factor shown on Sheet No. 2. The COPA mechanism is described in detail beginning on Sheet No. 34.

CONDITIONS OF SERVICE

1. A contract will be executed for a minimum of one (1) year for all lighting provided under this schedule.
2. All facilities, not already existing, required to provide lighting service requested shall be paid for by the ~~member towns, villages or subdivisions~~. The total cost to install shall include both labor and materials.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: August 9, 2022
12, 2021
2022

Effective: June 1, 2021
September 12,
Dkt. No. 10014-217225-CT-122

Rate Schedule: Street Lighting (SL)

3. The Corporation will install, own, ~~and~~ operate and maintain the street lighting system. ~~Performance contemplated hereunder includes the replacement of lamps, photo electric eyes and ballasts.~~ Performance by the Corporation shall not include maintenance for damages caused by malicious mischief; such damages shall be the responsibility of the member.
- 3.
4. Upon receipt of Official Notice from the customer notifying the Corporation of failure of a light to operate as provided, the Corporation shall have five (5) regular business working days in which to make necessary repairs or replacements during working hours. No reduction in the monthly charges will be allowed on inoperative units until the unit has been inoperative for more than five (5) regular business working days after the Corporation has received Official Notice of the inoperative condition. After this time, a discount equal to the daily average of the monthly street light rate will be deducted of \$0.30 per day may be deducted from the monthly charge until the unit is repaired or replaced.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: August 9, 2022~~12, 2021~~
2022

Effective: June 1, 2021~~September 12,~~
Dkt. No. 10014-217225-CT-422

Rate Schedule: Street Lighting (SL)

CONDITIONS OF SERVICE (continued)

~~4.~~

~~5.~~ Mercury vapor ~~and high--pressure sodium~~ lights will not be available for new installations ~~or replacements of existing streetlights.~~

~~CONDITIONS OF SERVICE (cont'd)~~

~~5.~~

~~6.~~ ~~5.~~ The ~~Light-Emitting Diode~~~~High Pressure Sodium~~ light shall be considered the standard fixture provided by the Corporation under this tariff.

~~7.~~ Standard 15A 120V outlets can be optionally installed by the ~~Company~~Company for ~~intended~~ seasonal lighting use only. This option is only available where height is inconvenient to the public and all unauthorized personnel clearances can be maintained. The optional outlets are not allowed on poles with primary overhead distribution service, will comply with the ~~Company~~Corporation's installation standard, will be equipped with GFCI protection, are for ~~limited seasonal lighting use only~~, and will be subject to other terms and conditions as outlined in the members street light service contract with the ~~company~~Corporation.

~~6.~~ Upon receipt of Official Notice from the customer of failure of a light to operate as provided, the Corporation shall have a reasonable time in which to make necessary repairs or replacements during working hours.

~~87.~~ Exceptions to these conditions for service to facilitate preexisting variations will be handled by a mutually agreeable contract.

OFFICIAL NOTICE

~~The headquarters office shall be notified by mail, email, or telephone during regular business hours only.~~ Members may notify the Corporation by telephone (during regular business hours), by mail or email.

BILLING ADJUSTMENT

This rate is subject to all billing adjustment charges, and such adjustment charges shall be billed in addition to the minimum charges.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: August 9, 2022~~12, 2021~~
2022

Effective: ~~June 1, 2021~~September 12,
Dkt. No. 10014-217225-CT-422

Powder River Energy Corporation
P.O. Box 930
Sundance, WY 82729

Wyoming PSC No. 10

~~2nd~~^{1st} Revised Sheet No. 21
Cancels ~~1st~~ Revised ~~Original~~ Sheet No. 21

Rate Schedule: Street Lighting (SL)

TERMS OF PAYMENT

If the payment for electric service is not received in the Corporation's offices or, electronically, ~~or at one of the banking institutions that offer the Corporation's bill paying service~~ by the "Due Date ~~in~~ linquent After" date shown on the billing statement, ~~or~~ the bill shall be deemed past due and a late payment charge as stated in ~~the Rate Schedule referenced in~~ Section VI - Rate Schedule, of the Corporation's Rules and Regulations will be added to the monthly billed amount.

