

AMANDA M. GOOD, #6-4094
KARA L. ELLSBURY, #7-4692
Hirst Applegate, LLP
P. O. Box 1083
Cheyenne, WY 82003-1083
Phone: (307) 632-0541
Fax: (307) 632-4999
agood@hirstapplegate.com
kellsbury@hirstapplegate.com

FILED
PUBLIC SERVICE COMMISSION
OF WYOMING
OCT 18 2019

BEFORE THE WYOMING PUBLIC SERVICE COMMISSION

IN THE MATTER OF THE APPLICATION OF)	DOCKET NO. 10014-202-CR-19
POWDER RIVER ENERGY CORPORATION)	(Record No. _____)
FOR AUTHORITY TO IMPLEMENT A)	
GENERAL RATE INCREASE OF \$7,030,045)	
PER ANNUM AND REVISE TARIFFS)	

**DIRECT TESTIMONY
OF
DAVID W. HEDRICK
C. H. GUERNSEY & COMPANY
OKLAHOMA CITY, OKLAHOMA
ON BEHALF OF
POWDER RIVER ENERGY CORPORATION**

1 **Q. Please state your name and business address.**

2 A. My name is David W. Hedrick, and my business address is 5555 North Grand Boulevard,
3 Oklahoma City, Oklahoma, 73112-5507.

4 **Q. By whom are you employed, and what is your position?**

5 A. I am the Executive Vice-President and Manager of the Analytical Services Group at C. H.
6 Guernsey & Company, Engineers, Architects and Consultants. For over 35 years, I have
7 provided consulting services to electric cooperatives across the country in the areas of
8 revenue requirement, cost of service, and rate design.

9 **Q. Please summarize your educational and professional background.**

10 A. I earned a Bachelor of Science degree from the University of Central Oklahoma and a
11 M.B.A. degree from Oklahoma City University. I have been employed by C. H.
12 Guernsey & Company since 1981.

13 **Q. Have you previously testified before regulatory commissions?**

14 A. Yes. I have testified and been accepted as an expert witness before the Arizona
15 Corporation Commission, the Public Utility Commission of Texas, the Oklahoma
16 Corporation Commission, the Arkansas Public Service Commission, and the Wyoming
17 Public Service Commission. Exhibit DWH-1 is my resume, which provides details
18 regarding my clients and experience.

19 **Q. Whom do you represent in this proceeding?**

20 A. I represent Powder River Energy Corporation (“PRECorp” or the “Cooperative”).

21 **Q. Have you previously represented PRECorp in proceedings before the Wyoming
22 Public Service Commission?**

23 A. Yes. I have represented PRECorp in numerous rate filings and Cost of Power Adjustment
24 (COPA) filings over the past thirty years.

25 **Q. What is the purpose of your testimony?**

26 A. I will describe PRECorp’s request and sponsor the schedules included in the rate filing in
27 support of the request. Exhibit DWH-2 is the Rate Analysis and Cost of Service Study.

28 **Q. What are PRECorp’s proposed tariffs designed to accomplish?**

29 A. PRECorp’s proposed tariffs have been designed to accomplish the following goals:

30 1. An increase in system revenue of \$7,030,045, or 4.23%, to result in a target
31 revenue requirement of \$174,464,583.

- 32 2. Restatement of the base cost of power in the COPA mechanism to reflect the
33 current level of power cost.
- 34 3. Revision of the existing base rates to reflect the appropriate recovery of COPA
35 revenue based on the restated base cost of power.
- 36 4. Revisions to rate class tariff charges to recognize changes in the cost of providing
37 service.
- 38 5. Reintegration of the remaining customers served on the General Service-Coal Bed
39 Methane (GS-CBM) rate into the General Service (GS) rate.
- 40 6. Reintegration of the remaining customers served on the Large Power-Coal Bed
41 Methane (LP-CBM) rate into the Large Power (LP) rate.
- 42 7. Closing the existing Residential Time-of-Day (TOD) rate to new customers.
- 43 8. Moving Seasonal service annual billing to monthly billing.
- 44 9. Establishment of new tariffs for the following:
- 45 (a) Residential Time-of-Use (TOU)
- 46 (b) General Service TOU
- 47 (c) Large Power TOU
- 48 10. Integration of the Large Power Transmission-General (LPT-G) rate into the new
49 Large Power TOU rate.
- 50 11. Reflect a change in the revenue requirement for the Large Power Transmission
51 Coal Mine (LPT-CM) rate utilizing the rate design as requested in Docket No.
52 10014-198-CT-19. After the completion of the schedules for this rate filing, the
53 proposed change in the LPT-CM rate design requested in Docket No. 10014-198-

54 CT-19 was approved. I have included in my testimony a discussion of the impact
55 of this approval on the rate filing.

56 **Q. What criteria were used to establish the proposed target revenue requirement?**

57 A. As a not-for-profit electric cooperative, PRECorp's required revenue is determined based
58 on: (1) the cash requirements necessary to meet the Cooperative's financial objectives;
59 and (2) the ability to satisfy lender mandated coverage requirements.

60 **Q. What components shown on the income statement, Schedule A-1.0, determine the
61 target revenue requirement of \$174,464,583?**

62 A. The target revenue requirement is the sum of the operating expenses of \$159,317,810 and
63 the return of \$15,146,773. The return is the sum of the interest expense of \$7,171,108
64 and the target operating margin of \$7,975,665.

65 **Q. How was the operating margin determined?**

66 A. The target operating margin was set at a level sufficient to produce a target RUS OTIER
67 of 2.25.

68 **Q. What is the rate change, or proposed increase in system revenue, required to meet
69 the target RUS OTIER of 2.25?**

70 A. The rate change required to meet the target RUS OTIER of 2.25 is \$8,421,248, or a
71 5.07% increase compared to the adjusted test year.

72 **Q. What is the rate change that PRECorp is requesting?**

73 A. The proposed rate change PRECorp is requesting is \$7,030,045, or 4.23% compared to
74 the adjusted test year. Thus, PRECorp is requesting less of a proposed rate change than
75 required to meet the target RUS OTIER of 2.25.

76 **Q. Why is PRECorp's proposed rate change less than the target rate change?**

77 A. The proposed rate change of \$7,030,045 in column (f) of Schedule A-1.0 reflects a
78 reduced level of revenue resulting from the reintegration of the GS-CBM rate class with
79 the GS rate class and the LP-CBM rate class with the LP rate class. Specifically, under
80 PRECorp's proposal to reintegrate the CBM rate classes, customers currently being
81 served on the GS-CBM rate will be served on the proposed GS rate and customers on the
82 LP-CBM rate will be served on the proposed LP rate.

83 The proposed GS and LP rates were developed based on achieving a relative rate of
84 return (RROR) of 1.00 for the existing GS and LP classes as reflected in the cost of
85 service study. The proposed GS and LP rates, when applied to the former GS-CBM and
86 LP-CBM customers, produce a lower level of revenue for the combined classes than what
87 would be justified if the CBM classes remained as stand-alone rate classes. PRECorp
88 chose not to request the increase in revenue necessary to bring the combined classes to a
89 RROR of 1.00. The intent of PRECorp's chosen approach is to not create any additional
90 burden on existing GS and LP customers as a result of reintegrating the GS-CBM and
91 LP-CBM customers into those rate classes.

92 **Q. How have the adjusted operating revenues and operating expenses been determined**
93 **in PRECorp's rate filing package?**

94 A. The operating revenues and operating expenses have been developed based on an actual
95 historical twelve-month test period ending December 31, 2018 and adjusted for known
96 and measurable changes. The known and measurable changes reflected in the adjusted
97 test year include:

98 1. Adjustment of test-year base revenue. The adjusted test year revenue has been
99 developed based on the application of the existing rates to the adjusted test year

100 billing units. The most significant change in the billing units is to reflect the
101 continued decline in sales to CBM rate classes and the loss of two Large Power
102 Transmission Coal Mine (LPT-CM) customers.

103 2. Adjustment to reflect the revenue to be billed under the COPA based on the
104 adjusted wholesale power cost and adjusted billing units.

105 3. Adjustment to reflect the projected change in Regional Transmission Service
106 Revenues.

107 4. Adjustment to reflect the current wholesale cost of power (purchased power)
108 applied to the adjusted test year billing units.

109 5. Adjustments to reflect the 2019 cost for payroll and benefits expenses and
110 associated payroll taxes.

111 6. Adjustment to reflect the change in property taxes.

112 7. Adjustment to reflect the change in depreciation expense.

113 8. Adjustments to reflect changes in Interest on Long-Term Debt, Interest on
114 Customer Deposits, and Other Deductions.

115 I will discuss the development of the adjustments individually.

116 **Adjustments to Test Year and Development of Revenue Requirement**

117 **Q. Please describe the development of the adjustment to test year base revenue of**
118 **negative \$12,127,411 shown in column (b) of Schedule A-1.0.**

119 A. The adjustment is calculated on Schedule A-4.0 and represents the difference between the
120 adjusted test year base revenue and the actual test year base revenue. The adjusted test
121 year revenue is calculated on Schedule F-4.0 by applying the currently authorized rates to
122 the adjusted billing units for each rate class. The adjusted billing units were developed

123 based on actual data for January through July of 2019 and budget/forecast billing units
124 for August through December 2019. The budget billing units for the LPT-CM class have
125 been further reduced to exclude two coal mine loads that ceased operation in mid-2019.
126 The adjustment to reduce revenue using the adjusted billing units reflects the continued
127 decline in CBM and coal mine load.

128 **Q. Please describe the development of the adjustment to the test year COPA revenue of**
129 **negative \$1,715,908 shown in column (b) of Schedule A-1.0.**

130 A. The adjustment is calculated on Schedule A-4.0 and represents the difference between the
131 adjusted test year COPA revenue and the actual test year COPA revenue. The adjusted
132 test year COPA revenue is calculated on Schedule F-5.0. The calculation of adjusted
133 COPA revenue has been developed based on the currently approved COPA tariff using
134 the adjusted test year wholesale power cost on Schedules G-2.0 through G-2.4. The
135 adjusted COPA revenue reflects a full recovery of the recoverable power cost.

136 **Q. Please describe the development of the adjustment to the Regional Transmission**
137 **Revenues of negative \$164,702 shown in column (b) of Schedule A-1.0.**

138 A. The adjustment reflects the projected reduction in Regional Transmission Revenues
139 received by PRECorp as reflected in the 2019 budget. The Regional Transmission
140 Revenues are projected to be lower as a result of the lower level of use of the
141 transmission system.

142 **Q. Please describe the adjustment to purchased power of negative \$12,887,025 shown**
143 **in column (b) of Schedule A-1.0.**

144 A. The adjustment is calculated on Schedule A-5.0 and represents the difference between the
145 adjusted test year wholesale power cost and the actual test year wholesale power cost.

146 The adjusted wholesale power cost is summarized on Schedule G-2.0 and developed on
147 Schedules G-2.1 through G-2.4. The reduction in power cost reflects the loss of two coal
148 mine loads in mid-2019 and the continued decline of CBM load. The Basin wholesale
149 rate also changed slightly.

150 **Q. Please describe the adjustment made to payroll expense.**

151 A. Payroll expense has been increased by \$307,708 from the actual test year amount. This
152 represents a 4.95% increase in payroll expense compared to the test year. The adjustment
153 is developed on Schedule A-7.0. The adjustment is based on 122 full time and 7 part
154 time employees using current 2019 wage rates. The expense ratio and overtime ratio
155 utilized in the calculation are five-year averages as reflected on Schedule C-6.0.

156 **Q. How is the payroll expense adjustment assigned to the various RUS operating
157 expense accounts?**

158 A. The payroll adjustment is spread to the various expense accounts on Schedule A-3.1
159 based on the test year actual payroll by account.

160 **Q. Please describe the adjustment made to benefits expenses?**

161 A. Benefits expenses have been increased by \$43,179 from the actual test year amount. The
162 adjustment is developed on Schedule A-8.0. The calculation of the adjusted test year
163 benefits expenses is developed on Schedules A-8.1 through A-8.6. The adjusted benefits
164 expenses are based on the 2019 premium and contribution amounts for each benefit. The
165 total adjusted benefits contribution is multiplied by the labor expense ratio to determine
166 the adjusted benefits expense. The labor expense ratio is the five-year average developed
167 on Schedule C-6.1.

168 **Q. How is the benefits expense adjustment assigned to the various RUS operating**
169 **expense accounts?**

170 A. The benefits adjustment is spread to the various expense accounts on Schedule A-3.2
171 based on the test year actual benefits by account.

172 **Q. Please describe the adjustment to workers compensation insurance and payroll tax**
173 **expense.**

174 A. Adjusted workers compensation expense is calculated on Schedule A-9.0 based on
175 adjusted test year wages and the current workers compensation premium rate; it is also
176 shown on Schedule A-13.1. Adjusted payroll tax expense is calculated on Schedule A-
177 13.2, A-13.3, and A-13.4 based on the adjusted test year payroll and the appropriate state
178 and federal payroll tax rates. The total adjustment to workers compensation insurance
179 and payroll tax expense is \$20,614 as shown on Schedule A-13.0. The adjustment is
180 spread to the operating expense accounts on Schedule A-3.3.

181 **Q. What level of rate case expense is included in adjusted test year expenses?**

182 A. The test year actual rate case expense in Account 928 of \$156,683 reflects the 2018
183 component of the amortization of the rate case expense of \$467,370 in Docket No.
184 10014-168-CR-16. The rate case expense from Docket No. 10014-168-CR-16 was
185 amortized over 3 years.

186 The level of rate case expense that PRECorp will incur in this proceeding is difficult to
187 predict. The rate case expense will include not only the cost of developing the rate filing
188 package and testimony, but also the post-filing activities, which include responding to
189 interveners, the OCA, and commission staff, as well as preparing for required hearings.
190 The rate case expense for this case has been estimated at \$470,048, which if amortized

191 over a three-year period, equals \$156,683, or the amount amortized during the test year.

192 The resulting adjustment to rate case expense is zero as shown on Schedule A-10.0.

193 **Q. Please describe the adjustment to property tax expense.**

194 A. The adjustment to property tax is an increase of \$20,240. The adjustment is calculated on
195 Schedule A-12.0 by applying the effective property tax rate for the test year to the plant
196 in service at the end of the test year.

197 **Q. Please describe the adjustment to depreciation expenses.**

198 A. The adjustment to depreciation expense is a reduction of \$369,496. The adjustment
199 includes two components. The first component is a reduction in projected depreciation
200 expense as calculated on Schedule A-11.0 by applying the applicable depreciation rates
201 to the test year-end plant balances. The second component is an adjustment to remove
202 the regulatory debits and credits recorded for the test year as shown on Schedule A-14.0.
203 The removal of the regulatory debits and credits eliminates the over/under recovery
204 related to the COPA booked in the test year. The calculation of the adjusted test year
205 COPA provides a full recovery of COPA revenue.

206 **Q. Please describe the adjustment to interest on long-term debt.**

207 A. The adjustment to interest on long-term debt is an increase of \$210,714. The adjustment
208 is calculated on Schedule A-15.0 by applying the applicable interest rate to the adjusted
209 principal outstanding. The adjusted principal outstanding reflects the test year ending
210 outstanding debt less the projected principal payments for 2019.

211 **Q. Please describe the adjustment to interest on customer deposits.**

212 A. The adjustment to interest on customer deposits is an increase of \$157,134 as reflected on
213 Schedule A-16.0. The adjusted test year consumer deposit interest of \$591,815 is

214 calculated by applying the 2019 interest rate of 3.53% to the consumer deposit balance of
215 \$16,765,287 at year end 2018.

216 **Q. Please describe the adjustment to other deductions.**

217 A. The adjustment to other deductions is a reduction of \$138,616 as shown on Schedule A-
218 17.0. The adjustment reflects the removal of all charitable donations from the revenue
219 requirement.

220 **Q. What is the impact of the adjustments to test year revenues and expenses?**

221 A. The adjustments to test year revenues and expenses are shown in column (b) of Schedule
222 A-1.0. The impact of the adjustments is to reduce operating margins by \$1,372,471. The
223 adjusted test year is reflected in column (c) of Schedule A-1.0. The adjusted test year
224 operating margin is negative \$445,583, which produces a RUS OTIER of 0.94.

225 **Cost of Service Study**

226 **Q. Was the Cost of Service Study included with the rate filing developed using the same**
227 **methodology as proposed by PRECorp and approved by the Commission in**
228 **previous rate filings?**

229 A. While the fundamental cost of service allocation process is consistent with prior studies,
230 PRECorp has changed the approach used for the allocation of costs to the GS-CBM and
231 LP-CBM rate classes. In prior filings, the cost of service analysis reflected direct
232 assignments of the plant investment placed into service for the GS-CBM and LP-CBM
233 rate classes. The cost of service analysis in this filing does not include direct assignments
234 of plant to the GS-CBM or LP-CBM rate classes, nor is there a recognition of
235 contributions in aid of construction (CIAC) provided by GS-CBM or LP-CBM
236 customers. The plant investment previously directly assigned to the GS-CBM and LP-

237 CBM classes has been included with other similar plant investment and allocated to all
238 rate classes.

239 **Q. What is the reason for this change in methodology?**

240 A. From the beginning of the coal-bed methane development in its service area, PRECorp
241 took steps to safeguard its other members from potential negative impacts related to the
242 provision of service to CBM customers. One of the first steps was to establish separate
243 rate schedules for CBM customers for the purpose of directly assigning costs to the CBM
244 customers and ensuring that those customers paid their share of costs without requiring
245 subsidy from other members. PRECorp implemented other risk mitigation strategies as
246 well, such as accelerated depreciation on certain assets, line extension requirements, and
247 risk management and retirement funds. All of these risk mitigation steps were taken in
248 anticipation that the CBM load would have a 7 – 10-year life and then begin to decline.
249 The decline in the CBM industry and in sales by PRECorp to CBM customers has been
250 well documented and continues. Budgeted annual kWh sales to the GS-CBM customers
251 in this filing have declined by roughly 27.8 million kWh, or 57%, from the projected
252 kWh sales in the last rate filing. Budgeted annual kWh sales to the LP-CBM customers
253 in this filing have declined by roughly 201 million kWh, or 49%, from the projected kWh
254 sales in the last rate filing. It is anticipated that service to CBM related load will continue
255 to decline into the future.
256 As such, PRECorp believes that it is now appropriate to reintegrate the CBM customers
257 back into the respective rate class where service would be provided absent the separate
258 CBM rate classes. Absent such reintegration, as the existing CBM rate classes continue
259 to shrink in sales, the recovery of all costs related to directly assigned facilities will result

260 in rates for the remaining CBM customers that are not sustainable. At the point when
261 substantive sales to CBM customers cease, the cost of facilities built to serve CBM load
262 will either become stranded or will be absorbed by the other customers of the
263 Cooperative. Eliminating the GS-CBM and LP-CBM rate classes at this time provides a
264 smoother transition than waiting until all of the customers in the CBM classes have
265 ceased operations.

266 **Q. Did the Commission provide direction regarding certain allocation methods**
267 **employed by PRECorp to be addressed in this proceeding?**

268 A. Yes. The following findings of fact from the final order in Docket No. 10014-168-CR-16
269 provide the necessary background for discussion.

270 47. The fourth argument is that PRECorp should modify its long-standing use
271 of the 12 CP Method for allocation of a number of costs. We find that Hedrick
272 has carried PRECorp's burden to explain the choice of the 12 CP method, and are
273 not persuaded by the merits of the alternative proposed by Higgins.
274

275 48. As an independent reason for finding in favor of PRECorp on the 12 CP
276 issue, and also with respect to the first allocation issue, we consider it wise during
277 this period of economic instability to avoid changes in method which would
278 substantially cloud the ability of all members to understand how the challenges
279 facing PRECorp will affect them. Moreover, there is no question that the changes
280 proposed by Carbon Creek would directly benefit the CBM class, to the detriment
281 of other classes. There is no question that the use of the 12 CP method has for
282 many years been an operating premise of PRECorp, its board, its members, and
283 this Commission.
284

285 49. By supporting the use of the 12 CP method in this case and under these
286 circumstances, we do not foreclose the possibility that the changes now engulfing
287 PRECorp may eventually warrant a re-evaluation of its allocation method. But
288 we are not persuaded now is the time. Given the evident commitment of
289 PRECorp witnesses to the 12 CP method, we cannot believe it would be fruitful to
290 order a collaborative to address this issue. However, we urge PRECorp to reflect
291 in good faith on the matter of the 12 CP method, in light of other alternatives, and
292 to be prepared to address this issue in its next rate case, whenever that may be.
293

294 **Q. Has PRECorp considered the appropriateness of its continued use of the 12 CP**
295 **method for allocation of demand related costs?**

296 A. Yes. As reflected in the findings of fact, the 12 Coincident Peak (12 CP) method for
297 allocation has been utilized by PRECorp and approved by the commission for many
298 years. Nevertheless, PRECorp considered whether another method was more
299 appropriate. Ultimately, PRECorp concluded that the 12 CP method remained the best
300 method for PRECorp to use.

301 The compelling underlying reason for use of the 12 CP is that this method provides the
302 most accurate means of allocating plant investment and associated costs based on why
303 the plant was built and how the plant is used. The generally accepted practice among
304 state regulators and FERC regulators is to allocate transmission and distribution
305 substation investment using the 12 CP method. The Southwest Power Pool also assigns
306 and recovers transmission costs from its customers based on the 12 CP method.
307 Therefore, in consideration of the appropriate method for allocating transmission and
308 substation investment, the 12 CP method is most widely recognized and practiced.

309 For PRECorp, the majority of line transformer investment is allocated based on the size
310 of the individual transformer serving the customer and the associated costs. Single-phase
311 overhead line extension investment is allocated to single-phase consumers and three-
312 phase overhead line extension is allocated to three-phase consumers. This leaves only the
313 allocation of the overhead distribution backbone line investment and underground
314 backbone distribution line investment based on the 12 CP method in dispute. These
315 facilities are built and utilized to serve the diversified load of all the members using those
316 facilities. That is, the system has been sufficiently designed to serve the load

317 requirements of the cumulative coincident load of all members. Thus, each rate class'
318 contribution to the monthly coincident peak provides the most accurate representation of
319 how these costs should be allocated.

320 The alternative method, the Non-Coincident Peak (NCP) method, would assign demand
321 related costs based on the sum of each individual consumer's maximum metered demand
322 in an annual period regardless of when it occurred. The argument for this method is that
323 the system must be built to a size that is sufficient to serve the maximum possible load of
324 all consumer loads if operating at peak at the same time. This does not align with reality
325 or with how the system is actually designed. More specifically, the system is not built to
326 serve all customers at their maximum demand at the same time. Rather, the system is
327 built to take into account diversity between customers within each rate class and also
328 diversity between rate classes. Not all customers utilize energy on the same schedule or
329 with the same diversity, and thus, an individual customer's demand requirement and
330 consequently the rate class' demand requirement will be quite different. Without
331 recognition of this diversity by use of the 12 CP method, the differences between
332 customers and rate classes is ignored. From a cost causation standpoint, PRECorp
333 believes that the 12 CP method is the most fair and equitable way to assign costs.

334 **Q. Are there other reasons for maintaining the 12 CP method?**

335 A. Yes. As the Commission found in PRECorp's last rate case, changing from the 12 CP
336 method to another method during a time of economic instability could "substantially
337 cloud the ability of all members to understand how the challenges facing PRECorp will
338 affect them." The economic instability that existed during PRECorp's last rate case
339 persists today.

340 Specifically, not only does CBM load continue to decline, coal loads are also declining,
341 and the coal mines that PRECorp serves are operating in a distressed industry. Thus,
342 even if there is a more effective means of allocation than the 12 CP method, PRECorp
343 believes that for this additional reason this is still not the time to change allocation
344 methods due to the decline in billing units and the uncertainty this creates in rate design.
345 Lastly, the implementation of an alternative method of assigning demand would be
346 dependent upon having individual demand data for all customers. PRECorp does not yet
347 have the demand meters in place to provide that type of data in this proceeding, although
348 PRECorp has taken steps towards achieving the ability to obtain individual demand data
349 for all customers.

350 **Q. What are the results of the Cost of Service Study?**

351 A. Schedule H-1.0 summarizes the results of the cost of service study under existing rates.
352 Schedule H-2.0 summarizes the results of the cost of service study under proposed rates.
353 The following table summarizes the rates of return and relative rates of return by class.

	COSS		COSS		
	Existing Rates		Proposed Rates		
	ROR	RROR	ROR	Actual RROR	Target RROR
Residential	3.080%	0.930	7.055%	1.041	0.946
General Service	3.455%	1.043	7.447%	1.099	0.998
General Service CBM	1.724%	0.521	-3.058%	-0.451	-0.410
Total General Service			5.768%	0.851	0.773
Irrigation	5.304%	1.601	7.401%	1.092	0.992
Large Power	3.217%	0.971	7.440%	1.098	0.997
Large Power CBM	4.239%	1.280	5.330%	0.787	0.714
Total Large Power			6.792%	1.003	0.910
LP Trans Coal	3.295%	0.995	7.433%	1.097	0.996
LP Trans CBM	0.251%	0.076	7.219%	1.066	0.968
LP Trans General	0.928%	0.280	5.843%	0.863	0.783
Lighting	7.880%	2.379	8.237%	1.216	1.104
Total System	3.312%	1.000	6.775%	1.000	0.908
Target Rate of Return	7.460%				

Table 1

354
355356 **Q. Do the results reflected in Table 1 indicate a need to adjust rates?**

357 A. Yes. Based on the results of the Cost of Service Study under existing rates, adjustments
358 are recommended for all of the rate classes. Schedule N-1.0 reflects the proposed
359 changes by rate class. The proposed changes reflect the following objectives:

- 360 1. Revise the COPA to reflect a recovery based on the current base power cost. The
361 proposed COPA is calculated on Schedule F-5.0.
- 362 2. Achieve the target rate of return for each class and move the RROR toward 1.00
363 relative to the target rate of return.
- 364 3. More specifically, the proposed GS rate and LP rate are designed to move the
365 RROR for the existing GS and LP classes to 1.00 relative to the target rate of
366 return.

367 4. Also, the rate change for the existing GS-CBM and LP-CBM customers is based
368 on the design of the GS and LP rates reflected in #3.

369 **Q. How does the combination of the GS-CBM and LP-CBM rate classes with the GS**
370 **and LP rate classes impact PRECorp's proposed rate change?**

371 A. The proposed rate change, which includes the reintegration of the GS-CBM and LP-CBM
372 rate classes with the GS and LP rate classes in the manner proposed by PRECorp, results
373 in an overall increase of \$7,030,045 in revenue, or 4.23%, which results in a RUS OTIER
374 of 2.03. Achieving the target OTIER of 2.25 would require an overall increase of
375 \$8,421,248 in revenue, or an additional \$1,391,203.

376 **Q. Why has PRECorp chosen the approach of requesting a proposed rate change**
377 **resulting in less than the target revenue?**

378 A. Schedule H-2.0, Page 3 of 3 shows the cost of service results under the proposed rates for
379 the combined GS/GS-CBM class and the combined LP/LP-CBM class. As Schedule H-
380 2.0 illustrates, the combined GS/GS-CBM rate class would require an additional
381 \$560,380 in revenue, or an additional 3.45% increase, to achieve an RROR of 1.00 for
382 the combined GS/GS CBM class. The combined LP/LP CBM class would require an
383 additional \$597,099 in revenue, or an additional 0.93% increase, to achieve an RROR of
384 1.00 for the combined LP/LP CBM class.

385 The reason PRECorp is proposing rates that result in less of an increase than needed to
386 achieve a 1.00 RORR for the GS/GS-CBM class and LP/LP CBM is that the full increase
387 would result in an increase to the existing GS customers of 12.32%, or 3.46% higher than
388 what the cost of service recommends. The full increase to existing LP customers would
389 be 7.1322%, or 0.93% higher than what the cost of service recommends. Thus, both the

390 existing GS and LP customers would require a larger increase than what the cost of
391 service reflects those customers should receive if PRECorp were to propose a full
392 recovery from the combined GS/CBM and LP/CBM classes.

393 PRECorp believes that an appropriate first step is to move the CBM customers into the
394 standard rate schedules. Additional steps may be required in future rate filings to bring
395 the combined rate class to a RROR of 1.00 as reflected in the cost of service at that time.

396 **Q. Please describe the proposed changes for the Residential class.**

397 A. The proposed rates will increase the monthly customer charge from \$25.50 to \$27.00.
398 The Total Customer cost component of \$27.99 is shown on Schedule M-1.0 page 1 of 8.
399 The non-standard 200-amp service customer charge has been increased from \$30.00 to
400 \$31.50. The energy charge has been adjusted to reflect the recovery of costs and the
401 change in the COPA base cost. The proposed increase to this class is 8.87%.

402 **Q. Please describe the proposed changes to the Residential TOD rate.**

403 A. The existing Residential Time Of Day (TOD) rate reflects the same changes in customer
404 charge as the standard Residential rate. The On-peak and Off-peak energy charges have
405 been revised to reflect the appropriate recovery of costs and the change in the COPA base
406 cost. PRECorp is proposing to close the existing Residential TOD rate to new customers.
407 Existing TOD customers will be allowed to continue service on the closed TOD rate. A
408 new Residential Time of Use (TOU) rate has been proposed. The new rate includes the
409 On and Off-peak hours and costs as reflected in the current Basin wholesale rates.

410 **Q. Please describe the changes proposed to the Seasonal service annual billing.**

411 A. Moving the Seasonal service annual billing to monthly billing will eliminate multiple
412 annual bills to accommodate COPA and other rate adjustments and provide members a
413 more accurate picture of their usage throughout the year.

414 **Q. Please describe the changes proposed to the Residential Heat Rate.**

415 A. The Residential Heat Rate has been revised to reflect a \$4 differential relative to the
416 standard Residential rate. In its recent application for approval of a Non-Residential Heat
417 rate, the Cooperative supported a \$4 differential in customer charge. PRECorp is
418 proposing to consolidate the existing Residential Heat Rate with the Non-Residential
419 Heat rate into a single Heat Rate tariff. The provisions of the approved Non-Residential
420 Heat rate would apply to all Heat Rate customers.

421 **Q. Please describe the proposed changes to the Irrigation class.**

422 A. The proposed increase for the class is 5.61%. This level of increase will move the class
423 to a RROR of 0.992 relative to the target rate of return. This effectively brings the
424 irrigation class to the unified ROR. The fixed horsepower charge has been increased
425 from \$22.50 to \$24.50 per horsepower. The combination of the irrigation system demand
426 component of \$15.54 per horsepower and the customer cost component of \$14.23 per
427 horsepower as reflected on Schedule M-1.0, page 1 of 8 equals \$29.77 per horsepower.
428 The proposed change in the horsepower charge moves the rate closer to the cost
429 component of providing service.

430 **Q. Please describe the proposed changes to the existing GS rate class.**

431 A. The proposed basic charge for the existing General Service class is increased from \$35 to
432 \$40 for single-phase and from \$40 to \$45 for three-phase. These charges are still in line
433 with the Total Customer cost component on Schedule M-1.0 of \$45.34. The kWh charge

434 has been modified to rebase the COPA and achieve the total class revenue requirement.

435 The total increase for this class is 8.86%.

436 **Q. Please describe the proposed change for the existing LP Class.**

437 A. The monthly customer charge has been increased from \$175.00 to \$200.00. The monthly
438 demand charges have been increased from \$3.25 to \$3.75 for the first block, and from
439 \$6.25 to \$6.75 for the second block. The kWh charges have been changed to reflect the
440 rebasing of the COPA and to produce an overall 6.20% increase for the class.

441 **Q. Please describe the proposed change for the existing GS-CBM customers moving to**
442 **the proposed GS rate.**

443 A. The proposed change for the existing GS-CBM customers is a reduction of 10.17%. The
444 existing GS-CBM customers experience a reduction as a result of the reintegration with
445 the GS rate class due to the differential in the existing rates.

446 **Q. Please describe the proposed change for the existing LP-CBM customers moving to**
447 **the proposed LP rate class.**

448 A. The proposed increase for the LP-CBM customers is 1.30%. The existing LP-CBM
449 customers experience a smaller increase than the existing LP customers as a result of the
450 reintegration due to the differential in the existing rates.

451 **Q. Please describe the proposed change to the LPT-CBM rate class.**

452 A. The LPT-CBM class is currently its own class; PRECorp is not proposing to integrate the
453 LPT-CBM class with any other class, particularly the LPT or LPT General rate classes.
454 PRECorp is proposing to maintain this rate schedule for the five accounts served because
455 service to these loads is sufficiently unique and the loads served are sufficient to support
456 the investments made to provide service. The proposed increase to the LPT-CBM rate

457 class is 3.70%, which results in an RROR of 0.968 relative to the target rate of return.
458 The NCP demand charge has been increased to \$2.85 per NCP kW and the wholesale
459 charges have been revised to reflect the current level of power cost and rebase of the
460 COPA.

461 **Q. Please describe the change proposed for the LPT-CM rate class.**

462 A. The cost of service shows a small increase is needed for this class. The proposed change
463 is 1.57%. This was achieved by an increase in the basic monthly charge from \$1,000 to
464 \$4,900, and an increase in the retail demand charge from \$0.90 to \$1.30. While the
465 increase in customer charge appears significant, the customer charge component
466 represents only 1% of the total billing to the customers in this class. In addition to the
467 changes in the distribution charges, the wholesale demand charge has been revised to
468 reflect billing based on the CP kW billing unit recognizing the rebased COPA.

469 **Q. What is the impact on the rate filing of the Commission's approval of the rate design
470 change in the LPT-CM rate in Docket No. 10014-198-CT-19?**

471 A. There is no impact of the approval of the rate design change. The rate design changes
472 were designed to be revenue neutral and, therefore, have no impact. Exhibit DWH-3
473 provides a comparison of the adjusted test year revenue as calculated in the rate filing
474 with the adjusted test year revenue using the recently approved LPT-CM rate. Both
475 methods result in the same revenue. Exhibit DWH-3.1 is the supporting calculation of
476 the adjusted test year COPA revenue for the LPT-CM rate with the approved base rates
477 and billing units. Exhibit DWH-4 shows that the proposed rate change by rate class is
478 not changed as a result of the approval of the LPT-CM rate design.

479 **Q. Please describe the change proposed for the LPT-G rate class.**

480 A. The proposed change is an increase of \$7,123 or 1.42%. PRECorp is proposing to
481 eliminate the existing LPT-G rate tariff and serve the only customer on that tariff under
482 the new proposed Large Power Time Of Use (TOU) rate at transmission delivery.

483 **Q. What schedule in the rate filing provides the calculation of the proposed rates?**

484 A. Schedule N-2.0 provides the calculation of the adjusted test year revenue and the
485 proposed revenue under the proposed rates for all rate classes. The proposed rates
486 developed on Schedule N-2.0 are reflected in the Proposed Tariffs.

487 **Q. Have billing comparisons been developed for each of the major rate classes?**

488 A. Yes. Section O contains the billing comparisons for each rate class. The billing
489 comparisons provide the calculation of the billing under the existing rate and proposed
490 rate at various usage levels. As reflected on Schedule O-2.0, the change for an average
491 Residential customer using 1,175 kWh per month is an increase of \$11.23 or 8.84%.

492 **Q. Please describe the development of the proposed new Residential TOU rate.**

493 A. Recent changes in the Basin wholesale rate have resulted in revisions to the definition of
494 On-peak and Off-peak hours. The new Residential TOU rate reflects these hours. The
495 Off-peak rate is based on the energy component for the Residential class of \$0.032006
496 plus the system demand component for the Residential class of \$0.0326450 shown on
497 Schedule M-1.0, Page 1. The On-peak charge of \$0.113 per on-peak kWh is designed to
498 recover the equivalent on-peak charges as reflected in the existing Residential TOD rate
499 with a much smaller number of on-peak billing kWh. Under the existing Residential
500 TOD rate, the on-peak hours in May through September plus the hours in June – August
501 (all hours in June – August are on-peak) total 5,998 hours of a total 8,760 hours in the
502 year. Under the definition of on-peak hours in the new proposed rate, there are 4,258 on-

503 peak hours or 70.99% of the existing on-peak hours. The projected on-peak kWh under
504 the new rate are 1,191,501 and the off-peak kWh are 2,092,643. Thus, the most
505 significant benefit of the new Residential TOU rate is there are 1,740 more off-peak
506 hours at the lower off-peak rate for member consumers to use. The on-peak charge that
507 produces a rate equivalent to the proposed TOD rate is 0.1130 per kWh. The proposed
508 on-peak charge is a reasonable estimate to both recover the cost of providing service and
509 to send an appropriate pricing signal to the member consumer.

510 **Q. Please describe the proposed new General Service TOU rate.**

511 A. The General Service TOU rate reflects the same on and off-peak kWh pricing as reflected
512 in the Residential TOU rate. The customer charges are set at the same level as reflected
513 in the standard proposed General Service Rate.

514 **Q. Please describe the proposed new Large Power TOU rate.**

515 A. The proposed new Large Power TOU rate is necessary to provide all commercial and
516 industrial customers access to the on and off-peak pricing signals in the Basin wholesale
517 rate. The distribution component of the rate is based on the cost components on Schedule
518 M-1.0. The customer charge is the same \$200 as for the standard proposed Large Power
519 rate. The demand charge at transmission delivery of \$0.77/per NCP kW is the sum of the
520 Transmission Sub Demand cost component of \$0.45/kW plus the Transmission Line
521 Demand cost component of \$0.29/kW for the LP class shown on Schedule M-1.0, Page 3
522 of 8. The demand charge at Substation Delivery adds the Distribution Sub Demand cost
523 component of \$1.11 for a total charge of \$1.87. Service at Distribution Primary Delivery
524 includes the Distribution Overhead Demand cost component of \$3.53/kW and the
525 Distribution Underground Demand cost component of \$0.57/kW for a total charge of

526 \$6.02/kW. Service at Distribution Secondary Delivery adds in the Distribution Other
527 Demand cost component of \$0.20/kW for a charge of \$6.22/kW.
528 The fixed charge per CP kW in the wholesale rate at transmission delivery is based on the
529 Purchase Power Demand cost component of the LPT–General class shown on Schedule
530 M-1.0, Page 2 of 8. The cost component shown on Schedule M-1.0 for transmission
531 delivery reflects losses of 0.09%. The remaining delivery level charges have been
532 developed based on the charge at transmission delivery adjusted for the appropriate
533 losses. The charge at substation delivery reflects 2% losses. The charge at distribution
534 primary reflects 4.06% losses. The charge at secondary delivery reflects losses of 7.06%.
535 The energy charge in the wholesale rate at transmission delivery is based on the Energy
536 cost component for the LPT-General class shown on Schedule M-1.0, Page 2 of 8. The
537 cost component shown on Schedule M-1.0 for transmission delivery reflects losses of
538 0.09%. The remaining delivery level charges have been developed based on the charge
539 at transmission delivery adjusted for the appropriate losses. The charge at substation
540 delivery reflects 2% losses. The charge at distribution primary reflects 4.06% losses.
541 The charge at secondary delivery reflects losses of 7.06%.

542 **Q. Does this conclude your testimony?**

543 **A.** Yes, it does.

BEFORE THE WYOMING PUBLIC SERVICE COMMISSION

IN THE MATTER OF THE APPLICATION OF)
POWDER RIVER ENERGY CORPORATION) DOCKET NO. 10014- 202-CR-19
FOR AUTHORITY TO IMPLEMENT A) (Record No. _____)
GENERAL RATE INCREASE OF \$7,030,045)
PER ANNUM AND REVISE TARIFFS)

**AFFIDAVIT, OATH AND VERIFICATION
OF DAVID W. HEDRICK**

STATE OF OKLAHOMA)
) SS
COUNTY OF OKLAHOMA)

I, David W. Hedrick, being of lawful age and being first duly sworn, hereby state:

1. My name is David W. Hedrick. I am the Executive Vice-President and Manager of the Analytical Services Group at C. H. Guernsey & Company, Engineers, Architects and Consultants. I have been retained by Powder River Energy Corporation to testify in this proceeding on its behalf.

2. Filed with the Wyoming Public Service Commission in the above-captioned proceeding and made a part hereof for all purposes is my direct testimony and exhibits, which have been prepared in written form for introduction into evidence in this proceeding. I have, by all necessary action, been duly authorized to file this testimony and make this Oath and Verification.

3. I hereby verify that all statements and information contained within the direct testimony and its attachments are true and complete to the best of my knowledge.