RULES AND REGULATIONS

Service supplied under this schedule is subject to the terms and conditions set forth in the Corporation's Rules and Regulations on file with the Wyoming Public Service Commission.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: August 9, 2022~~12, 2021~~
2022

Effective: June 1, 2021~~September 12,~~
Dkt. No. 10014-217225-CT-122

Rate Schedule: Street Lighting (SL)

APPLICABILITY

Applicable to unmetered outdoor lighting used to provide street lighting which is installed on Corporation owned poles where the required secondary voltage exists or can be obtained under provisions of this schedule.

AVAILABILITY

Available within the certificated territory of Powder River Energy Corporation, where the contracting member or member representative has the authority to execute contracts and pay bills.

RATE

Lamp Size

100 W High Pressure Sodium	\$9.55 per month CLOSED
150 W High Pressure Sodium	\$9.55 per month CLOSED
175 W Mercury Vapor	\$9.55 per month CLOSED
400 W Mercury Vapor	\$16.55 per month CLOSED
400 W High Pressure Sodium	\$16.55 per month CLOSED
<= 60 W Light-Emitting Diode	\$9.50 per month
<= 60 W Light-Emitting Diode with 15A 120V outlet	\$10.00 per month

Plus, the COPA Factor shown on Sheet No. 2. The COPA mechanism is described in detail beginning on Sheet No. 34.

CONDITIONS OF SERVICE

1. A contract will be executed for a minimum of one (1) year for all lighting provided under this schedule.
2. All facilities, not already existing, required to provide lighting service requested shall be paid for by the member. The total cost to install shall include both labor and materials.
3. The Corporation will install, own, operate and maintain the street lighting system. Performance by the Corporation shall not include maintenance for damages caused by malicious mischief; such damages shall be the responsibility of the member.
4. Upon receipt of Official Notice from the customer notifying the Corporation of failure of a light to operate as provided, the Corporation shall have five (5) regular business working days in which to make necessary repairs or replacements during working hours. No reduction in the monthly charges will be allowed on inoperative units until the unit has been inoperative for more than five (5) regular business working days after the Corporation has received Official Notice of the inoperative condition. After this time, a discount equal to the daily average of the monthly street light rate will be deducted from the monthly charge until the unit is repaired or replaced.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: August 9, 2022

Effective: September 12, 2022
Dkt. No. 10014-225-CT-22

Rate Schedule: Street Lighting (SL)

CONDITIONS OF SERVICE (continued)

5. Mercury vapor and high-pressure sodium lights will not be available for new installations or replacements of existing streetlights.
6. The Light-Emitting Diode light shall be considered the standard fixture provided by the Corporation under this tariff.
7. Standard 15A 120V outlets can be optionally installed by the Company for seasonal lighting use only. This option is only available where height is inconvenient to the public and all unauthorized personnel clearances can be maintained. The optional outlets are not allowed on poles with primary overhead distribution service, will comply with the Corporation's installation standard, will be equipped with GFCI protection, are for limited seasonal lighting use only, and will be subject to other terms and conditions as outlined in the members street light service contract with the Corporation.
8. Exceptions to these conditions for service to facilitate preexisting variations will be handled by a mutually agreeable contract.

OFFICIAL NOTICE

Members may notify the Corporation by telephone (during regular business hours), by mail or email.

BILLING ADJUSTMENT

This rate is subject to all billing adjustment charges, and such adjustment charges shall be billed in addition to the minimum charges.

TERMS OF PAYMENT

If the payment for electric service is not received in the Corporation's offices or electronically by the "Due Date" shown on the billing statement, the bill shall be deemed past due and a late payment charge as stated in Section VI - Rate Schedule of the Corporation's Rules and Regulations will be added to the monthly billed amount.

RULES AND REGULATIONS

Service supplied under this schedule is subject to the terms and conditions set forth in the Corporation's Rules and Regulations on file with the Wyoming Public Service Commission.

Issued by
Michael E. Easley, Chief Executive Officer

Issued: August 9, 2022

Effective: September 12, 2022
Dkt. No. 10014-225-CT-22



STREET LIGHTING AGREEMENT - ADDENDUM – OUTLET RECEPTACLE

This Addendum is related to the Street Lighting Agreement established _____, between **POWDER RIVER ENERGY CORPORATION** (hereinafter called the “SELLER”), and _____ (hereinafter called the “MEMBER”) to govern Outlet Receptacles installed on Street Light Facilities.