David W. Hedrick

David W. Hedrick
C. H. Guernsey & Company
5555 North Grand Boulevard
Oklahoma City, OK 73112-5507

The foregoing was acknowledged before me by David W. Hedrick on this 1
day of OCTOBER 2010 at CYNTIA in my hand and official seal. My commission expires:
10/25/20



Cynthia L. Cagle
Notary Public

SEAL

EXHIBIT DWH-1

DAVID W. HEDRICK – RESUME



ENGINEERS
ARCHITECTS
CONSULTANTS

DAVID W. HEDRICK
CHAIRMAN, PRINCIPAL /
MANAGER, ANALYTICAL SOLUTIONS
Page 1 of 7

EDUCATION:

M.B.A., Oklahoma City University, 1993
B.S., Mathematics, University of Central Oklahoma, 1986

PERTINENT EXPERIENCE:

Mr. Hedrick specializes in the development of revenue requirements, cost of service, rate design, and financial forecasts for retail electric, water, and wastewater utility systems. He is also responsible for the preparation of rate filings and has presented expert testimony before state regulators, including Arizona, Arkansas, Colorado, Oklahoma, Texas and Wyoming. Mr. Hedrick also has extensive experience in the development of wholesale rates and transmission revenue requirements. Mr. Hedrick routinely participates in additional analysis and provides support in areas such as line extension, pole attachment rates, solar and other renewable energy issues, territorial issues and mergers.

As Manager of the Analytical Solutions Group, Mr. Hedrick has oversight of all studies, analyses and filings that are developed by the group. He continues to represent clients before the appropriate regulatory authority and is responsible for the preparation of rate filings and other analytical studies.

SPECIFIC CONSULTING EXPERIENCE:

Acquisitions, Consolidations & Valuation Analysis

Mr. Hedrick has provided analytical support for consolidation studies in Oklahoma, Texas and Wyoming. In addition, he has been involved in the valuation analysis of utility assets for purposes of acquisition and determination of fair market value for clients in Oklahoma and Kansas.

Retail Rate Analysis, Cost of Service Studies, and Line Extension Analysis

Mr. Hedrick's rate analysis and cost of service experience includes the following:

Arizona

- Mohave Electric Cooperative - Regulated by Arizona Corporation Commission
- Navopache Electric Cooperative, Inc. - Regulated by Arizona Corporation Commission
- Sulphur Springs Valley Electric Cooperative, Inc. - Regulated by Arizona Corporation Comm.
- Trico Electric Cooperative, Inc. - Regulated by Arizona Corporation Commission

Arkansas

- Arkansas Valley Electric Cooperative Corporation - Regulated by Arkansas PSC and Oklahoma Corporation Commission
- Ouachita Electric Cooperative Corporation - Regulated by Arkansas PSC
- Ozarks Electric Cooperative Corporation - Regulated by Arkansas PSC



ENGINEERS
ARCHITECTS
CONSULTANTS

Colorado

- Colorado Rural Electric Association
- Delta-Montrose Electric Association
- Empire Electric Association, Inc.
- Grand Valley Rural Power Lines
- Holy Cross Electric Association, Inc.
- Mountain Parks Electric, Inc.
- Poudre Valley REA, Inc.
- San Luis Valley Rural Electric Cooperative, Inc.
- Yampa Valley Electric Cooperative, Inc.

Iowa

- Iowa Lakes Electric Cooperative, Inc.
- Midland Electric Cooperative, Inc.

Kansas

- Ark Valley Electric Cooperative Association
- CMS Electric Cooperative, Inc.
- Flint Hills Electric Cooperative, Inc.
- Lyon-Coffey Electric Cooperative
- City of Meade
- Ninnescah Rural Electric Cooperative Assn., Inc.
- Pioneer Electric Cooperative, Inc.
- Sedgwick County Electric Cooperative, Inc.
- Western Cooperative Electric Association, Inc.

Louisiana

- Claiborne Electric Cooperative

Mississippi

- Southern Pine EPA
- Yazoo Valley EPA

Montana

- Tongue River

Nebraska

- Dawson County Public Power District

New Mexico

- Farmers Electric Cooperative, Inc.
- Lea County Electric Cooperative, Inc.
- Mora-San Miguel Electric Cooperative, Inc.

North Carolina

- Union Power Cooperative, Inc.



ENGINEERS
ARCHITECTS
CONSULTANTS

DAVID W. HEDRICK
CHAIRMAN, PRINCIPAL /
MANAGER, ANALYTICAL SOLUTIONS
Page 3 of 7

Oklahoma

- City of Blackwell
- Caddo Electric Cooperative
- Canadian Valley Electric Cooperative, Inc.
- Central Rural Electric Cooperative, Inc.
- Choctaw Electric Cooperative, Inc.
- Cimarron Electric Cooperative, Inc.
- Cookson Hills Electric Cooperative, Inc.
- Cotton Electric Cooperative, Inc.
- City of Duncan
- East Central Oklahoma Electric Cooperative
- City of Ft. Supply
- Indian Electric Cooperative, Inc.
- Kay Electric Cooperative, Inc.
- City of Kingfisher
- Kiwash Electric Cooperative, Inc.
- Lake Region Electric Cooperative, Inc.
- City of Mangum
- City of Mooreland
- Northeast Oklahoma Electric Cooperative, Inc.
- Northfork Electric Cooperative
- Northwestern Electric Cooperative, Inc.
- Oklahoma Electric Cooperative, Inc.
- Peoples Electric Cooperative
- City of Ponca City
- Rural Electric Cooperative, Inc.
- Southeastern Electric Cooperative, Inc.
- Southwest Rural Electric Association
- Tri-County Electric Cooperative, Inc.
- Verdigris Valley Electric Cooperative

Texas

- Bailey County ECA
- Bandera Electric Cooperative, Inc.
- Big Country Electric Cooperative, Inc.
- Bluebonnet Electric Cooperative, Inc.
- Central Texas Electric Cooperative, Inc.
- Concho Valley Electric Cooperative, Inc.
- Cooke County Electric Cooperative Assn.
- CoServ Electric
- Deaf Smith Electric Cooperative, Inc.
- Fannin County Electric Cooperative, Inc.
- Farmers Electric Cooperative, Inc.
- Fort Belknap Electric Cooperative, Inc.
- Grayson-Collin Electric Cooperative, Inc.
- Greenbelt Electric Cooperative, Inc.
- HILCO Electric Cooperative, Inc.
- Jackson Electric Cooperative, Inc.
- Lamar County Electric Cooperative, Inc.



ENGINEERS
ARCHITECTS
CONSULTANTS

DAVID W. HEDRICK
CHAIRMAN, PRINCIPAL /
MANAGER, ANALYTICAL SOLUTIONS
Page 4 of 7

- Lighthouse Electric Cooperative, Inc.
- Lyntegar Electric Cooperative, Inc.
- Magic Valley Electric Cooperative, Inc.
- Medina Electric Cooperative, Inc.
- Navarro County Electric Cooperative, Inc.
- Navasota Valley Electric Cooperative, Inc.
- North Plains Electric Cooperative, Inc.
- Nueces Electric Cooperative, Inc.
- Pedernales Electric Cooperative, Inc.
- Rayburn Country Electric Cooperative, Inc.
- Rita Blanca Electric Cooperative, Inc.
- San Bernard Electric Cooperative, Inc.
- South Plains Electric Cooperative, Inc.
- Southwest Rural Electric Association, Inc., Okla.
- Southwest Texas Electric Cooperative, Inc.
- Swisher Electric Cooperative, Inc.
- Taylor Electric Cooperative, Inc.
- Texas Electric Cooperatives, Inc., Statewide Association
- Tri-County Electric Cooperative, Inc.
- Trinity Valley Electric Cooperative, Inc.
- United Cooperative Services
- Wharton County Electric Cooperative, Inc.
- Wise Electric Cooperative, Inc.

Utah

- Garkane Electric Cooperative, Inc.

Wyoming

- Big Horn REC - Regulated by Wyoming Public Service Commission until 2007
- Carbon Power & Light, Inc. - Regulated by Wyoming Public Service Commission until 2007
- High Plains Power, Inc. - Regulated by Wyoming Public Service Commission until 2007
- Powder River Energy Corporation - Regulated by Wyoming Public Service Commission
- Wyrulec Company - Regulated by Wyoming Public Service Commission until 2007

Wholesale Rate Analysis and Cost of Service Studies

- Allegheny Electric Cooperative, Harrisburg, Pennsylvania
- Arkansas Electric Cooperative Corporation
- Brazos Electric Cooperative, Waco, Texas
- Central Electric Power Cooperative, Columbia, South Carolina
- Corn Belt Power Cooperative, Humboldt, Iowa
- Kansas Electric Power Cooperative, Topeka, Kansas
- Golden Spread Electric Cooperative, Amarillo, Texas
- Grand River Dam Authority, Vinita, Oklahoma
- Minnkota Power Cooperative, Grand Forks, North Dakota



ENGINEERS
ARCHITECTS
CONSULTANTS

DAVID W. HEDRICK
CHAIRMAN, PRINCIPAL /
MANAGER, ANALYTICAL SOLUTIONS
Page 5 of 7

- North Carolina Electric Membership Corporation, North Carolina
- Oklahoma Municipal Power Authority, Edmond, Oklahoma
- Old Dominion Electric Cooperative, Richmond, Virginia
- Piedmont Municipal Power Authority, Greer, South Carolina
- Rayburn Country Electric Cooperative, Rockwall, Texas
- South Mississippi Electric Power Association, Hattiesburg, Mississippi
- Western Farmers Electric Cooperative, Anadarko, Oklahoma

Special Projects

Development of Distributed Generation Procedures and Guidelines Manual:

- Western Farmers Electric Cooperative, Anadarko, Oklahoma
- KAMO Electric, Vinita, Oklahoma
- Texas Electric Cooperatives, Austin, Texas

Energy Policy Act of 2005 / EISA 2007 - Testimony in Support of Cooperative Staff's Position in Consideration of new PURPA Standards:

- Central Rural Electric Cooperative, Stillwater, Oklahoma
- Cotton Electric Cooperative, Walters, Oklahoma
- Farmers Electric Cooperative, Greenville, Texas
- Grand River Dam Authority, Vinita, Oklahoma
- Grayson-Collin Electric Cooperative, Van Alstyne, Texas
- HILCO Electric Cooperative, Itasca, Texas
- Lake Region Electric Cooperative, Hulbert, Oklahoma
- Lyntegar Electric Cooperative, Tahoka, Texas
- Magic Valley Electric Cooperative, Mercedes, Texas
- Northwestern Electric Cooperative, Woodward, Oklahoma
- Oklahoma Electric Cooperative, Norman, Oklahoma
- Tri-County Electric Cooperative, Azle, Texas
- Tri-County Electric Cooperative, Hooker, Oklahoma
- United Electric Co-op Services, Cleburne, Texas

Testimony before Colorado State House and Senate Committees in support of the Colorado Rural Electrification Association with regard to HB1169, Mandating Net Metering for Electric Cooperatives, 2007.

A Fresh Look Analysis and Review of East Kentucky Power Cooperative on behalf of the members of EKPC as directed by the Kentucky Public Service Commission, 2011 -2012

Analysis of community solar resource options including vendor selection and contract negotiations. Development of community solar tariffs and member program agreements.

Testimony on behalf of the Grand Canyon Statewide Association and Sulphur Springs Valley Electric Cooperative in the Value of Solar Docket No. E-00000J-14-0023 before the Arizona Corporation Commission in 2016.

Testimony on behalf of the Texas Electric Cooperative Association in 2017, SOAH Docket No. 473-17-2691, PUC Docket No. 46734, opposing the request of Murphy Oil for the right to receive service from another utility by extension of a private network in contradiction to state law and Public Utility Commission rules.



ENGINEERS
ARCHITECTS
CONSULTANTS

DAVID W. HEDRICK
CHAIRMAN, PRINCIPAL /
MANAGER, ANALYTICAL SOLUTIONS
Page 6 of 7

Testimony on behalf of Northwestern Electric Cooperative in 2017 - 2019, Cause No. PUD201800021, opposing the application of lochem for approval to switch its load to another provider.

Testimony on behalf of CK Energy Electric Cooperative in 2018-2019, Cause No. PUD 201800075, for an order enjoining OG&E from serving or constructing electric facilities to serve and electric consuming facility in violation of the retail electric supplier act.

Testimony on behalf of Oklahoma Association of Electric Cooperatives in its intervention in OG&E's rate filing in 2019, to determine fair and reasonable rates and line extension allowable expenditures for competitive loads.

Education and Training

Mr. Hedrick provides educational seminars and training for cooperative staff and boards of directors, statewide associations, and professional organizations on the topics of Rate Analysis, Cost of Service, Rate Design, Line Extension Policy, and related issues.

Expert Witness

Mr. Hedrick has provided expert testimony related to the development of revenue requirements, cost of service, rate design, and special contract issues in Arizona, Arkansas, Oklahoma, Texas, and Wyoming.

Financial Forecasting & Analysis

Mr. Hedrick prepares and provides training in the development of financial forecast models for electric cooperatives and municipal utility systems.

Software Sales & Support

Mr. Hedrick provided assistance in the development of software for GUERNSEY's 10-year Financial Forecast, Cost of Service, and Financial Performance Analysis programs. Mr. Hedrick is proficient in the use of these software packages and provides support to client users.

Strategic Planning & Analysis

Mr. Hedrick has provided assistance to electric cooperative boards of directors in the development of strategic goals and objectives.

Publications and Presentations:

Articles:

Hedrick, David W. "Retail Rate Development: The Role of the Cooperative Board." *Management Quarterly*, published by NRECA's Education and Training Department. (Spring 2005): 20-35.

Presentations Made by Mr. Hedrick:

"Assessing the Impact of DG and Evaluating Community Solar" Webinar presented by CoBank in conjunction with the National Energy Solutions Institute and Smart Energy Source Association, March 2015



ENGINEERS
ARCHITECTS
CONSULTANTS

Exhibit DWH-1

DAVID W. HEDRICK
CHAIRMAN, PRINCIPAL /
MANAGER, ANALYTICAL SOLUTIONS
Page 7 of 7

"Knowledge is Power: Financial Forecasting." Seminar written and presented by Guernsey personnel annually since 2006 in Oklahoma City, Okla. Mr. Hedrick has been a presenter for this seminar numerous times.

"Knowledge is Power: Understanding Rates and Cost of Service." Seminar written and presented by Guernsey personnel annually since 2005, in Oklahoma City, Okla., as well as other locations. Mr. Hedrick has been a presenter numerous times.

"Distributed Generation Net Metering Issues." Written for and presented at *TEC Engineers Association Annual Meeting*. September 2006.

"Net Metering Issues." Written for and presented at *G&T Planners Association Meeting*, Tucson, Arizona, September 2006.

"Development of Distributed Generation Policies and Procedures." Written and presented for *Texas Electric Cooperatives' Managers Meeting*. San Antonio, Texas, December 2, 2004.

"Rate Design in a Restructured Environment." Written and presented for *Texas Electric Cooperatives Accountants Association*. Austin, Texas, April 19, 2000.

EXPERIENCE RECORD:

1981-Present - C. H. Guernsey & Company, Oklahoma City, Oklahoma

- 2019 -Present - Chairman of the Board, Principal for Guernsey
- 2016 - 2019 - Executive Vice President, Principal for Guernsey
- 2012 - 2016 - Sr. Vice President, Principal for Guernsey
- 2008 - 2012 - Vice President, Manager, Analytical Solutions Group

EXHIBIT DWH-2

RATE ANALYSIS AND COST OF SERVICE STUDY

POWDER RIVER ENERGY CORPORATION
RATE ANALYSIS AND COST OF SERVICE STUDY
SEPTEMBER 2019

TABLE OF CONTENTS

SECTION A

A-1.0	Income Statement
A-2.0	Summary of Adjustments
A-3.0	Operating Expenses
A-3.1	Payroll Expensed
A-3.2	Employee Benefits Expensed
A-3.3	Payroll Taxes Expensed
A-4.0	Revenue
A-5.0	Purchased Power
A-6.0	Bad Debt Expense
A-7.0	Payroll
A-8.0	Summary of Benefits
A-8.1	Medical, Dental and Vision
A-8.2	Life Insurance
A-8.3	Short-Term and Long-Term Disability
A-8.4	Retirement Plant
A-8.5	401K Retirement Plant
A-8.6	Post Retirement Benefits
A-9.0	Workers Compensation
A-10.0	Rate Case Expense
A-11.0	Depreciation Expense
A-12.0	Property Tax
A-13.0	Summary of Payroll Taxes and Workers Comp
A-13.1	Workers Compensation
A-13.2	FICA Taxes
A-13.3	State Unemployment Taxes
A-13.4	Federal Unemployment Taxes
A-14.0	Regulatory Accounting Entries
A-15.0	Interest on Long-Term Debt
A-16.0	Interest- Other and Other Income
A-17.0	Other Deductions - Donations

SECTION B

B-1.0	Rate Base
B-2.0	Cash Working Capital
B-3.0	Average Materials & Supplies, Prepayments and Consumer Deposits
B-3.1	Customer Deposits by Type and Rate Class

POWDER RIVER ENERGY CORPORATION
RATE ANALYSIS AND COST OF SERVICE STUDY
SEPTEMBER 2019

TABLE OF CONTENTS

SECTION C

- C-1.0 Balance Sheet
- C-2.0 Plant Balances
- C-3.0 Accumulated Depreciation
- C-4.0 Other Revenue
- C-5.0 Summary of Revenue and Bad Debt Write-Offs
- C-6.0 Historical Payroll
- C-6.1 O&M Expense Ratios

SECTION D

- D-1.0 Growth Rate in Net Plant
- D-2.0 System Capitalization
- D-3.0 Long-Term Debt
- D-4.0 Weighted Interest Rate
- D-5.0 Capital Credits Retired
- D-6.0 Patronage Capital

SECTION E INTENTIONALLY LEFT BLANK

SECTION F USAGE DATA

- F-1.0 Actual Consumers by Rate Schedule
- F-1.1 Adjusted Consumers by Rate Schedule
- F-2.0 Actual kWh Sold by Rate Schedule
- F-2.1 Budget kWh Sold with Actual Through May 2019 by Rate Schedule
- F-3.0 Revenue by Rate Schedule
- F-3.1 Actual Base Revenue by Rate Schedule
- F-3.2 Actual COPA Revenue by Rate Schedule
- F-4.0 Calculation of Adjusted Revenue under Approved Rates
- F-5.0 Calculation of Adjusted COPA Revenue with Approved Base Power Cost
- F-6.0 Adjusted Demand

POWDER RIVER ENERGY CORPORATION
 RATE ANALYSIS AND COST OF SERVICE STUDY
 SEPTEMBER 2019

TABLE OF CONTENTS

SECTION G

- G-1.0 Actual Purchased Power Summary
- G-1.1 Actual Purchased Power
- G-1.2 Actual Purchased Power for LPT
- G-1.3 Actual Purchased Power for LPT CBM
- G-1.4 Actual Purchased Power for LPT General
- G-2.0 Adjusted Purchased Power Summary
- G-2.1 Adjusted Purchased Power
- G-2.2 Adjusted Purchased Power for LPT
- G-2.3 Adjusted Purchased Power for LPT CBM
- G-2.4 Adjusted Purchased Power for LPT General

SECTION H

- H-1.0 Existing Rates - Cost Allocation Summary
- H-1.1 Existing Rates - Cost of Service Allocation - Rate Base
- H-1.2 Existing Rates - Cost of Service Allocation - Interest
- H-2.0 Proposed Rates - Cost Allocation Summary

SECTION I

- I-1.0 Existing Rates - Allocation Factors
- I-2.0 Derivation of Allocation Factors
- I-3.0 Allocation of Monthly System Demand
- I-4.0 Development of Monthly Class Demand Allocation

SECTION J

- J-1.0 Existing Rates - Cost of Service Allocation - Plant with CIAC
- J-2.0 Existing Rates - Cost of Service Allocation - Plant
- J-3.0 Summary of Direct Assignments
- J-3.1 Summary of Contributions in Aid of Construction
- J-4.0 Summary of Account 364 and 365
- J-5.0 Summary of Account 368
- J-6.0 Consumers by Phase

SECTION K

- K-1.0 Existing Rates - Cost of Service Allocation - Revenues

POWDER RIVER ENERGY CORPORATION
 RATE ANALYSIS AND COST OF SERVICE STUDY
 SEPTEMBER 2019

TABLE OF CONTENTS

SECTION L

- L-1.0 Existing Rates - Cost of Service Allocation - Expenses
- L-1.1 Existing Rates - Cost of Service Allocation - Payroll

SECTION M UNBUNDLED COSTS WITH RETURN ON RATE BASE

- M-1.0 Summary of Components of Expenses
- M-2.0 Components of Expenses

SECTION N PROPOSED RATES

- N-1.0 Summary of Rate Change
- N-2.0 Calculation of Proposed Revenue
- N-3.0 Calculation of Proposed COPA Revenue

SECTION O BILLING COMPARISONS OF EXISTING AND PROPOSED RATES

- O-1.0 Summary of Rates
- O-2.0 Residential
 - O-2.1 Seasonal
- O-3.0 General Service
- O-4.0 General Service CBM
- O-5.0 Irrigation
- O-6.0 Large Power
- O-7.0 Large Power - CBM Secondary
- O-8.0 Large Power Transmission
- O-9.0 Large Power Transmission - CBM
- O-10.0 Lighting

SECTION P CUSTOMER DATA

- Irrigation
- Large Power - Secondary
- Large Power - Primary

SECTION Q CUSTOMER DATA

- Large Power CBM - Secondary
- Large Power CBM - Primary

POWDER RIVER ENERGY CORPORATION
INCOME STATEMENT
FOR DECEMBER 31, 2018

	Test Year 12/31/18	Adjustments	Adjusted Test Year	Target Rate Change	Adjusted TY With Target Rate Change	Proposed Rate Change	Adjusted TY With Proposed Rate Change
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Operating Revenues							
Base Revenue	\$ 166,437,238	\$ (12,127,411)	\$ 154,309,827	\$ 16,897,604	\$ 171,207,431	\$ 15,506,401	\$ 169,816,228
COPA	10,202,928	(1,715,908)	8,487,020	(8,476,356)	10,664	(8,476,356)	10,664
Deferred Revenue	0	0	0	0	0	0	0
Other	3,411,190	(164,702)	3,246,488	0	3,246,488	0	3,246,488
Total	\$ 180,051,356	\$ (14,008,021)	\$ 166,043,335	\$ 8,421,248	\$ 174,464,583	\$ 7,030,045	\$ 173,073,380
Operating Expenses							
Purchased Power	\$ 139,808,705	\$ (12,887,025)	\$ 126,921,680	\$	\$ 126,921,680	\$	\$ 126,921,680
Transmission O&M	1,528,401	15,148	1,543,549		1,543,549		1,543,549
Distribution-Ops	6,656,962	133,985	6,790,947		6,790,947		6,790,947
Distribution-Maint.	4,195,620	98,935	4,294,555		4,294,555		4,294,555
Cons Acctg	2,456,009	45,900	2,501,909		2,501,909		2,501,909
Cust Service	53,020	88	53,108		53,108		53,108
Sales	4,955	111	5,066		5,066		5,066
Admin & General	6,170,748	97,573	6,268,321		6,268,321		6,268,321
Depreciation	10,745,460	(369,496)	10,375,964		10,375,964		10,375,964
Tax	562,712	0	562,712		562,712		562,712
Total	\$ 172,182,592	\$ (12,864,782)	\$ 159,317,810	\$ 0	\$ 159,317,810	\$ 0	\$ 159,317,810
Return	\$ 7,868,764	\$ (1,143,239)	\$ 6,725,525	\$ 8,421,248	\$ 15,146,773	\$ 7,030,045	\$ 13,755,570
Interest & Other Deductions							
Interest on L-T Debt	\$ 6,230,814	\$ 210,714	\$ 6,441,528	\$	\$ 6,441,528	\$	\$ 6,441,528
Interest-Other	446,054	157,134	603,188		603,188		603,188
Other Deductions	265,008	(138,616)	126,392		126,392		126,392
Total	\$ 6,941,876	\$ 229,232	\$ 7,171,108	\$ 0	\$ 7,171,108	\$ 0	\$ 7,171,108
Operating Margin	\$ 926,888	\$ (1,372,471)	\$ (445,583)	\$ 8,421,248	\$ 7,975,665	\$ 7,030,045	\$ 6,584,462
Non-Operating Margins							
Interest Income	\$ 2,223,095	\$	\$ 2,223,095	\$	\$ 2,223,095	\$	\$ 2,223,095
Other Margins	25,350		25,350		25,350		25,350
G&T Capital Credits	19,782,308		19,782,308		19,782,308		19,782,308
Other Capital Credits	255,108		255,108		255,108		255,108
Total	\$ 22,285,861	\$ 0	\$ 22,285,861	\$ 0	\$ 22,285,861	\$ 0	\$ 22,285,861
Net Margins	\$ 23,212,749	\$ (1,372,471)	\$ 21,840,278	\$ 8,421,248	\$ 30,261,526	\$ 7,030,045	\$ 28,870,323
Operating TIER	1.15		0.93		2.24		2.02
RUS OTIER	2.15		0.94		2.25		2.03
DSC	2.88		2.92		3.56		3.46
RUS ODSC	1.73		1.24		1.88		1.78
CFC DSC	1.89		1.41		2.05		1.94
Net TIER	4.73		4.39		5.70		5.48
Rate of Return	3.67%		3.31%		7.459841%		6.774668%
Rate Base	\$ 214,208,694	\$ (11,164,503)	\$ 203,044,190	\$ 0	\$ 203,044,190	\$ 0	\$ 203,044,190
Principal Payments	7,736,426	(958,130)	6,778,296		6,778,296		6,778,296
Percent Increase					5.07%		4.23%

Schedule A-1.0

PRECorp/2019 General Rate Case
HA000816

POWDER RIVER ENERGY CORPORATION

SUMMARY OF ADJUSTMENTS

1. Operating Revenues	
Base Revenue	\$ (12,127,411)
COPA Revenue	(1,715,908)
Other Revenue	(164,702)
Total	\$ <u>(14,008,021)</u>
2. Operating Expenses	
Purchased Power	\$ (12,887,025)
Payroll	307,708
Benefits	43,179
Payroll Tax	20,614
Property Tax	20,240
Depreciation	(369,496)
Total	\$ <u>(12,864,781)</u>
3. Interest on Long-Term Debt & Other Deductions	
Interest on Long-Term Debt	\$ 210,714
Interest Other	157,134
Other Deductions	(138,616)
Total Interest on LT Debt and Other	\$ <u>229,232</u>
4. Operating Expenses - Detail	
Purchased Power	
Purchased Power	\$ (12,887,025)
Transmission O&M	
Payroll	9,710
Benefits	1,237
Payroll Tax	680
Property Tax	3,521
Total	\$ <u>15,148</u>

POWDER RIVER ENERGY CORPORATION

SUMMARY OF ADJUSTMENTS

5. Operating Expenses - Detail (Continued)	
Distribution-Operations	
Payroll	98,947
Benefits	13,713
Payroll Tax	6,876
Property Tax	14,448
Total	\$ <u>133,985</u>
Distribution-Maintenance	
Payroll	83,467
Benefits	10,051
Payroll Tax	5,417
Total	\$ <u>98,935</u>
Consumer Accounting	
Payroll	36,903
Benefits	6,450
Payroll Tax	2,547
Total	\$ <u>45,900</u>
Customer Service	
Payroll	72
Benefits	12
Payroll Tax	5
Total	\$ <u>89</u>
Sales	
Payroll	93
Benefits	12
Payroll Tax	5
Total	\$ <u>110</u>
Administrative & General	
Payroll	78,516
Benefits	11,703
Payroll Tax	5,084
Rate Case	(0)
Property Tax	2,271
Total	\$ <u>97,573</u>
Depreciation	\$ <u>(369,496)</u>
Total Operating Expenses	\$ <u>(12,864,781)</u>

POWDER RIVER ENERGY CORPORATION
ADJUSTED OPERATING EXPENSES
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	Test Year 12/31/2018	Purchased Power	Payroll	Benefits	Payroll Taxes	Other	Adjusted Test Year
<u>Purchased Power</u>							
555.00 Purchased Power w/o Credit	\$ 139,808,705	\$ (12,887,025)	\$	\$	\$	\$	\$ 126,921,680
<u>Transmission Operations</u>							
560.00 Supervision	\$ 206,628	\$	\$ 4,942	\$ 638	\$ 338	\$	\$ 212,547
561.00 Load Dispatching	61,438		1,629	195	116		63,378
562.00 Station Expense	327,946		210	25	14	1,799	329,996
563.00 OH Line Expense	100,724		79	9	5	1,722	102,539
565.00 Trans of Elec by Others	46,831		0	0	0		46,831
566.00 Misc Trans Expense	242,816		139	18	10		242,983
Total	\$ 986,384	\$ 0	\$ 7,000	\$ 885	\$ 483	\$ 3,521	\$ 998,273
<u>Transmission Maintenance</u>							
568.00 Maint. Supervision	\$ 0	\$	\$ 0	\$ 0	\$ 0	\$	\$ 0
570.00 Maint. of Station Equip.	313,269		1,289	167	95		314,820
571.00 Maint. of Transmission Lines	228,748		1,421	184	102		230,455
573.00 Maint. of Meters	0		0	0	0		0
Total	\$ 542,017	\$ 0	\$ 2,709	\$ 352	\$ 197	\$ 0	\$ 545,275
<u>Distribution-Operations</u>							
580.00 Supervision & Engineering	\$ 932,804	\$	\$ 20,830	\$ 3,226	\$ 1,507	\$ 0	\$ 958,367
582.00 Station Expenses	218,788		1,086	136	77	1,706	221,793
583.00 Overhead Line	1,084,368		7,804	1,181	544	10,601	1,104,497
584.00 Underground Expenses	271,523		87	8	6	986	272,609
585.00 Street Lighting	11,882		270	29	17		12,199
586.00 Meter Expense	1,130,326		21,607	2,900	1,462	1,156	1,157,451
587.00 Customer Installations	34,002		765	82	51		34,900
588.00 Miscellaneous	2,925,521		46,497	6,152	3,213		2,981,383
589.00 Rent	47,747		0	0	0		47,747
Total	\$ 6,656,962	\$ 0	\$ 98,947	\$ 13,713	\$ 6,876	\$ 14,448	\$ 6,790,947
<u>Distribution-Maintenance</u>							
590.00 Supervision & Engineering	\$ 40,868	\$	\$ 939	\$ 153	\$ 69	\$	\$ 42,028
592.00 Station Equipment	647,382		9,357	1,103	618		658,459
593.00 Maint. of Overhead Lines	3,321,920		69,240	8,320	4,475		3,403,955
594.00 Maint. of Underground Lines	128,882		3,042	348	197		132,469
595.00 Maint. of Line Transformers	19,606		344	57	23		20,030
596.00 Maint. Street Light & Signal Systems	0		0	0	0		0
597.00 Maint. of Meters	36,961		546	70	36		37,614
598.00 Miscellaneous	0		0	0	0		0
Total	\$ 4,195,620	\$ 0	\$ 83,467	\$ 10,051	\$ 5,417	\$ 0	\$ 4,294,555

POWDER RIVER ENERGY CORPORATION
ADJUSTED OPERATING EXPENSES
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	Test Year 12/31/2018	Purchased Power	Payroll	Benefits	Payroll Taxes	Other	Adjusted Test Year
<u>Consumer Accounting</u>							
901.00 Supervision	\$ 257,588	\$	\$ 5,903	\$ 967	\$ 414	\$	\$ 264,872
902.00 Meter Reading	435,529		5,127	768	352		441,776
903.00 Customer Records	1,762,892		25,873	4,715	1,782		1,795,262
904.00 Uncollectibles	0		0	0	0	0	0
Total	<u>\$ 2,456,009</u>	<u>\$ 0</u>	<u>\$ 36,903</u>	<u>\$ 6,450</u>	<u>\$ 2,547</u>	<u>\$ 0</u>	<u>\$ 2,501,909</u>
<u>Customer Service</u>							
908.00 Customer Assistance	\$ 29,355	\$	\$ 15	\$ 2	\$ 1	\$	\$ 29,373
909.00 Information	23,664		57	10	4		23,735
Total	<u>\$ 53,020</u>	<u>\$ 0</u>	<u>\$ 72</u>	<u>\$ 12</u>	<u>\$ 5</u>	<u>\$ 0</u>	<u>\$ 53,108</u>
<u>Sales</u>							
912.00 Demonstrating & Selling	\$ 4,955	\$	\$ 93	\$ 12	\$ 5	\$	\$ 5,066
913.00 Advertising	0		0	0	0		0
Total	<u>\$ 4,955</u>	<u>\$ 0</u>	<u>\$ 93</u>	<u>\$ 12</u>	<u>\$ 5</u>	<u>\$ 0</u>	<u>\$ 5,066</u>
<u>Administrative & General</u>							
920.00 Salaries	\$ 2,788,562	\$	\$ 69,121	\$ 10,094	\$ 4,389	\$ 0	\$ 2,872,165
921.00 Office Supplies & Expenses	1,247,911		574	(3)	47	0	1,248,528
923.00 Outside Services	350,072		0	0	0	0	350,072
925.00 Injuries & Damages	354,439		3,480	610	248	0	358,777
926.00 Pensions and Benefits	4,518					0	4,518
928.00 Regulatory Commission	246,421		322	56	25	(0)	246,824
930.00 Miscellaneous	1,010,123		4,035	651	227	2,271	1,017,308
932.00 Maint. of General Plant	168,703		985	294	149	0	170,130
Total	<u>\$ 6,170,748</u>	<u>\$ 0</u>	<u>\$ 78,516</u>	<u>\$ 11,703</u>	<u>\$ 5,084</u>	<u>\$ 2,271</u>	<u>\$ 6,268,321</u>
<u>Depreciation</u>							
403.10 Transmission	\$ 2,065,155	\$	\$	\$	\$	\$ (40,296)	\$ 2,024,859
403.20 Distribution	7,131,465					(17,498)	7,113,967
403.40 General	1,109,333					(12,247)	1,097,086
403.50 Capital Leases	8,441					(3,477)	4,964
405.10 Amort of Land Rights - Trans	38,585					(10,031)	28,554
405.20 Amort of Land Rights - Distr	95,755					652	96,407
405.30 Amort of Other Elec Plant - Carr Draw	14,730					(4,603)	10,127
Subtotal Depreciation	10,463,464					(87,500)	10,375,964
407.30 Regulatory Debits	2,189,065					(2,189,065)	0
407.40 Regulatory Credits	(1,907,068)					1,907,068	0
Total	<u>\$ 10,745,460</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ (369,496)</u>	<u>\$ 10,375,964</u>
<u>Taxes</u>							
408.10 Property	\$ 0	\$	\$	\$	\$	\$ 0	\$ 0
408.50 Franchise Tax	95,220					0	95,220
408.60 Public Utility Tax	467,121					0	467,121
408.70 Other Taxes	372					0	372
Total	<u>\$ 562,712</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 562,712</u>
Total Operating Expenses	<u>\$ 172,182,591</u>	<u>\$ (12,887,025)</u>	<u>\$ 307,708</u>	<u>\$ 43,179</u>	<u>\$ 20,614</u>	<u>\$ (349,256)</u>	<u>\$ 159,317,810</u>

POWDER RIVER ENERGY CORPORATION
PAYROLL EXPENSED
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>Test Year Expense</u>	<u>Adjustment</u>	<u>Adjusted Test Year</u>
<u>Purchased Power</u>			
555.00 Purchased Power	\$ 0.00	\$ 0.00	\$ 0.00
<u>Transmission Operations</u>			
560.00 Supervision	\$ 99,934.79	\$ 4,942.38	\$ 104,877.17
561.00 Load Dispatching	32,936.16	1,628.89	34,565.05
562.00 Station Expense	4,251.51	210.26	4,461.77
563.00 OH Line Expense	1,601.42	79.20	1,680.62
565.00 Trans of Elec by Others	0.00	0.00	0.00
566.00 Misc Trans Expense	2,819.95	139.46	2,959.41
Total	\$ 141,543.83	\$ 7,000.20	\$ 148,544.03
<u>Transmission Maintenance</u>			
568.00 Maint. Supervision	\$ 0.00	\$ 0.00	\$ 0.00
570.00 Maint. of Station Equip.	26,059.75	1,288.81	27,348.56
571.00 Maint. of Transmission Lines	28,724.06	1,420.58	30,144.64
573.00 Maint. of Meters			
Total	\$ 54,783.81	\$ 2,709.39	\$ 57,493.20
<u>Distribution-Operations</u>			
580.00 Supervision & Engineering	\$ 421,181.58	\$ 20,829.97	\$ 442,011.55
582.00 Station Expenses	21,967.04	1,086.40	23,053.44
583.00 Overhead Line	157,798.37	7,804.08	165,602.45
584.00 Underground Expenses	1,765.14	87.30	1,852.44
585.00 Street Lighting	5,465.88	270.32	5,736.20
586.00 Meter Expense	436,893.03	21,607.00	458,500.03
587.00 Customer Installations	15,465.90	764.88	16,230.78
588.00 Miscellaneous	940,174.07	46,497.28	986,671.35
589.00 Rent	0.00	0.00	0.00
Total	\$ 2,000,711.01	\$ 98,947.22	\$ 2,099,658.23

POWDER RIVER ENERGY CORPORATION
PAYROLL EXPENSED
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>Test Year Expense</u>	<u>Adjustment</u>	<u>Adjusted Test Year</u>
<u>Distribution-Maintenance</u>			
590.00 Supervision & Engineering	\$ 18,987.37	\$ 939.04	\$ 19,926.41
592.00 Station Equipment	189,188.59	9,356.52	198,545.11
593.00 Maint. of Overhead Lines	1,400,021.83	69,239.52	1,469,261.35
594.00 Maint. of Underground Lines	61,499.54	3,041.52	64,541.06
595.00 Maint. of Line Transformers	6,965.44	344.48	7,309.92
596.00 Maint. Street Light & Signal Systems	0.00	0.00	0.00
597.00 Maint. of Meters	11,041.17	546.05	11,587.22
598.00 Miscellaneous	0.00	0.00	0.00
Total	<u>\$ 1,687,703.94</u>	<u>\$ 83,467.14</u>	<u>\$ 1,771,171.08</u>
<u>Consumer Accounting</u>			
901.00 Supervision	\$ 119,355.32	\$ 5,902.84	\$ 125,258.16
902.00 Meter Reading	103,668.19	5,127.02	108,795.21
903.00 Customer Records	523,160.97	25,873.46	549,034.43
904.00 Uncollectibles	0.00	0.00	0.00
Total	<u>\$ 746,184.48</u>	<u>\$ 36,903.32</u>	<u>\$ 783,087.80</u>
<u>Customer Service</u>			
908.00 Customer Assistance	\$ 301.71	\$ 14.92	\$ 316.63
909.00 Information	1,148.96	56.82	1,205.78
Total	<u>\$ 1,450.67</u>	<u>\$ 71.74</u>	<u>\$ 1,522.41</u>
<u>Sales</u>			
912.00 Demonstrating & Selling	\$ 1,877.73	\$ 92.87	\$ 1,970.60
913.00 Advertising	0.00	0.00	0.00
Total	<u>\$ 1,877.73</u>	<u>\$ 92.87</u>	<u>\$ 1,970.60</u>
<u>Administrative & General</u>			
920.00 Salaries	\$ 1,397,619.98	\$ 69,120.74	\$ 1,466,740.72
921.00 Office Supplies & Expenses	11,602.39	573.81	12,176.20
923.00 Outside Services	0.00	0.00	0.00
925.00 Injuries & Damages	70,361.78	3,479.81	73,841.59
928.00 Regulatory Commission	6,508.74	321.90	6,830.64
930.00 Miscellaneous	81,587.85	4,035.01	85,622.86
932.00 Maint. of General Plant	19,910.15	984.68	20,894.83
Total	<u>\$ 1,587,590.89</u>	<u>\$ 78,515.94</u>	<u>\$ 1,666,106.83</u>
Total Expensed to O&M	<u>\$ 6,221,846.36</u>	<u>\$ 307,707.82</u>	<u>\$ 6,529,554.18</u>