TERMS:

- a. Outlet Receptacles are defined as un-metered power outlet receptacles, mounted on the Street Lighting Facilities, for use to power seasonal decorative lighting.
- b. SELLER may provide Outlet Receptacles on certain Street Lighting Facilities at the request of the Member.
- c. Installation, replacement, upgrades and/or maintenance of Outlet Receptacles will be completed by SELLER.
- d. Outlet Receptacles will only be permitted on dedicated streetlighting poles. Outlet Receptacles are not allowed on poles with uninsulated or primary voltage conductors.
- e. Existing Outlet Receptacles will be upgraded to comply with SELLER’s current design standards or will be removed from service.
- f. The Member will provide necessary lighting control (photocell or timer) for operation of decorative light fixtures attached to the Outlet Receptacles.
- g. The load (decorative light fixture) connected to an Outlet Receptacle shall not exceed 60 watts.
- h. Decorative light fixtures will be installed on brackets (mounting hardware) approved by SELLER.
- i. The Member is permitted to install and remove decorative lights on a seasonal basis. SELLER shall be notified at least one week prior to installing or removing these decorative lights.
- j. Member shall install decorative lights such that safety clearances are maintained according to good utility practice.
- k. To the extent SELLER assists with installing and removing decorative lights, Member will reimburse SELLER for associated expenses (labor and equipment).
- l. Installation of decorative banners or other signage (not requiring an Outlet Receptacle) on Street Lighting Facilities or other SELLER owned poles is not authorized by this Agreement.
- m. All costs related to outages and/or trouble calls caused by Member’s Attachments shall be the responsibility of Member and billed by PRECorp to Member.
- n. Member shall maintain Commercial General Liability Insurance for the term of this Agreement covering all operations by, or on behalf of, Member with minimum coverages amounts for bodily injury and property damage liability in the amount of \$2,000,000 per occurrence, \$4,000,000 aggregate for bodily injury, property damage and personal injury. PRECorp shall be an “additional insured” on this policy and Member shall provide evidence to PRECorp that they have complied with this requirement. Member shall provide not less than thirty (30) day’s prior written notice to PRECorp of any cancellation or material change in this policy.

Member	Powder River Energy Corporation
Address	Seller
	Prepared By:

City, State Zip	Title
Federal Tax ID or SS#:	
Signature:	Acct #
Authorized Representative	Work Order #

POWDER RIVER ENERGY

LED STREET LIGHT COST ANALYSIS

46 Watt LED

1	Watts		46
2	Hours of Usage per Year		4,278
3	Annual kWh	(Line 1 x Line 2) /1000	197
		Schedule M-1.0, Page 1 (sum of Purch	
		Pwr Demand and Energy Average Cost	
4	x Power Cost	per kWh)	\$0.057839
5	Annual Power Cost	Line 3 x Line 4	\$11.38
6	Monthly Power Cost	Line 5/12	\$0.95
7			
8	Installation Cost	LED Light Investment Cost - RAP-2	\$801.33
9	Replacement Cost	LED Light Investment Cost - RAP-2	\$476.00
10	Total Investment	Line 8 + Line 9	\$1,277.33
11			
12	Dist. System Component of Expense	Schedule M-2.0, Page 9	56,566
13	% Reduction in O&M Expenses		25%
14	Adjusted Component of Expense	Line 12 x (1- Line 13)	42,425
15	Total Lighting Plant	Schedule H-1.1, Page 1	859,395
16	Return Factor as % of Plant		4.94%
17			
18	Annual O&M Expense	Line 10 x Line 16	\$63.06
19	Monthly O&M Expense	Line 18/12	\$5.25
20	Monthly Power Cost	Line 6	\$0.95
21	Monthly Customer Cost	Schedule M-1.0, Page 1	\$3.19
22	Total Cost	Sum(Line 19 - Line 21)	\$9.39

120V Outlet	Estimating => of 65 kWh/Year	\$0.50/month
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**POWDER RIVER ENERGY
LED STREET LIGHT INVESTMENT COST**