Schedule A-3.1
Page 2 of 2

POWDER RIVER ENERGY CORPORATION
BENEFITS EXPENSED
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>Test Year Expense</u>	<u>Adjustment</u>	<u>Adjusted Test Year</u>
<u>Purchased Power</u>			
555.00 Purchased Power	\$ 0.00	\$ 0.00	\$ 0.00
<u>Transmission Operations</u>			
560.00 Supervision	\$ 56,886.76	\$ 638.19	\$ 57,524.95
561.00 Load Dispatching	17,361.11	194.77	17,555.88
562.00 Station Expense	2,266.00	25.42	2,291.42
563.00 OH Line Expense	829.62	9.31	838.93
565.00 Trans of Elec by Others	0.00	0.00	0.00
566.00 Misc Trans Expense	1,582.89	17.76	1,600.65
Total	\$ 78,926.38	\$ 885.44	\$ 79,811.82
<u>Transmission Maintenance</u>			
568.00 Maint. Supervision	\$ 0.00	\$ 0.00	\$ 0.00
570.00 Maint. of Station Equip.	14,912.73	167.30	15,080.03
571.00 Maint. of Transmission Lines	16,422.26	184.23	16,606.49
573.00 Maint. of Meters			
Total	\$ 31,334.99	\$ 351.53	\$ 31,686.52
<u>Distribution-Operations</u>			
580.00 Supervision & Engineering	\$ 287,601.32	\$ 3,226.48	\$ 290,827.80
582.00 Station Expenses	12,123.33	136.01	12,259.34
583.00 Overhead Line	105,236.38	1,180.60	106,416.98
584.00 Underground Expenses	677.24	7.60	684.84
585.00 Street Lighting	2,597.03	29.13	2,626.16
586.00 Meter Expense	258,487.72	2,899.87	261,387.59
587.00 Customer Installations	7,285.04	81.73	7,366.77
588.00 Miscellaneous	548,372.31	6,151.96	554,524.27
589.00 Rent	0.00	0.00	0.00
Total	\$ 1,222,380.37	\$ 13,713.37	\$ 1,236,093.74

POWDER RIVER ENERGY CORPORATION

**BENEFITS EXPENSED
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018**

	<u>Test Year Expense</u>	<u>Adjustment</u>	<u>Adjusted Test Year</u>
<u>Distribution-Maintenance</u>			
590.00 Supervision & Engineering	\$ 13,601.56	\$ 152.59	\$ 13,754.15
592.00 Station Equipment	98,323.74	1,103.05	99,426.79
593.00 Maint. of Overhead Lines	741,646.76	8,320.22	749,966.98
594.00 Maint. of Underground Lines	30,986.12	347.62	31,333.74
595.00 Maint. of Line Transformers	5,104.96	57.27	5,162.23
596.00 Maint. Street Light & Signal Systems	0.00	0.00	0.00
597.00 Maint. of Meters	6,273.82	70.38	6,344.20
598.00 Miscellaneous	0.00	0.00	0.00
Total	\$ <u>895,936.96</u>	\$ <u>10,051.14</u>	\$ <u>905,988.10</u>
<u>Consumer Accounting</u>			
901.00 Supervision	\$ 86,229.31	\$ 967.37	\$ 87,196.68
902.00 Meter Reading	68,474.38	768.19	69,242.57
903.00 Customer Records	420,241.47	4,714.51	424,955.98
904.00 Uncollectibles	0.00	0.00	0.00
Total	\$ <u>574,945.16</u>	\$ <u>6,450.07</u>	\$ <u>581,395.23</u>
<u>Customer Service</u>			
908.00 Customer Assistance	\$ 171.97	\$ 1.93	\$ 173.90
909.00 Information	901.60	10.11	911.71
Total	\$ <u>1,073.57</u>	\$ <u>12.04</u>	\$ <u>1,085.61</u>
<u>Sales</u>			
912.00 Demonstrating & Selling	\$ 1,098.34	\$ 12.32	\$ 1,110.66
913.00 Advertising	0.00	0.00	0.00
Total	\$ <u>1,098.34</u>	\$ <u>12.32</u>	\$ <u>1,110.66</u>
<u>Administrative & General</u>			
920.00 Salaries	\$ 899,759.00	\$ 10,094.02	\$ 909,853.02
921.00 Office Supplies & Expenses	-298.91	-3.35	-302.26
923.00 Outside Services	0.00	0.00	0.00
925.00 Injuries & Damages	54,409.23	610.39	55,019.62
928.00 Regulatory Commission	5,007.05	56.17	5,063.22
930.00 Miscellaneous	58,062.09	651.37	58,713.46
932.00 Maint. of General Plant	26,204.04	293.97	26,498.01
Total	\$ <u>1,043,142.50</u>	\$ <u>11,702.58</u>	\$ <u>1,054,845.08</u>
Total Expensed to O&M	\$ <u><u>3,848,838.27</u></u>	\$ <u><u>43,178.50</u></u>	\$ <u><u>3,892,016.77</u></u>

Schedule A-3.2

Page 2 of 2

POWDER RIVER ENERGY CORPORATION

**PAYROLL TAXES AND WORKERS' COMPENSATION
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018**

	<u>Test Year Expense</u>	<u>Adjustment</u>	<u>Adjusted Test Year</u>
<u>Purchased Power</u>			
555.00 Purchased Power	\$ 0.00	\$ 0.00	\$ 0.00
<u>Transmission Operations</u>			
560.00 Supervision	\$ 9,739.61	\$ 337.91	\$ 10,077.52
561.00 Load Dispatching	3,336.47	115.76	3,452.23
562.00 Station Expense	413.70	14.35	428.05
563.00 OH Line Expense	147.15	5.11	152.26
565.00 Trans of Elec by Others	0.00	0.00	0.00
566.00 Misc Trans Expense	280.04	9.72	289.76
Total	\$ 13,916.97	\$ 482.84	\$ 14,399.81
<u>Transmission Maintenance</u>			
568.00 Maint. Supervision	\$ 0.00	\$ 0.00	\$ 0.00
570.00 Maint. of Station Equip.	2,747.35	95.32	2,842.67
571.00 Maint. of Transmission Lines	2,943.10	102.11	3,045.21
573.00 Maint. of Meters	0.00	0.00	2,943.10
Total	\$ 5,690.45	\$ 197.43	\$ 8,830.98
<u>Distribution-Operations</u>			
580.00 Supervision & Engineering	\$ 43,442.48	\$ 1,507.22	\$ 44,949.70
582.00 Station Expenses	2,208.27	76.61	2,284.88
583.00 Overhead Line	15,667.15	543.57	16,210.72
584.00 Underground Expenses	162.60	5.64	168.24
585.00 Street Lighting	484.04	16.79	500.83
586.00 Meter Expense	42,150.68	1,462.40	43,613.08
587.00 Customer Installations	1,473.30	51.12	1,524.42
588.00 Miscellaneous	92,602.90	3,212.82	95,815.72
589.00 Rent	0.00	0.00	0.00
Total	\$ 198,191.42	\$ 6,876.17	\$ 205,067.59

POWDER RIVER ENERGY CORPORATION
PAYROLL TAXES AND WORKERS' COMPENSATION
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>Test Year</u> <u>Expense</u>	<u>Adjustment</u>	<u>Adjusted</u> <u>Test Year</u>
<u>Distribution-Maintenance</u>			
590.00 Supervision & Engineering	\$ 1,974.42	\$ 68.50	\$ 2,042.92
592.00 Station Equipment	17,802.91	617.66	18,420.57
593.00 Maint. of Overhead Lines	128,979.56	4,474.89	133,454.45
594.00 Maint. of Underground Lines	5,687.22	197.32	5,884.54
595.00 Maint. of Line Transformers	653.36	22.67	676.03
596.00 Maint. Street Light & Signal Systems	0.00	0.00	0.00
597.00 Maint. of Meters	1,027.40	35.65	1,063.05
598.00 Miscellaneous	0.00	0.00	0.00
Total	\$ <u>156,124.87</u>	\$ <u>5,416.69</u>	\$ <u>161,541.56</u>
<u>Consumer Accounting</u>			
901.00 Supervision	\$ 11,919.50	\$ 413.54	\$ 12,333.04
902.00 Meter Reading	10,139.84	351.80	10,491.64
903.00 Customer Records	51,352.74	1,781.66	53,134.40
904.00 Uncollectibles	0.00	0.00	0.00
Total	\$ <u>73,412.08</u>	\$ <u>2,547.00</u>	\$ <u>75,959.08</u>
<u>Customer Service</u>			
908.00 Customer Assistance	\$ 36.36	\$ 1.26	\$ 37.62
909.00 Information	102.94	3.57	106.51
Total	\$ <u>139.30</u>	\$ <u>4.83</u>	\$ <u>144.13</u>
<u>Sales</u>			
912.00 Demonstrating & Selling	\$ 147.61	\$ 5.12	\$ 152.73
913.00 Advertising	0.00	0.00	0.00
Total	\$ <u>147.61</u>	\$ <u>5.12</u>	\$ <u>152.73</u>
<u>Administrative & General</u>			
920.00 Salaries	\$ 126,490.43	\$ 4,388.53	\$ 130,878.96
921.00 Office Supplies & Expenses	1,355.53	47.03	1,402.56
923.00 Outside Services	0.00	0.00	0.00
925.00 Injuries & Damages	7,142.90	247.82	7,390.72
928.00 Regulatory Commission	708.16	24.57	732.73
930.00 Miscellaneous	6,551.87	227.31	6,779.18
932.00 Maint. of General Plant	4,289.34	148.82	4,438.16
Total	\$ <u>146,538.23</u>	\$ <u>5,084.08</u>	\$ <u>151,622.31</u>
Total Expensed	\$ <u>594,160.93</u>	\$ <u>20,614.16</u>	\$ <u>617,718.19</u>

POWDER RIVER ENERGY CORPORATION

REVENUE

Adjusted Test Year

Base Revenue	\$	154,309,827
COPA Revenue		8,487,020
Deferred Revenue		0
Other Revenue		3,246,488
Total Adjusted Test Year Revenue	\$	<u>166,043,335</u>

Actual Test Year

Base Revenue	\$	166,437,238
COPA Revenue		10,202,928
Deferred Revenue		0
Other Revenue		3,411,190
Total Adjusted Test Year Revenue	\$	<u>180,051,356</u>

Adjustment

Base Revenue	\$	(12,127,411)
COPA Revenue		(1,715,908)
Deferred Revenue		0
Other Revenue		(164,702)
Adjustment	\$	<u>(14,008,021)</u>

POWDER RIVER ENERGY CORPORATION

PURCHASED POWER

Adjusted Test Year

Adjusted Power Cost w/o Bill Credit	\$	126,921,680
Basin Bill Credit		<u>0</u>
Total	\$	<u>126,921,680</u>

Test Year

Actual Power Cost w/o Bill Credit	\$	139,808,705
Basin Bill Credit		<u>0</u>
Total	\$	<u>139,808,705</u>

Adjustment

Actual Power Cost w/o Bill Credit	\$	(12,887,025)
Basin Bill Credit		<u>0</u>
Total	\$	<u>(12,887,025)</u>

Reference Schedule G-2.0 for calculation of adjusted
purchased power expense

POWDER RIVER ENERGY CORPORATION

BAD DEBT EXPENSE

Adjusted Test Year Revenue	\$	166,024,609
x Bad Debt Ratio		<u>0.0000%</u>
Adjusted Test Year Expense	\$	0
Test Year Amount		<u>0</u>
Adjustment	\$	<u><u>0</u></u>

POWDER RIVER ENERGY CORPORATION

PAYROLL

Adjusted Base Wages	\$	10,359,998
x Overtime Ratio		107.327%
Adjusted Total Wages	\$	<u>11,119,075</u>
x Payroll Expensed Ratio		56.71%
Adjusted Payroll Expensed	\$	<u>6,305,780</u>
Longevity Bonus	\$	6,943
Wellnes Payment		1,601
Teamshare		369,743
Boot Allowance		16,297
Performance Pay		-
Total Other Pay	\$	<u>394,584</u>
x Payroll Expensed Ratio		56.71%
Adjusted Payroll Expensed	\$	<u>223,774</u>
Total Adjusted Payroll Expensed		6,529,554
Test Year Amount		<u>6,221,846</u>
Adjustment	\$	<u><u>307,708</u></u>
		4.95%
Adjusted Full-Time Employees		122
Adjusted Part-Time Employees		<u>7</u>
Total Employees		<u><u>129</u></u>

Schedule A-7.0

POWDER RIVER ENERGY CORPORATION

SUMMARY OF BENEFITS

Medical, Vision and Dental Premium Contribution	\$	1,820,020
Life Insurance		65,868
Short-Term and Long-Term Disability		75,284
R&S Plan		2,950,614
401K Retirement Plan		613,388
FAS 106 Post-Retirement Benefits		194,784
Total Annual Contribution	\$	<u>5,719,958</u>
x Labor Expensed Ratio		<u>68.04%</u>
Adjusted Expense	\$	3,892,017
Test Year Amount		<u>3,848,838</u>
Adjustment	\$	<u><u>43,179</u></u>

Schedule A-8.0

POWDER RIVER ENERGY CORPORATION

MEDICAL, DENTAL & VISION INSURANCE

Total Monthly Medical Premium Contribution	\$	130,045.80
Total Monthly Dental Insurance Premium Contribution		16,083.93
Total Monthly Vision Premium Contribution		4,320.18
Total Monthly Contributions	\$	<u>150,449.90</u>
x 12 Months		12
Total Annual Contribution	\$	1,805,398.79
HRA Contribution		14,621.37
Total Annual Contribution	\$	<u><u>1,820,020.16</u></u>

POWDER RIVER ENERGY CORPORATION

LIFE INSURANCE

Fulltime Base Wages to Next \$1,000	\$	10,279,000
Coverage X Wages		<u>3</u>
Total Coverage	\$	<u>30,837,000</u>
x Premium Rate		0.0178%
Total Monthly Premium	\$	<u>5,488.99</u>
x 12 Months		12
Annual Premium	\$	<u><u>65,867.88</u></u>

POWDER RIVER ENERGY CORPORATION
SHORT TERM AND LONG-TERM DISABILITY INSURANCE

Base Wages	\$	10,223,136
x Premium Rate - Long Term Disability		<u>0.450%</u>
Total Annual Premium - Long Term Disability	\$	<u>46,004.11</u>
Number of Full Time Employees		122
Monthly Insurance Coverage per Employee	\$	<u>500.00</u>
Total Coverage		<u>61,000.00</u>
x Premium Rate - Short Term Disability		<u>4.00%</u>
Total Monthly Premium - Short Term Disability	\$	<u>2,440.00</u>
x 12 Months		<u>12.00</u>
Total Annual Premium - Short Term Disability	\$	<u>29,280.00</u>
Total Annual Premium	\$	<u><u>75,284.11</u></u>

Schedule A-8.3

POWDER RIVER ENERGY CORPORATION

RETIREMENT PLAN

Total Annual Base Wages - Union	\$	4,744,177
x Cooperative Contribution Rate		<u>27.19%</u>
Annual Contribution	\$	<u>1,289,941.62</u>
Total Annual Base Wages - Non Union	\$	5,478,959
x Cooperative Contribution Rate		<u>30.31%</u>
Annual Contribution	\$	<u>1,660,672.51</u>
Total Annual Contribution	\$	<u><u>2,950,614.13</u></u>

POWDER RIVER ENERGY CORPORATION

401K RETIREMENT PLAN

Total Annual Base Wages	\$	10,223,136
x Cooperative Contribution Rate		<u>6.00%</u>
Total Annual Contribution	\$	<u><u>613,388.14</u></u>

POWDER RIVER ENERGY CORPORATION
FAS 106 POST-RETIREMENT BENEFITS

Projected Annual Cost \$ 194,784

POWDER RIVER ENERGY CORPORATION

WORKERS COMPENSATION

Total Base Wages - Outside Employees	\$	5,790,000
Overtime Wages		655,291
Total Wages - Outside Employees		<u>6,445,290</u>
Premium Rate		0.57%
Total Premium	\$	<u>36,738.15</u>
Total Wages - Inside Employees	\$	4,555,311
Overtime Wages		72,810
Total Wages - Inside Employees		<u>4,628,121</u>
Premium Rate		0.57%
Total Premium	\$	<u>26,380.29</u>
Total Annual Premium	\$	63,118.44
x Payroll Expensed Ratio		<u>65.92%</u>
Adjusted Expense	\$	<u><u>41,610</u></u>

Schedule A-9.0

POWDER RIVER ENERGY CORPORATION

RATE CASE EXPENSE

Rate Case Expense	\$	470,048
Amortization Years		<u>3</u>
Adjusted Expense	\$	156,683
Test Year Amount		<u>156,683</u>
Adjustment	\$	<u><u>0</u></u>

POWDER RIVER ENERGY CORPORATION

DEPRECIATION EXPENSE

	Test Year Plant Balance	2019 Additions	Adjusted Plant Balance	Depreciation Rate	Depreciation
Other Plant					
101.12 Property Under Capital Lease	\$ 44,316.77	\$	\$ 44,316.77	5.250%	\$ 2,327.00
102.00 Electric Plant Sold	(80,062.46)		(80,062.46)	0.000%	0.00
114.00 Electric Plant Acquisition Adj	39,538.82		39,538.82	6.670%	2,637.00
301.00 Intangible Plant	120.00		120.00	0.000%	0.00
303.00 Intangible Plant - Cost Sharing on Carr Draw	368,247.00		368,247.00	2.750%	10,127.00
Total	\$ 372,160.13	\$ 0.00	\$ 372,160.13		\$ 15,091.00
Transmission Plant					
350.00 Land and Land Rights	\$ 1,427,684.65	\$	\$ 1,427,684.65	2.000%	\$ 28,554.00
Land and Land Rights	22,428.63		22,428.63	0.000%	0.00
Right of Way - 230 kV	502,138.73		502,138.73	2.000%	10,043.00
351.00 Clearing Land & Right-of-Way	10,910.29		10,910.29	2.000%	218.00
352.00 Structures & Improvements - 230 kV	40,016.73		40,016.73	2.750%	1,100.00
353.00 Station Equipment - 69 kV	2,431,004.14		2,431,004.14	2.750%	66,853.00
Station Equipment - 69 kV - SCADA	15,814.98		15,814.98	10.000%	1,581.00
Station Equipment - 230 kV	35,665,638.73		35,665,638.73	2.750%	980,805.00
Station Equipment - 230 kV - MT	345,646.28		345,646.28	2.750%	9,505.00
Station Equipment - 230 kV CBM	4,278,186.97		4,278,186.97	2.750%	117,650.00
Station Equipment - 230 kV - SCADA	54,614.72		54,614.72	10.000%	5,461.00
355.00 Poles & Fixtures - 34.5 kV	99,113.35		99,113.35	2.750%	2,726.00
Poles & Fixtures - 69 kV	12,035,207.28		12,035,207.28	2.750%	330,968.00
Poles & Fixtures - 69 kV - MT	212.26		212.26	0.000%	0.00
Poles & Fixtures - 115 kV	146,543.22		146,543.22	0.000%	0.00
Poles & Fixtures - 230 kV	2,093,806.69		2,093,806.69	2.750%	57,580.00
Poles & Fixtures - 230 kV - MT	718,171.01		718,171.01	2.750%	19,750.00
356.00 Overhead Conductors - 34.5 kV-Fully Deprec	39,353.96		39,353.96	0.000%	0.00
Overhead Conductors - 69 kV	10,360,078.34		10,360,078.34	2.750%	284,902.00
Overhead Conductors - 69 kV - MT	151.64		151.64	0.000%	0.00
Overhead Conductors - 115 kV-Fully Deprec	280,492.50		280,492.50	0.000%	0.00
Overhead Conductors - 230 kV	3,783,667.00		3,783,667.00	2.750%	104,051.00
Overhead Conductors - 230 kV - MT	1,151,477.70		1,151,477.70	2.750%	31,666.00
359.00 Roads & Trails - 69 kV	572.42		572.42	0.000%	0.00
Roads & Trails - 115 kV-Fully Deprec	1,271.38		1,271.38	0.000%	0.00
Total	\$ 75,504,203.60	\$ 0.00	\$ 75,504,203.60		\$ 2,053,413.00