46 Watt LED

Notes

1	Fixture Cost	\$	341.08	Sum of estimated LED Fixture Cost + Other Materials + Replacement Mast 1.75 Hours of Engineer, Inspection and Admin x \$63/hr + 2 Installation Hours x \$83/hr + 2 Hours (Hourly dollars represent total labor with 65% overhead included)
2	Installation Cost		460.25	Equipment Rate
3	<i>Total Installed Cost</i>	\$	801.33	<i>Line 1 + Line 2</i>
4	Life-Years		23	Estimate from PREC
5				
6	Estimated Lamp Life-Hours		60,000	
7	Hours of Usage per Year		4,278	
	Fixture Replacements From Hours During Fixture Life		1	
8				
9				
10	Estimated Cost per Fixture	\$	476.00	Line 16
11	Replacement Fixture Cost	\$	476.00	Line 8 x Line 10
12	Estimated Annual Fixture Replacement	\$	20.70	Line 11 / Line 4
13				
				Sum of estimated LED Fixture Cost + Other Materials
14	Estimated Cost per Replacement Fixture	\$	254.00	Line 24
15	Estimated Labor & Equipment Cost	\$	222.00	Line 24
16	<i>Total Fixture Replacement Cost</i>	\$	476.00	<i>Line 14 + Line 15</i>
17				
18	Labor Hours (2 employees - 1 hour each)		2	
19	Hourly Wage	\$	40.00	
20	Total Direct Labor	\$	80.00	Line 18 x Line 19
21	Payroll Overhead - %		65%	
22	Total Labor With Overhead	\$	132.00	Line 20 x Line 21
23	Equipment Cost (60 mile RT x \$1.50/Mile)	\$	90.00	
24	Total Cost	\$	222.00	Line 22 + Line 23

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COSTS - COMPLIANCE CASE
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

Accounts	Total	RESIDENTIAL	GEN SERV	LARGE PWR	Irrigation	LIGHTS
Average Consumers	29,780	18,582	5,745	1,175	248	2,806
kWh Sold	2,011,435,887	227,490,824	117,297,304	491,771,356	2,892,793	3,057,022
Metered kW		0	0	1,050,213	0	0
Billing kW/HP		0	0	1,871,194	8,618	0
System Demand	31,932,057	7,335,443	3,468,877	11,491,747	132,233	56,566
Monthly Cost per Cons	89.36	32.90	50.32	815.02	44.43	1.68
Average Cost per kWh	0.015875	0.032245	0.029573	0.023368	0.045711	0.018504
Cost per Metered kW		0.00	0.00	10.94	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	6.14	15.34	0.00
Purch Pwr Demand	62,985,138	7,194,125	3,454,586	15,486,678	116,286	77,211
Monthly Cost per Cons	176.25	32.26	50.11	1,098.35	39.07	2.29
Average Cost per kWh	0.031314	0.031624	0.029452	0.031492	0.040198	0.025257
Cost per Metered kW		0.00	0.00	14.75	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	8.28	13.49	0.00
Energy	63,861,897	7,264,941	3,821,781	15,791,201	94,253	99,604
Monthly Cost per Cons	178.70	32.58	55.44	1,119.94	31.67	2.96
Average Cost per kWh	0.031749	0.031935	0.032582	0.032111	0.032582	0.032582
Cost per Metered kW		0.00	0.00	15.04	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	8.44	10.94	0.00
Total Customer	14,985,087	6,172,916	3,089,108	2,705,282	121,071	107,470
Monthly Cost per Cons	41.93	27.68	44.81	191.86	40.68	3.19
Average Cost per kWh	0.007450	0.027135	0.026336	0.005501	0.041853	0.035155
Cost per Metered kW		0.00	0.00	2.58	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	1.45	14.05	0.00
Total Expenses	173,764,179	27,967,424	13,834,351	45,474,908	463,842	340,851
Monthly Cost per Cons	486.24	125.42	200.67	3,225.17	155.86	10.12
Average Cost per kWh	0.086388	0.122939	0.117943	0.092472	0.160344	0.111498
Cost per Metered kW		0.00	0.00	43.30	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	24.30	53.82	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COSTS - COMPLIANCE CASE
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

Accounts	Total	A.F.	RESIDENTIAL	GEN SERV	LARGE PWR	Irrigation	LIGHTS
System Demand							
Trans Substation	3,311,609	1	388,744	186,673	836,843	6,284	4,172
Trans Line	2,048,051	2	240,417	115,447	517,542	3,886	2,580
Distr Sub Demand	4,324,966	3	938,413	450,622	2,020,107	15,169	10,072
Distr OH Demand	13,615,454	4	2,954,224	1,418,605	6,359,512	47,752	31,706
Distr UG Demand	2,268,693	5	492,252	236,377	1,059,662	7,957	5,283
Consumer 3 - 1 P 40%	1,727,919	12	1,483,845	214,613	0	19,721	2,236
Consumer 4 - 3 P 40%	948,672	13	0	448,583	258,629	0	0
Account 368 40%	1,749,157	14	789,333	374,804	255,800	30,686	0
Dir LPT Trans Sub	435,745	22	0	0	0	0	0
Dir LPT Trans Line	559,030	23	0	0	0	0	0
Dir LPT CBM - Trans	199,188	24	0	0	0	0	0
Direct LP Trans	18,056	25	0	0	18,056	0	0
Direct LP Sub	61,806	26	0	0	61,806	0	0
Direct LPT Subs	252,986	27	0	0	0	0	0
SCADA	410,724	35	48,214	23,152	103,790	779	517
Total							
System Demand	31,932,057		7,335,443	3,468,877	11,491,747	132,233	56,566
			22.972 %	10.863 %	35.988 %	0.414 %	0.177 %
Purch Pwr Demand							
PP Demand	33,156,343	7	7,194,125	3,454,586	15,486,678	116,286	77,211
Direct PP Demand	29,435,603	30	0	0	0	0	0
Direct Fixed Charges	393,192	37	0	0	0	0	0
Total							
Purch Pwr Demand	62,985,138		7,194,125	3,454,586	15,486,678	116,286	77,211
			11.422 %	5.485 %	24.588 %	0.185 %	0.123 %
Energy							
Energy	34,511,731	8	7,409,537	3,821,781	15,791,201	94,253	99,604
Direct PP Energy	29,697,598	31	0	0	0	0	0
Direct Heat Rate	-144,596	32	-144,596	0	0	0	0
Other Energy Charges	-202,836	38	0	0	0	0	0

EXISTFINAL 08/03/20 @ 10:57

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POWDER RIVER ENERGY CORPORATION
EXISTING RATES - COMPLIANCE CASE
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - RATE BASE

Accounts	Total	A.F.	RESIDENTIAL	GEN SERV	LARGE PWR	Irrigation	LIGHTS
Plant in Service	386,436,127	141	107,247,718	52,618,669	114,280,438	2,183,242	859,395
CWIP	0	141	0	0	0	0	0
Accum Depr - Trans	-40,107,598	127	-3,819,638	-1,834,173	-8,275,865	-61,740	-40,994
Accum Depr - Distr	-120,791,882	139	-39,573,699	-19,508,676	-38,692,014	-835,970	-259,540
Accum Depr - General	-24,666,523	140	-6,917,651	-3,307,697	-7,324,666	-116,155	-126,370
Amortization	-3,585,611	141	-995,116	-488,231	-1,060,370	-20,258	-7,974
Retirement Work	1,028,620	141	285,473	140,061	304,193	5,811	2,288
Subtotal							
Net Plant	198,313,133	171*	56,227,089	27,619,955	59,231,716	1,154,930	426,804
			28.353 %	13.927 %	29.868 %	0.582 %	0.215 %
Materials/Supplies	6,336,185	141	1,758,483	862,760	1,873,795	35,797	14,091
Prepayments	1,003,621	141	278,535	136,657	296,800	5,670	2,232
Cash Working Capital	2,666,422	152	820,428	387,382	814,511	13,731	13,335
Consumer Deposits	-5,290,300	10	-3,817,645	-1,180,302	-241,402	-50,951	0
Total							
RATE BASE	203,029,061	172*	55,266,890	27,826,452	61,975,420	1,159,177	456,462
			27.221 %	13.706 %	30.525 %	0.571 %	0.225 %