POWDER RIVER ENERGY CORPORATION
DEPRECIATION EXPENSE

	Test Year Plant Balance	2019 Additions	Adjusted Plant Balance	Depreciation Rate	Depreciation
Distribution Plant					
360.00 Land and Land Rights	4,820,343.56		4,820,343.56	2.000%	\$ 96,407.00
Land and Land Rights - Unamortized	152,895.28		152,895.28	0.000%	0.00
361.00 Structures & Improvements	284,989.46		284,989.46	2.800%	7,980.00
362.00 Station Equipment	19,891,280.50		19,891,280.50	2.800%	556,956.00
362.00 Station Equipment - Fully Depreciated	0.00		0.00	0.000%	0.00
362.01 Station Equipment - Montana	1,875,553.40		1,875,553.40	2.800%	52,515.00
362.02 Station Equipment - CBM	7,424,627.67		7,424,627.67	2.800%	207,890.00
362.03 Station Equipment - DG Sites	0.00		0.00	10.000%	0.00
362.03 Station Equipment - DG Sites-Fully Deprec	879,231.08		879,231.08	0.000%	0.00
362.05 Station Equipment Distribution Scada	907,696.41		907,696.41	10.000%	90,770.00
362.15 Station Equipment Distribution Scada	45,457.36		45,457.36	10.000%	4,546.00
364.00 Poles, Towers & Fixtures	46,901,371.69		46,901,371.69	2.800%	1,313,238.00
364.01 Poles, Towers & Fixtures - MT	629,295.30		629,295.30	2.800%	17,620.00
364.02 Poles, Towers & Fixtures - CBM	0.00		0.00	14.290%	0.00
364.02 Poles, Towers & Fixtures - CBM-Fully Deprec	17,514,209.66		17,514,209.66	0.000%	0.00
364.03 Poles, Towers & Fixtures - MT CBM	709,520.10		709,520.10	0.000%	0.00
365.00 Conductors & Devices	51,959,851.10		51,959,851.10	2.800%	1,454,876.00
365.01 Conductors & Devices Montana	316,957.48		316,957.48	2.800%	8,875.00
365.02 Conductors & Devices CBM	0.00		0.00	14.290%	0.00
365.02 Conductors & Devices CBM-Fully Deprec	17,353,063.24		17,353,063.24	0.000%	0.00
365.03 Conductors & Devices Mt CBM	854,061.65		854,061.65	0.000%	0.00
366.00 Underground Conduit	830,440.93		830,440.93	2.800%	23,252.00
366.02 Underground Conduit - Fully Depreciated	4,737.64		4,737.64	0.000%	0.00
367.00 Underground Conductors & Devices	15,322,455.07		15,322,455.07	2.800%	429,029.00
367.01 UG Cond & Dev Montana	7,269.47		7,269.47	2.800%	204.00
367.02 UG Cond & Dev CBM	0.00		0.00	14.290%	0.00
367.02 UG Cond & Dev CBM-Fully Deprec	1,236,787.92		1,236,787.92	0.000%	0.00
367.03 UG Cond & Dev Montana CBM-Fully Deprec	54,466.79		54,466.79	0.000%	0.00
367.10 Underground Conductors & Devices	1,914,097.45		1,914,097.45	5.600%	107,189.00
367.10 UG Conductors & Devices - Fully Depreciated	0.00		0.00	0.000%	0.00
368.00 Transformers	53,688,894.43		53,688,894.43	2.800%	1,503,289.00
368.01 Transformers Montana	40,922.77		40,922.77	2.800%	1,146.00
368.02 Transformers CBM	0.00		0.00	14.290%	0.00
368.02 Transformers CBM - Fully Depreciated	2,858,558.54		2,858,558.54	0.000%	0.00
368.03 Transformers Montana CBM- Fully Depreciated	307,723.26		307,723.26	0.000%	0.00
369.00 Services	2,584,705.02		2,584,705.02	2.800%	72,372.00
369.01 Services Montana	15,119.78		15,119.78	2.800%	423.00
369.02 Services CBM	0.00		0.00	14.290%	0.00
369.02 Services CBM-Fully Deprec	222,733.15		222,733.15	0.000%	0.00
369.03 Services Montana CBM - Fully Depreciated	5,980.57		5,980.57	0.000%	0.00
369.20 Services Lights	560,966.44		560,966.44	2.800%	15,707.00
369.22 Services Lights	123.47		123.47	0.000%	0.00
370.00 Meters	\$ 16,457,755.01	\$	\$ 16,457,755.01	7.500%	\$ 1,234,332.00
370.01 Meters Montana	35,187.04		35,187.04	7.500%	2,639.00
370.03 Meters Mt CBM	52,118.65		52,118.65	7.500%	3,909.00
370.10 Meters AMR	0.00		0.00	0.000%	0.00
370.10 Meters AMR-Fully Deprec	3,623,323.96		3,623,323.96	0.000%	0.00
370.30 Meters AMR	0.00		0.00	0.000%	0.00
370.30 Meters AMR-Fully Deprec	29,322.83		29,322.83	0.000%	0.00
371.00 Installation on Cons Premises	43,949.77		43,949.77	2.800%	1,231.00
371.01 Installation on Cons Premises	8,230.93		8,230.93	2.800%	230.00
373.00 Street Lighting & Signal Systems	133,902.28		133,902.28	2.800%	3,749.00
Total	\$ 272,560,178.11	\$ 0.00	\$ 272,560,178.11		\$ 7,210,374.00

**POWDER RIVER ENERGY CORPORATION
DEPRECIATION EXPENSE**

	Test Year Plant Balance	2019 Additions	Adjusted Plant Balance	Depreciation Rate	Depreciation
General Plant					
389.00 Land and Land Rights	\$ 1,217,783.10	\$	\$ 1,217,783.10	0.000%	\$ 0.00
390.00 Structures & Improvements	667,855.79		667,855.79	3.000%	20,036.00
Structures & Improvements	5,736,927.63		5,736,927.63	4.000%	229,477.00
Structures & Improvements	8,104.60		8,104.60	6.670%	541.00
Structures & Improvements - Fully Depreciated	2,625,017.35		2,625,017.35	0.000%	0.00
391.00 Office Furniture & Equipment	709,272.26		709,272.26	6.670%	47,308.00
Office Furniture & Equipment	666,236.93		666,236.93	33.330%	222,057.00
Office Furniture & Equipment-Fully Depreciated	4,815,127.78		4,815,127.78	0.000%	0.00
392.00 Transportation	345,341.43		345,341.43	6.670%	23,034.00
Transportation	270,539.00		270,539.00	12.500%	33,817.00
Transportation	760,316.67		760,316.67	16.670%	126,745.00
Transportation	562,520.06		562,520.06	20.000%	112,504.00
Transportation-Fully Depreciated	1,536,039.78		1,536,039.78	0.000%	0.00
393.00 Stores Equipment	220,378.98		220,378.98	5.000%	11,019.00
Stores Equipment-Fully Depreciated	22,578.75		22,578.75	0.000%	0.00
394.00 Tools, Shop & Garage	542,253.70		542,253.70	5.880%	31,885.00
Tools, Shop & Garage-Fully Depreciated	94,830.59		94,830.59	0.000%	0.00
395.00 Laboratory Equipment	923,385.43		923,385.43	5.880%	54,295.00
Laboratory Equipment-Fully Depreciated	279,383.76		279,383.76	0.000%	0.00
396.00 Power Operated Equipment	2,012,372.03		2,012,372.03	6.670%	134,225.00
Power Operated Equipment	964,214.25		964,214.25	10.000%	96,421.00
Power Operated Equipment-Fully Depreciated	2,159,970.35		2,159,970.35	0.000%	0.00
396.01 Power Op Equip	2,287,475.03		2,287,475.03	6.670%	152,575.00
Power Op Equip	627,119.98		627,119.98	20.000%	125,424.00
Power Op Equip Fully Depreciated	215,090.91		215,090.91	0.000%	0.00
397.00 Communications Equipment	4,194,604.25		4,194,604.25	6.670%	279,780.00
Communications Equipment-Fully Depreciated	1,329,001.42		1,329,001.42	0.000%	0.00
397.05 Communications Equipment - Scada	1,911,396.20		1,911,396.20	10.000%	191,140.00
398.00 Miscellaneous	162,380.56		162,380.56	5.880%	9,548.00
Miscellaneous-Fully Depreciated	132,169.10		132,169.10	0.000%	0.00
Less: Clearing Accounts					(804,745.00)
Total	\$ 37,999,687.67	\$ 0.00	\$ 37,999,687.67		\$ 1,097,086.00
Total Classified Plant	\$ 386,436,229.51	\$ 0.00	\$ 386,436,229.51		
Adjusted Depreciation Expense					\$ 10,375,964.00
Test Year Expense					<u>10,463,463.51</u>
Adjustment					<u>\$ (87,499.51)</u>

POWDER RIVER ENERGY CORPORATION

PROPERTY TAX

Plant in Service 12/31/2018	\$	386,436,130
x Effective Tax Rate		<u>0.31000%</u>
Adjusted Property Tax		1,197,952.00
Test Year Amount		<u>1,177,712.37</u>
Adjustment	\$	<u><u>20,240</u></u>
Plant in Service 1/1/2018	\$	381,324,490
Property Tax - 2018		<u>1,177,712.37</u>
Effective Tax Rate		<u><u>0.31000%</u></u>

	<u>Actual</u> <u>Test Year</u>	<u>Adjustment</u>	<u>Adjusted</u> <u>Test Year</u>
Property Taxes Expensed by Account			
Account 562	104,693.33	1,799.21	106,492.54
Account 563	100,185.12	1,721.74	101,906.86
Account 582	99,245.90	1,705.59	100,951.49
Account 583	616,843.87	10,600.80	627,444.67
Account 584	57,356.75	985.71	58,342.46
Account 586	67,254.09	1,155.80	68,409.89
Account 930.2	132,133.31	2,270.78	134,404.09
Total Property Taxes Paid in Test Year	1,177,712.37	20,239.63	1,197,952.00

POWDER RIVER ENERGY CORPORATION
SUMMARY OF PAYROLL TAXES AND WORKERS COMP

Total Adjusted Amount Expensed	\$ 614,775
Total Test Year Amount Expensed	<u>594,161</u>
Total Adjustment	<u><u>\$ 20,614</u></u>

POWDER RIVER ENERGY CORPORATION

WORKERS COMPENSATION

Adjusted Amount Expensed	\$ <u>41,610</u>
--------------------------	------------------

POWDER RIVER ENERGY CORPORATION

FICA TAXES

Adjusted Base Wages Subject to FICA	\$	9,973,765
Overtime Payroll		<u>759,077</u>
Total Adjusted FICA Wages	\$	<u>10,732,843</u>
x Employer's FICA Tax Rate		<u>6.200%</u>
Adjusted FICA Tax	\$	<u>665,436</u>
Adjusted Base Wages Subject to Medicare		10,237,254
Overtime Payroll		<u>759,077</u>
Total Adjusted Medicare Wages	\$	<u>10,996,332</u>
x Employer's MICA Tax Rate		<u>1.450%</u>
Adjusted MICA Tax	\$	<u>159,447</u>
Adjusted FICA & Medicare Taxes	\$	824,883
x Payroll Expensed Ratio		<u>68.043%</u>
Adjusted Amount Expensed	\$	<u><u>561,273</u></u>

POWDER RIVER ENERGY CORPORATION

STATE UNEMPLOYMENT TAXES

First \$23,400 of Adjusted Base Wages	\$	3,088,508
Tax Rate		<u>0.40%</u>
Adjusted State Unemployment Tax	\$	12,354
x Payroll Expensed Ratio		<u>68.043%</u>
Adjusted Amount Expensed	\$	<u><u>8,406</u></u>

POWDER RIVER ENERGY CORPORATION

FEDERAL UNEMPLOYMENT TAXES

First \$7,000 of Adjusted Base Wages	\$	854,000
Tax Rate		<u>0.60%</u>
Adjusted State Unemployment Tax	\$	5,124
x Payroll Expensed Ratio		<u>68.043%</u>
Adjusted Amount Expensed	\$	<u><u>3,487</u></u>

POWDER RIVER ENERGY CORPORATION
REGULATORY ACCOUNTING ENTRIES

	<u>Test Year</u>	<u>Adjustment</u>	<u>Adjusted Test Year</u>
407.30 Regulatory Debits \$	2,189,065 \$	(2,189,065) \$	0
407.40 Regulatory Credits	<u>(1,907,068)</u>	<u>1,907,068</u>	<u>0</u>
Total \$	<u><u>281,996</u></u> \$	<u><u>(281,996)</u></u> \$	<u><u>0</u></u>

POWDER RIVER ENERGY CORPORATION

INTEREST ON LONG-TERM DEBT

	<u>Adjusted Principal Outstanding</u>	<u>Interest Rate</u>	<u>Interest</u>
RUS Other			
1B520	2,740,019	4.64%	127,082
1B521	1,970,411	4.85%	95,565
1B522	2,425,279	4.28%	103,802
1B530	9,669,672	4.69%	453,508
1B531	10,062,426	4.72%	474,947
1B532	7,214,392	4.43%	319,598
Other			
H0020	16,504,837	3.25%	535,582
F0025	42,512,828	3.60%	1,531,312
F0030	15,649,784	3.82%	597,978
H0035	24,834,235	2.23%	554,300
F0040	3,262,757	2.23%	72,825
F0045	15,957,198	2.62%	418,398
FFB 4-1	23,367,173	4.00%	934,687
RI0323T03	5,775,030	3.67%	211,944
Economic Development	<u>1,000,000</u>	<u>1.00%</u>	<u>10,000</u>
Total	<u>\$ 182,946,039</u>		<u>\$ 6,441,528</u>
Test Year Expense			<u>6,230,814</u>
Adjustment			<u>\$ 210,714</u>
Average Interest Rate			<u>3.52%</u>

Schedule A-15.0

POWDER RIVER ENERGY CORPORATION
INTEREST - OTHER AND OTHER INCOME
RELATED TO ADDITIONAL CUSTOMER DEPOSITS

<u>Interest Expense - Other</u>	
Consumer Deposits YE 2018	\$ 16,765,287
2019 Annual Interest Rate	3.53%
Consumer Deposit Interest Adjusted	<u>\$ 591,815</u>
Consumer Deposit Interest 2018	<u>\$ 434,681</u>
Adjustment	<u>\$ 157,134</u>

POWDER RIVER ENERGY CORPORATION

OTHER DEDUCITONS - DONATIONS

Scholarships from Unclaimed Capital Credits	\$ 28,500.00
Donations from Unclaimed Capital Credits	25,500.00
Donations	27,923.18
Donations - Econ Dev Grant	13,750.00
Donations - PRECorp Foundation	40,278.62
Donations - CFC Integrity Fund	2,663.80
Total	<u>\$ 138,615.60</u>

POWDER RIVER ENERGY CORPORATION

**RATE BASE
DECEMBER 31, 2018**

	<u>Test Year 12/31/18</u>	<u>Adjustments</u>	<u>Adjusted Test Year</u>	<u>Rate Change</u>	<u>Adjusted Test Year w/ Rate Change</u>
Plant in Service	\$ 386,436,130	\$ (0)	\$ 386,436,130	\$	\$ 386,436,130
CWIP	11,213,457	(11,213,457)	0		0
Total Utility Plant	\$ 397,649,587	\$ (11,213,457)	\$ 386,436,130	0	\$ 386,436,130
Accumulated Depreciation	(188,122,994)	0	(188,122,994)		(188,122,994)
Net Utility Plant	\$ 209,526,593	\$ (11,213,457)	\$ 198,313,136	0	\$ 198,313,136
Materials & Supplies	\$ 6,336,185	\$ 0	\$ 6,336,185	0	\$ 6,336,185
Prepayments	1,003,621	0	1,003,621	0	1,003,621
Cash Working Capital	2,632,595	48,954	2,681,549	0	2,681,549
Consumer Prepayment	0	0	0	0	0
Consumer Deposits	(5,290,300)	0	(5,290,300)	0	(5,290,300)
Customer Construction Advances	0	0	0	0	0
Total Rate Base	\$ 214,208,694	\$ (11,164,503)	\$ 203,044,190	0	\$ 203,044,190
Operating Revenues	\$ 180,051,356	\$ (14,026,747)	\$ 166,024,609	8,421,241	\$ 174,445,850
Operating Expenses	172,182,592	(12,883,515)	159,299,077	0	159,299,077
Return	\$ 7,868,764	\$ (1,143,232)	\$ 6,725,532	8,421,241	\$ 15,146,773
Rate of Return	<u>3.67%</u>		<u>3.31%</u>		<u>7.46%</u>

POWDER RIVER ENERGY CORPORATION

**CASH WORKING CAPITAL
DECEMBER 31, 2018**

	<u>Test Year 12/31/18</u>	<u>Adjustments</u>	<u>Adjusted Test Year</u>	<u>Rate Change</u>	<u>Adjusted Test Year w/ Rate Change</u>
Transmission O&M	\$ 1,528,401	\$ 15,148	\$ 1,543,549	0	\$ 1,543,549
Distribution-Operations	6,656,962	133,985	6,790,947	0	6,790,947
Distribution-Maintenance	4,195,620	98,935	4,294,555	0	4,294,555
Consumer Accounting	2,456,009	45,900	2,501,909	0	2,501,909
Customer Service & Sales	53,020	88	53,108	0	53,108
Administrative & General	6,170,748	97,573	6,268,321	0	6,268,321
Total O&M Expenses	\$ <u>21,060,760</u>	\$ <u>391,629</u>	\$ <u>21,452,389</u>	<u>0</u>	\$ <u>21,452,389</u>
45/360 Days	\$ <u>2,632,595</u>	\$ <u>48,954</u>	\$ <u>2,681,549</u>	<u>0</u>	\$ <u>2,681,549</u>

POWDER RIVER ENERGY CORPORATION
AVERAGE MATERIALS & SUPPLIES, PREPAYMENTS,
AND CONSUMER DEPOSITS
DECEMBER 31, 2018

	<u>Materials & Supplies</u>	<u>Prepayments</u>
December '17	\$ 5,803,491	\$ 403,627
January	6,497,674	1,151,818
February	6,335,675	1,213,777
March	6,440,049	1,152,173
April	6,468,376	1,313,474
May	6,369,235	940,815
June	6,465,632	1,357,585
July	6,367,025	1,403,394
August	6,307,672	1,122,286
September	6,359,174	1,190,008
October	6,306,433	873,825
November	6,330,387	573,153
December '18	6,319,586	351,136
Average	\$ <u>6,336,185</u>	\$ <u>1,003,621</u>

POWDER RIVER ENERGY CORPORATION
CUSTOMER DEPOSITS BY TYPE AND RATE CLASS
AS OF DECEMBER 31, 2018

	<u>Standard Deposits</u>	<u>Large User Deposits</u>	<u>Total</u>
Residential	\$ 396,670	\$	\$ 396,670
Resi - Non Standard	20,073		20,073
Residential ToD	3,294		3,294
Res ToD - Non Standard	422		422
Resi - Heat Rate	5,912		5,912
Resi - Heat Rate NS	1,802		1,802
Seasonal			-
Seasonal - Non Standard			-
Irrigation	1,455		1,455
Gen Serv - 1 Phase	702,267		702,267
Gen Serv - 3 Phase			-
Gen Serv - 1Ph CBM		548,173	548,173
Gen Serv - 3Ph CBM			-
Large Power	4,158,406		4,158,406
LP CBM - Secondary		2,935,365	2,935,365
LP CBM - Primary			-
LPT - Coal		7,345,000	7,345,000
LPT - CBM		646,449	646,449
LPT - General			-
Idle Services			-
Black Hills			-
Security Lighting			-
Street Lighting			-
Total	\$ 5,290,300	\$ 11,474,987	\$ 16,765,287

POWDER RIVER ENERGY CORPORATION

BALANCE SHEET
DECEMBER 31, 2018

<u>Assets and Other Debits</u>		<u>Liabilities and Other Credits</u>	
Total Utility Plant in Service	\$ 386,436,130	Memberships	\$ 0
Construction Work in Progress	11,213,457	Patronage Capital	202,221,044
Total Utility Plant	<u>\$ 397,649,587</u>	Operating Margins-Prior Year	0
Accumulated Depreciation	(188,122,993)	Operating Margins-Current Year	20,962,158
Net Utility Plant	<u>\$ 209,526,594</u>	Non-Operating Margins	2,250,590
Non-Utility Plant (Net)	\$ 111,669	Other Margins and Equities	8,633,168
Investments in Assoc. Organ.-Patronage Capital	145,703,045	Total Margins and Equities	<u>\$ 234,066,960</u>
Investments in Assoc. Organ.-Other-General Funds	0	Long-Term Debt-REA (Net)	\$ 34,082,198
Investments in Assoc. Organ.-Other-Nongeneral Funds	2,676,734	Long-Term Debt-Other FFB Guaranteed	142,088,812
Investments in Economic Development Projects	0	Long-Term Debt-Other (Net)	6,775,030
Other Investments	885,097	Payments Unapplied	(27,043,776)
Special Funds	27,873,145	Total Long-Term Debt	<u>\$ 155,902,264</u>
Total Other Property and Investments	<u>\$ 177,249,690</u>	Obligations Under Capital Leases	\$ 12,992
Cash-General Funds	\$ 7,836,206	Accumulated Operating Provisions	2,496,692
Cash-Construction Funds-Trustee	400	Total Other Noncurrent Liabilities	<u>\$ 2,509,684</u>
Special Deposits	0	Notes Payable	\$ 0
Temporary Investments	51,041,939	Accounts Payable	15,008,392
Notes Receivable (Net)	0	Consumers Deposits	16,782,274
Accounts Receivable-Sales of Energy (Net)	15,637,992	Current Maturities Long-Term Debt	6,778,296
Accounts Receivable-Other (Net)	761,845	Current Maturities Capital Leases	0
Materials & Supplies-Electric and Other	6,319,586	Other Current and Accrued Liabilities	3,856,885
Prepayments	351,136	Total Current and Accrued Liabilities	<u>\$ 42,425,847</u>
Other Current and Accrued Assets	145,343	Regulatory Liabilities	\$ 5,502,810
Total Current and Accrued Assets	<u>\$ 82,094,447</u>	Deferred Credits	<u>\$ 28,718,300</u>
Regulatory Assets	\$ 0	Total Liabilities and Other Credits	<u>\$ 469,125,865</u>
Deferred Debits	<u>\$ 255,134</u>		
Total Assets and Other Debits	<u>\$ 469,125,865</u>		

Schedule C-1.0

PRECorp/2019 General Rate Case
HA000857

POWDER RIVER ENERGY CORPORATION
PLANT BALANCES
AS OF DECEMBER 31, 2018

	<u>12/31/2018</u> <u>Balance</u>	<u>Adjustment</u>	<u>12/31/2018</u> <u>Adjusted Balance</u>	<u>Placed In</u> <u>Service</u>	<u>Adjusted</u> <u>Balance</u>
Other Plant					
101.00 Property Under Capital Lease	\$ 44,316.77	\$	\$ 44,316.77	\$	\$ 44,316.77
102.00 Electric Plant Purch/Sold	(80,062.46)		(80,062.46)		(80,062.46)
104.00 Electric Plant Leased to Others	0.00		0.00		0.00
114.00 Electric Plant Acquisition	39,538.82		39,538.82		39,538.82
301.00 Organization	120.00		120.00		120.00
303.00 Misc Intangible Plant	368,247.00		368,247.00		368,247.00
425.00 Bentonite Sub Acquisition	0.00		0.00		0.00
Total	<u>\$ 372,160.13</u>	<u>\$ 0.00</u>	<u>\$ 372,160.13</u>	<u>\$ 0.00</u>	<u>\$ 372,160.13</u>
Transmission Plant					
350.00 Land and Land Rights	\$ 1,450,113.28	\$	\$ 1,450,113.28	\$	\$ 1,450,113.28
Right of Way - 230 kV	502,138.73		502,138.73		502,138.73
Subtotal	1,952,252.01		1,952,252.01		1,952,252.01
351.00 Clearing Land & Right-of-Way	10,910.29		10,910.29		10,910.29
352.00 Structures & Improvements - 230 kV	40,016.73		40,016.73		40,016.73
353.00 Station Equipment - 69 kV	2,446,819.12		2,446,819.12		2,446,819.12
Station Equipment - 230 kV	35,720,253.45		35,720,253.45		35,720,253.45
Station Equipment - 230 kV - MT	345,646.28		345,646.28		345,646.28
Station Equipment - 230 kV CBM	4,278,186.97		4,278,186.97		4,278,186.97
Subtotal	42,790,905.82		42,790,905.82		42,790,905.82
355.00 Poles & Fixtures - 34.5 kV	99,113.35		99,113.35		99,113.35
Poles & Fixtures - 69 kV	12,035,207.28		12,035,207.28		12,035,207.28
Poles & Fixtures - 69 kV - CBM	0.00		0.00		0.00
Poles & Fixtures - 69 kV - MT	212.26		212.26		212.26
Poles & Fixtures - 115 kV	146,543.22		146,543.22		146,543.22
Poles & Fixtures - 230 kV	2,093,806.69		2,093,806.69		2,093,806.69
Poles & Fixtures - 230 kV - MT	718,171.01		718,171.01		718,171.01
Subtotal	15,093,053.81		15,093,053.81		15,093,053.81
356.00 Overhead Conductors - 34.5 kV	39,353.96		39,353.96		39,353.96
Overhead Conductors - 69 kV	10,360,078.34		10,360,078.34		10,360,078.34
Overhead Conductors - 69 kV - MT	151.64		151.64		151.64
Overhead Conductors - 115 kV	280,492.50		280,492.50		280,492.50
Overhead Conductors - 230 kV	3,783,667.00		3,783,667.00		3,783,667.00
Overhead Conductors - 230 kV - MT	1,151,477.70		1,151,477.70		1,151,477.70
Subtotal	15,615,221.14		15,615,221.14		15,615,221.14
359.00 Roads & Trails - 69 kV	572.42		572.42		572.42
Roads & Trails - 115 kV	1,271.38		1,271.38		1,271.38
Subtotal	1,843.80		1,843.80		1,843.80
Total	<u>\$ 75,504,203.60</u>	<u>\$ 0.00</u>	<u>\$ 75,504,203.60</u>	<u>\$ 0.00</u>	<u>\$ 75,504,203.60</u>

POWDER RIVER ENERGY CORPORATION
PLANT BALANCES
AS OF DECEMBER 31, 2018

	12/31/2018 Balance	Adjustment	12/31/2018 Adjusted Balance	Placed In Service	Adjusted Balance
<u>Distribution Plant</u>					
360.00 Land and Land Rights	\$ 4,973,238.84	\$	\$ 4,973,238.84	\$	\$ 4,973,238.84
361.00 Structures & Improvements	284,989.46		284,989.46		284,989.46
362.00 Station Equipment	19,891,280.50		19,891,280.50		19,891,280.50
362.01 Station Equipment - Montana	1,875,553.40		1,875,553.40		1,875,553.40
362.02 Station Equipment - CBM	7,424,627.67		7,424,627.67		7,424,627.67
362.03 Station Equipment - DG Sites	879,231.08		879,231.08		879,231.08
362.05 Station Equipment - SCADA	953,153.77		953,153.77		953,153.77
Subtotal 362	31,023,846.42		31,023,846.42		31,023,846.42
364.00 Poles, Towers & Fixtures	46,901,371.69		46,901,371.69		46,901,371.69
364.01 Poles, Towers & Fixtures - MT	629,295.30		629,295.30		629,295.30
364.02 Poles, Towers & Fixtures - CBM	17,514,209.66		17,514,209.66		17,514,209.66
364.03 Poles, Towers & Fixtures - MT CBM	709,520.10		709,520.10		709,520.10
365.00 Conductors & Devices	51,959,851.10		51,959,851.10		51,959,851.10
365.01 Conductors & Devices Montana	316,957.48		316,957.48		316,957.48
365.02 Conductors & Devices CBM	17,353,063.24		17,353,063.24		17,353,063.24
365.03 Conductors & Devices Mt CBM	854,061.65		854,061.65		854,061.65
Subtotal 364/5	136,238,330.22		136,238,330.22		136,238,330.22
366.00 Underground Conduit	830,440.93		830,440.93		830,440.93
366.02 Underground Conduit	4,737.64		4,737.64		4,737.64
367.00 Underground Conductors & Devices	15,322,455.07		15,322,455.07		15,322,455.07
367.01 UG Cond & Dev Montana	7,269.47		7,269.47		7,269.47
367.02 UG Cond & Dev CBM	1,236,787.92		1,236,787.92		1,236,787.92
367.03 UG Cond & Dev Montana CBM	54,466.79		54,466.79		54,466.79
367.10 Underground Conductors & Devices	1,914,097.45		1,914,097.45		1,914,097.45
Subtotal 366/7	19,370,255.27		19,370,255.27		19,370,255.27
368.00 Transformers	53,688,894.43		53,688,894.43		53,688,894.43
368.01 Transformers Montana	40,922.77		40,922.77		40,922.77
368.02 Transformers CBM	2,858,558.54		2,858,558.54		2,858,558.54
368.03 Transformers Montana CBM	307,723.26		307,723.26		307,723.26
Subtotal 368	56,896,099.00		56,896,099.00		56,896,099.00
369.00 Services	2,584,705.02		2,584,705.02		2,584,705.02
369.01 Services Montana	15,119.78		15,119.78		15,119.78
369.02 Services CBM	222,733.15		222,733.15		222,733.15
369.03 Services Montana CBM	5,980.57		5,980.57		5,980.57
369.20 Services Lights	560,966.44		560,966.44		560,966.44
369.22 Services Lights	123.47		123.47		123.47
Subtotal 369	3,389,628.43		3,389,628.43		3,389,628.43

POWDER RIVER ENERGY CORPORATION
PLANT BALANCES
AS OF DECEMBER 31, 2018

	<u>12/31/2018</u> <u>Balance</u>	<u>Adjustment</u>	<u>12/31/2018</u> <u>Adjusted Balance</u>	<u>Placed In</u> <u>Service</u>	<u>Adjusted</u> <u>Balance</u>
<u>Distribution Plant (Continued)</u>					
370.00 Meters	\$ 16,457,755.01	\$	\$ 16,457,755.01	\$	\$ 16,457,755.01
370.01 Meters Montana	35,187.04		35,187.04		35,187.04
370.03 Meters Mt CBM	52,118.65		52,118.65		52,118.65
370.10 Meters AMR	3,623,323.96		3,623,323.96		3,623,323.96
370.30 Meters AMR	29,322.83		29,322.83		29,322.83
Subtotal 370	20,197,707.49		20,197,707.49		20,197,707.49
371.00 Installation on Cons Premises	43,949.77		43,949.77		43,949.77
371.01 Installation on Cons Premises	8,230.93		8,230.93		8,230.93
Subtotal 371	52,180.70		52,180.70		52,180.70
373.00 Street Lighting & Signal Systems	133,902.28		133,902.28		133,902.28
Total	\$ <u>272,560,178.11</u>	\$ <u>0.00</u>	\$ <u>272,560,178.11</u>	\$ <u>0.00</u>	\$ <u>272,560,178.11</u>
<u>General Plant</u>					
389.00 Land and Land Rights	\$ 1,217,783.10	\$	\$ 1,217,783.10	\$	\$ 1,217,783.10
390.00 Structures & Improvements	9,037,905.37		9,037,905.37		9,037,905.37
391.00 Office Furniture & Equipment	6,190,636.97		6,190,636.97		6,190,636.97
392.00 Transportation	3,474,656.94		3,474,656.94		3,474,656.94
393.00 Stores Equipment	242,957.73		242,957.73		242,957.73
394.00 Tools, Shop & Garage	637,084.29		637,084.29		637,084.29
395.00 Laboratory Equipment	1,202,769.19		1,202,769.19		1,202,769.19
396.00 Power Operated Equipment	8,266,242.55		8,266,242.55		8,266,242.55
397.00 Communications Equipment	7,435,001.87		7,435,001.87		7,435,001.87
398.00 Miscellaneous	294,549.66		294,549.66		294,549.66
Total	\$ <u>37,999,587.67</u>	\$ <u>0.00</u>	\$ <u>37,999,587.67</u>	\$ <u>0.00</u>	\$ <u>37,999,587.67</u>
Total Classified Plant	\$ 386,436,129.51	\$ 0.00	\$ 386,436,129.51	\$ 0.00	\$ 386,436,129.51
Construction Work in Progress	\$ <u>11,213,457.38</u>	\$	\$ <u>11,213,457.38</u>	\$ <u>0.00</u>	\$ <u>11,213,457.38</u>
Total Utility Plant	\$ <u>397,649,586.89</u>	\$ <u>0.00</u>	\$ <u>397,649,586.89</u>	\$ <u>0.00</u>	\$ <u>397,649,586.89</u>

POWDER RIVER ENERGY CORPORATION

ACCUMULATED DEPRECIATION
DECEMBER 31, 2018

108.50	Transmission Plant	\$	125,073
108.51	Transmission Plant		16,142,830
108.52	Transmission Plant		428,307
108.53	Transmission Plant		21,755,604
108.54	Transmission Plant		2,166,150
108.90	Transmission Plant Salvage/Loss		(510,367)
	Total	\$	<u>40,107,598</u>
108.6	Distribution Plant	\$	88,477,053
108.61	Distribution Plant		41,153,507
108.62	Distribution Plant		3,672,285
108.63	Distribution Plant		879,231
108.64	Distribution Plant		0
108.91	Distribution Plant Salvage/Loss		(13,390,195)
	Distribution Plant	\$	<u>120,791,882</u>
	<u>General Plant</u>		
108.71	Structures	\$	5,741,826
108.72	Office Equipment		5,614,993
108.73	Transportation		2,487,121
108.74	Communication Equipment		3,952,168
108.75	Power Operated		5,421,783
108.76	Testing Equipment		726,480
108.77	Miscellaneous		235,307
108.78	Stores		137,942
108.79	Shop, Garage Etc		352,078
108.92	General Plant Salvage/Loss		(3,174)
	Total	\$	<u>24,666,523</u>
	Retirement Work in Progress	\$	<u>(1,028,620)</u>
	Amortization of Electric Plant	\$	<u>3,585,611</u>
	Total	\$	<u><u>188,122,994</u></u>

Schedule C-3.0

POWDER RIVER ENERGY CORPORATION
OTHER REVENUE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>Test Year</u> <u>12/31/2018</u>	<u>Adjustment</u>	<u>Adjusted</u> <u>TestYear</u>
451.00 Miscellaneous Service Revenues	\$ 37,657.57	\$	\$ 37,657.57
454.00 Rent From Electric Property	117,633.84		117,633.84
456.00 Other Electric Revenue	64,578.70		64,578.70
456.10 Idle Services	203,438.86		203,438.86
456.11 Idle Services - Montana	962.50		962.50
456.16 Prepaid Demand Non CBM	36,649.69		36,649.69
456.17 Prepaid Demand CBM	27,712.52		27,712.52
456.20 Wheeling Revenue - 69 kV	72,378.00		72,378.00
456.21 Open Access Tariff - 230 kV	2,123,466.00		2,123,466.00
457.10 Regional Trans Service Revenues	712,270.00	(164,702.00)	547,568.00
459.00 Other Revenue	14,442.40		14,442.40
Subtotal Other Revenue	\$ 3,411,190.08	\$ (164,702.00)	\$ 3,246,488.08
456.30 Deferred Revenue		0.00	0.00
Total	\$ <u>3,411,190.08</u>	\$ <u>(164,702.00)</u>	\$ <u>3,246,488.08</u>

Schedule C-4.0

POWDER RIVER ENERGY CORPORATION
SUMMARY OF REVENUE AND BAD DEBT WRITE-OFFS

12 Months Ending	Revenue	Write-offs	Write-offs Collected	Net Write-offs	As % of Revenue
12/31/13	194,507,037	194,126	1,781	192,345	0.0989%
12/31/14	192,687,054	46,103	5,132	40,971	0.0213%
12/31/15	180,891,982	56,691	10,312	46,379	0.0256%
12/31/16	182,150,468	1,889,835	48,267	1,841,568	1.0110%
12/31/17	191,161,757	113,636	386,644	-273,008	-0.1428%
12/31/18	180,051,356	82,550	120,240	-37,690	-0.0209%
Total	\$ 941,398,298	\$ 2,382,941	\$ 572,376	\$ 1,810,565	0.1923%

POWDER RIVER ENERGY CORPORATION

HISTORICAL PAYROLL

	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>Average 2014-2018</u>
Payroll Expensed	\$ 8,182,652	\$ 7,894,862	\$ 7,132,665	\$ 6,817,876	\$ 6,717,881	\$ 7,349,187
Payroll Capitalized	2,092,510	2,542,841	3,219,613	2,536,734	2,693,826	2,617,105
Payroll Other	2,130,978	2,037,258	3,520,502	2,505,779	2,434,033	2,525,710
Total Payroll	<u>\$ 12,406,140</u>	<u>\$ 12,474,961</u>	<u>\$ 13,872,780</u>	<u>\$ 11,860,389</u>	<u>\$ 11,845,740</u>	<u>\$ 12,492,002</u>
% Payroll Expensed	<u>65.956%</u>	<u>63.286%</u>	<u>51.415%</u>	<u>57.484%</u>	<u>56.711%</u>	<u>58.831%</u>
Regular Payroll	\$ 11,408,371	\$ 11,598,263	\$ 13,201,577	\$ 11,113,458	\$ 11,037,090	\$ 11,671,752
Overtime Payroll	997,770	876,698	671,204	746,931	808,650	820,251
Total Payroll	<u>\$ 12,406,141</u>	<u>\$ 12,474,961</u>	<u>\$ 13,872,780</u>	<u>\$ 11,860,389</u>	<u>\$ 11,845,740</u>	<u>\$ 12,492,002</u>
Overtime as % of Regular	<u>8.746%</u>	<u>7.559%</u>	<u>5.084%</u>	<u>6.721%</u>	<u>7.327%</u>	<u>7.028%</u>

POWDER RIVER ENERGY CORPORATION

O&M EXPENSE RATIOS

	<u>Payroll</u>	<u>Employee Benefits</u>	<u>Payroll Taxes</u>
Amount Expensed	6,717,881.49	3,848,838.27	594,160.93
Amount Capitalized	2,693,826.36	1,445,787.50	176,592.52
Other	2,434,032.60	543,761.12	0.00
Total	<u>11,845,740.45</u>	<u>5,838,386.89</u>	<u>770,753.45</u>
% Expensed	56.71%	65.92%	77.09%
% Capitalized	22.74%	24.76%	22.91%
% Other	20.55%	9.31%	0.00%
Total	43.29%	34.08%	22.91%
<u>Payroll Average</u>			
% Expensed	58.83%		
% Capitalized	20.95%		
% Other	20.22%		
Total	<u>100.00%</u>		
<u>Adjusted Expensed Ratios</u>			
Difference from Average	2.1198%		
% Expensed		<u>68.04%</u>	<u>79.21%</u>

POWDER RIVER ENERGY CORPORATION

GROWTH RATE IN NET PLANT

	<u>Additions</u>	<u>Retirements</u>	<u>Utility Plant</u>	<u>Accum. Deprec.</u>	<u>Net Plant</u>	<u>Percent Change</u>
December 31, 2009	19,194,012	3,164,108	317,965,224	107,996,279	209,968,945	
December 31, 2010	13,707,045	3,829,381	327,842,888	118,065,334	209,777,554	-0.09%
December 31, 2011	8,734,849	2,770,526	333,807,211	128,393,859	205,413,352	-2.08%
December 31, 2012	8,573,986	2,832,453	339,548,744	139,223,634	200,325,110	-2.48%
December 31, 2013	11,583,659	4,397,964	346,734,439	148,057,097	198,677,342	-0.82%
December 31, 2014	10,328,760	4,319,020	352,744,179	156,107,794	196,636,385	-1.03%
December 31, 2015	22,068,466	7,208,258	367,604,387	162,125,449	205,478,938	4.50%
December 31, 2016	12,377,121	3,393,122	376,588,387	169,059,447	207,528,940	1.00%
December 31, 2017	15,474,390	3,191,473	388,871,304	179,450,502	209,420,802	0.91%
December 31, 2018	10,515,401	1,737,118	397,649,587	188,122,993	209,526,594	0.05%
Compound Growth 2005-2014						-0.02%
Compound Growth 2009-2014						1.07%
Projected 12/31/2019	18,350,580	10,568,571	405,431,596	188,440,422	216,991,174	3.56%
Projected 12/31/2020	13,414,030	4,271,429	414,574,197	195,300,475	219,273,722	1.05%
Projected 12/31/2021	10,633,471	3,700,000	421,507,668	202,918,124	218,589,544	-0.31%
Projected 12/31/2022	10,525,169	3,700,000	428,332,837	210,719,031	217,613,806	-0.45%
Projected 12/31/2023	10,293,617	3,700,000	434,926,454	218,696,980	216,229,474	-0.64%
Compound Growth 2018-2021						1.42%

Schedule D-1.0

POWDER RIVER ENERGY CORPORATION

SYSTEM CAPITALIZATION AND EQUITY POSITION

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>Test Year 12/31/2018</u>
<u>System Including All Patronage</u>						
Long-Term Debt	\$ 129,992,739	\$ 132,999,055	\$ 129,017,877	\$ 148,860,060	\$ 151,734,579	\$ 162,680,560
Equity	188,469,004	194,606,702	201,346,003	216,033,547	218,025,553	234,066,960
Total Capitalization	<u>\$ 318,461,743</u>	<u>\$ 327,605,757</u>	<u>\$ 330,363,880</u>	<u>\$ 364,893,607</u>	<u>\$ 369,760,132</u>	<u>\$ 396,747,520</u>
<u>Percent Capitalization</u>						
Long-Term Debt	40.82%	40.60%	39.05%	40.80%	41.04%	41.00%
Equity	59.18%	59.40%	60.95%	59.20%	58.96%	59.00%
Total	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
Total Assets	<u>\$ 387,517,147</u>	<u>\$ 397,490,066</u>	<u>\$ 400,906,532</u>	<u>\$ 438,412,452</u>	<u>\$ 446,624,256</u>	<u>\$ 469,125,865</u>
Equity as % of Total Assets	<u>48.64%</u>	<u>48.96%</u>	<u>50.22%</u>	<u>49.28%</u>	<u>48.82%</u>	<u>49.89%</u>
<u>System Excluding G&T and Other Patronage Capital</u>						
Long-Term Debt	\$ 129,992,739	\$ 132,999,055	\$ 129,017,877	\$ 148,860,060	\$ 151,734,579	\$ 162,680,560
Equity Excluding Other Patronage Capital	83,740,085	84,325,108	93,017,760	94,066,437	100,770,409	122,983,965
Total Capitalization	<u>\$ 213,732,824</u>	<u>\$ 217,324,163</u>	<u>\$ 222,035,637</u>	<u>\$ 242,926,497</u>	<u>\$ 252,504,988</u>	<u>\$ 285,664,525</u>
G&T and Other Allocated Patronage	104,728,919	110,281,163	108,328,243	121,967,110	117,255,144	111,082,995
Long-Term Debt	60.82%	61.20%	58.11%	61.28%	60.09%	56.95%
Equity	39.18%	38.80%	41.89%	38.72%	39.91%	43.05%
Total	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>
Total Assets Excluding Other Patronage Capital	282,788,228	287,208,903	292,578,289	316,445,342	329,369,112	358,042,870
Equity as % of Total Assets	<u>29.61%</u>	<u>29.36%</u>	<u>31.79%</u>	<u>29.73%</u>	<u>30.59%</u>	<u>34.35%</u>

Schedule D-2.0

POWDER RIVER ENERGY CORPORATION

LONG-TERM DEBT
DECEMBER 31, 2018

Note Number	Date of Issue	Date of Maturity	Interest Rate	Original Amount	Unadvanced Funds	Deferred Interest	Principal Outstanding	2019 Principal Payment	Adjusted Principal Balance
14260	10/23/78	10/23/13	2.00%	\$ 0	\$	\$	\$ 0	\$ 0	\$ 0
14270	10/18/79	10/18/14	2.00%	0			0	0	0
14271	10/18/79	10/18/14	2.00%	0			0	0	0
14480	08/19/80	08/19/15	2.00%	0			0	0	0
14481	08/19/80	08/19/15	2.00%	0			0	0	0
Total RUS 2%				\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
1B520	12/01/03	12/01/23	4.64%	\$ 9,306,000	\$	\$	\$ 3,343,226	\$ 603,206	\$ 2,740,019
1B521	12/01/03	12/01/23	4.85%	6,529,000			2,400,701	430,290	1,970,411
1B522	12/01/03	12/01/23	4.28%	7,783,000			2,968,009	542,731	2,425,279
1B530	12/01/03	12/01/38	4.69%	12,940,000			9,970,673	301,001	9,669,672
1B531	12/01/03	12/01/38	4.72%	13,389,000			10,374,408	311,982	10,062,426
1B532	12/01/03	12/01/38	4.43%	9,490,000			7,444,556	230,165	7,214,392
Total RUS Other				\$ 59,437,000	\$ 0	\$ 0	\$ 36,501,574	\$ 2,419,375	\$ 34,082,198
9007	09/01/89	03/01/19	6.10%	\$ 3,800,000	\$	\$	\$ 0	\$ 0	\$ 0
9009	06/01/92	08/31/22	6.10%	497,000			0	0	0
Total CFC				\$ 4,297,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
H0020	02/08/85	12/31/14	3.25%	\$ 23,885,000	\$	\$	\$ 17,288,858	\$ 784,021	\$ 16,504,837
F0025	01/30/87	12/31/14	3.60%	50,000,000			43,564,037	1,051,209	42,512,828
F0030			3.82%	18,300,000			16,024,495	374,712	15,649,784
H0035	12/12/08	12/31/35	2.23%	28,246,000			25,581,539	747,304	24,834,235
F0040	09/15/10	01/03/45	2.23%	3,711,000			3,360,939	98,182	3,262,757
F0045	08/02/11	01/03/45	2.62%	17,604,000			16,411,676	454,479	15,957,198
Total FFB				\$ 141,746,000	\$ 0	\$ 0	\$ 122,231,545	\$ 3,509,907	\$ 118,721,638
FFB 4-1				23,586,000			23,586,000	218,827	23,367,173
RI0323T03	04/30/12	03/20/34	3.67%	\$ 14,416,735	\$ 0	\$ 0	\$ 6,405,217	\$ 630,187	\$ 5,775,030
Econ. Develop.	07/11/05	12/31/17	1.00%	\$ 1,000,000	\$	\$	\$ 1,000,000	\$	\$ 1,000,000
Total Long-Term Debt				\$ 244,482,735	\$ 0	\$ 0	\$ 189,724,335	\$ 6,778,296	\$ 182,946,039

Schedule D-3.0

PRECorp/2019 General Rate Case
HA000868

POWDER RIVER ENERGY CORPORATION

**WEIGHTED INTEREST RATE
DECEMBER 31, 2018**

	<u>Adjusted Principal Outstanding</u>	<u>Interest Rate</u>	<u>Weighted Interest Rate</u>
RUS 2%	\$ 0	2.000%	0.000%
REA Other			
1B520	2,740,019	4.638%	0.069%
1B521	1,970,411	4.850%	0.052%
1B522	2,425,279	4.280%	0.057%
1B530	9,669,672	4.690%	0.248%
1B531	10,062,426	4.720%	0.260%
1B532	7,214,392	4.430%	0.175%
CFC			
9007	0	6.100%	0.000%
9009	0	6.100%	0.000%
FFB			
H0020	16,504,837	3.245%	0.293%
F0025	42,512,828	3.602%	0.837%
F0030	15,649,784	3.821%	0.327%
H0035	24,834,235	2.232%	0.303%
F0040	3,262,757	2.232%	0.040%
F0045	15,957,198	2.622%	0.229%
FFB 4-1	23,367,173	4.000%	0.511%
RI0323T03	5,775,030	3.670%	0.116%
Economic Development	<u>1,000,000</u>	<u>1.000%</u>	<u>0.005%</u>
Total	\$ <u><u>182,946,039</u></u>		<u><u>3.521%</u></u>

POWDER RIVER ENERGY CORPORATION
CAPITAL CREDITS RETIRED

	<u>Special</u>	<u>General</u>	<u>Total</u>
2009	\$ 374,550	2,127,398	2,501,948
2010	309,515	1,976,845	2,286,360
2011	320,002	1,965,305	2,285,307
2012	365,416	1,925,087	2,290,503
2013	338,480	1,977,085	2,315,565
2014	445,945	1,902,423	2,348,368
2015	463,433	1,832,618	2,296,051
2016	449,832	1,832,478	2,282,310
2017	2,057,747	12,394,987	14,452,734
2018	<u>419,918</u>	<u>8,617,320</u>	<u>9,037,238</u>
Total	<u>\$ 5,544,838</u>	<u>\$ 36,551,546</u>	<u>\$ 42,096,384</u>

POWDER RIVER ENERGY CORPORATION

PATRONAGE CAPITAL

	Distribution			G & T			OLD S/J			Total		
	Assigned	Retired	Balance	Assigned	Retired	Balance	Assigned	Retired	Balance	Assigned	Retired	Balance
1982	\$ 4,180,028	\$ 4,180,028	\$ 0	\$ 1,897,469	\$ 0	\$ 0	\$ 495,674	\$ 495,674	\$ 0	\$ 6,573,171	\$ 4,675,702	\$ 0
1983	4,202,281	4,202,281	0	859,772	859,772	0	178,696	178,696	0	5,240,749	5,240,749	0
1984	6,711,686	2,803,403	3,908,283	2,602,616	847,063	1,755,553	135,071	55,507	79,564	9,449,373	3,705,973	5,743,400
1985	1,996,173	179,113	1,817,060	1,965,016	141,213	1,823,803	171,051	13,584	157,467	4,132,240	333,910	3,798,329
1986	2,775,858	73,004	2,702,854	1,109,138	40,566	1,068,573	0	0	0	3,884,997	113,569	3,771,427
1987	0	0	0	750,109	18,329	731,780	83,555	7,848	75,707	833,664	26,177	807,487
1988	0	0	0	886,241	22,943	863,299	199,071	16,643	182,428	1,085,312	39,586	1,045,727
1989	0	0	0	1,045,407	24,446	1,020,961	108,140	8,655	99,485	1,153,547	33,101	1,120,445
1990	47,866	1,122	46,745	1,642,233	38,559	1,603,674	408,696	32,566	376,129	2,098,796	72,247	2,026,549
1991	2,319,384	998,020	1,321,364	1,564,758	39,748	1,525,010	0	0	0	3,884,142	1,037,768	2,846,374
1992	2,400,639	1,005,685	1,394,954	1,569,359	39,093	1,530,266	404,854	25,783	379,071	4,374,852	1,070,561	3,304,291
1993	4,566,918	3,305,889	1,261,029	4,655,200	109,684	4,545,516	756,235	37,049	719,186	9,978,352	3,452,621	6,525,731
1994	1,947	391	1,556	2,507,637	79,749	2,427,888	675,838	32,981	642,857	3,185,422	113,121	3,072,301
1995	1,523,681	776,527	747,155	1,640,229	60,393	1,579,836	417,532	21,383	396,149	3,581,442	858,303	2,723,140
1996	386,856	12,898	373,958	1,313,452	42,991	1,270,461	311,470	15,551	295,919	2,011,778	71,440	1,940,338
1997	2,388,152	1,011,223	1,376,928	844,742	25,884	818,858	0	0	0	3,232,894	1,037,108	2,195,786
1998	0	0	0	1,816,502	87,022	1,729,480	0	0	0	1,816,502	87,022	1,729,480
1999	0	0	0	1,397,142	69,394	1,327,748	0	0	0	1,397,142	69,394	1,327,748
2000	0	0	0	8,388,087	4,218,430	4,169,657	0	0	0	8,388,087	4,218,430	4,169,657
2001	10,252,340	2,491,737	7,760,603	7,892,030	7,422,190	469,840	0	0	0	18,144,370	9,913,927	8,230,443
2002	2,890,397	99,676	2,790,721	4,321,128	149,175	4,171,954	0	0	0	7,211,526	248,851	6,962,675
2003	3,109,648	1,189,040	1,920,608	4,522,593	161,825	4,360,768	0	0	0	7,632,240	1,350,865	6,281,375
2004	1,431,856	770,051	661,805	9,387,674	483,742	8,903,933	0	0	0	10,819,531	1,253,792	9,565,738
2005	2,489,593	989,963	1,499,629	2,626,319	805,938	1,820,381	0	0	0	5,115,911	1,795,901	3,320,010
2006	3,162,303	1,113,208	2,049,095	4,390,122	1,161,911	3,228,212	0	0	0	7,552,425	2,275,119	5,277,306
2007	2,889,444	1,347,955	1,541,489	2,673,913	953,635	1,720,277	0	0	0	5,563,357	2,301,591	3,261,766
2008	3,191,535	1,685,069	1,506,467	22,046,640	1,368,819	20,677,821	0	0	0	25,238,175	3,053,888	22,184,287
2009	5,393,168	551,960	4,841,208	12,918,204	1,504,671	11,413,533	0	0	0	18,311,372	2,056,631	16,254,741
2010	5,073,606	1,302,949	3,770,657	5,200,980	164,038	5,036,942	0	0	0	10,274,586	1,466,987	8,807,599
2011	4,833,260	1,563,569	3,269,691	6,499,127	129,753	6,369,374	0	0	0	11,332,387	1,693,322	9,639,065
2012	3,633,147	1,222,179	2,410,968	6,284,599	110,449	6,174,150	0	0	0	9,917,746	0	8,585,118
2013	0	0	0	6,013,247	105,365	5,907,882	0	0	0	6,013,247	105,365	5,907,882
2014	5,917,858	1,572,358	4,345,500	6,414,788	85,712	6,329,076	0	0	0	12,332,646	1,658,070	10,674,576
2015	5,337,333	1,699,436	3,637,897	5,821,078	27,101	5,793,977	0	0	0	11,158,411	1,726,537	9,431,874
2016	0	0	0	8,147,440	4,238	8,143,202	0	0	0	8,147,440	4,238	8,143,202
2017	7,217,082	254,044	6,963,038	6,976,724	4,035	6,972,689	0	0	0	14,193,806	258,079	13,935,727
2018	0	0	0	0	0	0	0	0	0	0	0	0
Total	\$ 100,324,039	\$ 36,402,778	\$ 63,921,261	\$ 160,591,714	\$ 21,407,874	\$ 137,286,371	\$ 4,345,883	\$ 941,920	\$ 3,403,963	\$ 265,261,636	\$ 57,419,944	\$ 204,611,595

POWDER RIVER ENERGY CORPORATION
ACTUAL CONSUMERS BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Test Year													
Residential	14,023	13,993	14,017	14,027	14,009	14,042	14,048	14,055	14,100	14,084	14,080	14,084	168,562
Resi - Non Standard	696	696	696	698	697	706	712	720	722	722	734	734	8,533
Residential ToD	116	116	117	116	116	117	117	117	119	116	117	116	1,400
Res ToD - Non Standard	15	15	15	15	15	16	15	15	15	16	15	15	182
Resi - Heat Rate	201	203	204	203	206	208	206	211	210	214	221	220	2,507
Resi - Heat Rate NS	62	62	63	63	63	63	63	63	64	66	68	69	769
Residential	15,113	15,085	15,112	15,122	15,106	15,152	15,161	15,181	15,230	15,218	15,235	15,238	181,953
Seasonal	5	3	2	2	5	2	18	7	10	3,382	16	3,353	6,805
Seasonal - Non Standard	0	0	0	0	0	0	1	0	0	5	0	5	11
Seasonal	5	3	2	2	5	2	19	7	10	3,387	16	3,358	6,816
Irrigation	57	64	236	74	144	171	207	199	184	88	69	85	1,578
Gen Serv - 1 Phase	2,651	2,627	2,632	2,638	2,646	2,650	2,661	2,666	2,671	2,676	2,714	2,713	31,945
Gen Serv - 3 Phase	3,024	3,021	3,022	3,027	3,020	3,032	3,056	3,022	3,025	3,027	3,028	3,024	36,328
Total GS	5,675	5,648	5,654	5,665	5,666	5,682	5,717	5,688	5,696	5,703	5,742	5,737	68,273
Gen Serv - 1Ph CBM	94	94	94	94	94	94	94	93	93	93	93	89	1,119
Gen Serv - 3Ph CBM	523	523	515	515	496	492	490	494	483	485	485	511	6,012
Total Gen Serv - CBM	617	617	609	609	590	586	584	587	576	578	578	600	7,131
Large Power	1,137	1,140	1,140	1,142	1,147	1,151	1,165	1,157	1,163	1,164	1,165	1,185	13,856
LP CBM - Secondary	645	638	636	627	626	627	647	614	606	607	607	609	7,489
LP CBM - Primary	18	18	18	18	18	18	18	18	18	18	18	18	216
Total LP CBM	663	656	654	645	644	645	665	632	624	625	625	627	7,705
LPT - Coal	13	13	13	13	13	13	13	13	13	13	13	13	156
LPT - CBM	5	5	5	5	5	5	5	5	5	5	5	5	60
LPT - General	1	1	1	1	1	1	1	1	1	1	1	1	12
Idle Services	550	553	558	568	570	562	557	546	536	537	545	544	6,626
Black Hills	0	0	0	0	0	0	0	0	0	0	0	2	2
Security Lighting													0
Street Lighting	27	28	28	28	28	28	28	28	28	28	28	28	335
Lighting	27	28	28	28	28	28	28	28	28	28	28	28	335
Total	23,863	23,813	24,012	23,874	23,919	23,998	24,122	24,044	24,066	27,347	24,022	27,423	294,503

Scheudle F-1.0

POWDER RIVER ENERGY CORPORATION
ADJUSTED CONSUMERS BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Adjusted Test Year													
Residential	14,086	14,089	14,101	14,097	14,096	14,089	14,099	14,106	14,134	14,147	14,138	14,141	169,325
Res >200 Amps	699	701	700	702	701	708	715	723	724	725	737	737	8,571
Residential ToD	117	117	118	117	117	117	117	117	119	117	117	116	1,406
Res ToD >200 Amps	15	15	15	15	15	16	15	15	15	16	15	15	183
Res Heat Rate	202	204	205	204	207	209	207	212	211	215	222	221	2,518
Res Heat Rate >200 Residential	62	62	63	63	63	63	63	63	64	66	68	69	772
Residential	15,181	15,188	15,203	15,198	15,200	15,203	15,216	15,236	15,267	15,286	15,298	15,300	182,776
Seasonal	0	0	0	0	0	0	0	0	0	3,347	0	3,347	6,694
Season >200 Amps	0	0	0	0	0	0	0	0	0	5	0	5	10
Seasonal	0	0	0	0	0	0	0	0	0	3,352	0	3,352	6,704
Irrigation	243	243	244	245	247	248	248	248	248	248	248	248	2,958
GS 1 Ph	2,677	2,664	2,668	2,667	2,676	2,682	2,676	2,696	2,699	2,702	2,723	2,726	32,256
GS 3 Ph	3,054	3,064	3,064	3,060	3,055	3,069	3,073	3,056	3,056	3,056	3,038	3,038	36,683
Total GS	5,731	5,728	5,732	5,727	5,731	5,751	5,749	5,752	5,755	5,758	5,761	5,764	68,939
GS 1 Ph - CBM	91	91	92	92	95	98	99	96	97	96	95	87	1,131
GS 3 Ph - CBM	507	507	507	507	503	513	513	511	505	501	497	500	6,069
Total GS - CBM	598	598	599	599	598	611	612	607	602	597	592	587	7,200
Large Power	1,179	1,178	1,179	1,177	1,187	1,172	1,171	1,171	1,171	1,171	1,171	1,171	14,098
LP CBM Secondary	610	610	611	610	609	586	582	579	577	575	573	571	7,092
LP CBM-Primary	17	17	17	17	18	17	16	17	17	17	17	17	205
Total LP CBM	627	627	628	627	627	603	598	596	594	592	590	588	7,297
LP Trans Coal	10	10	10	10	10	10	10	10	10	10	10	10	120
LP Trans CBM	5	5	5	5	5	5	5	5	5	5	5	5	60
LP Trans General	1	1	1	1	1	1	1	1	1	1	1	1	12
Idle Services	550	553	558	568	570	562	557	546	536	537	545	544	6,626
Black Hills	0	0	0	0	0	0	0	0	0	0	0	2	2
Security Lighting													0
Street Lighting	27	28	28	28	28	28	28	28	28	28	28	28	335
Lighting	27	28	28	28	28	28	28	28	28	28	28	28	335
Total	46,316	46,328	46,377	46,364	46,388	46,390	46,398	46,419	46,463	53,198	46,518	53,219	297,127

Scheudle F-1.1

POWDER RIVER ENERGY CORPORATION
ACTUAL KWH SOLD BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Test Year													
Residential	22,081,571	21,513,134	18,728,859	15,252,755	9,079,656	10,867,195	12,228,282	11,231,211	11,121,571	12,417,837	18,318,204	18,169,657	181,009,932
Resi - Non Standard	1,929,329	1,908,467	1,610,894	1,299,751	776,435	941,598	1,041,912	998,967	979,348	1,118,564	1,697,452	1,687,572	15,990,289
Residential ToD	366,997	360,245	303,281	240,542	113,299	138,683	121,947	115,355	129,389	188,839	306,643	306,339	2,691,559
Res ToD - Non Standard	66,376	67,548	50,814	38,702	17,709	18,218	20,183	17,964	20,431	33,431	56,464	54,699	462,539
Resi - Heat Rate	736,708	746,884	581,628	447,919	204,620	198,923	210,285	199,501	229,261	380,003	637,251	650,738	5,223,721
Resi - Heat Rate NS	278,426	285,866	221,832	170,857	83,188	87,598	91,526	88,988	98,829	137,389	243,351	252,884	2,040,734
Residential	25,459,407	24,882,144	21,497,308	17,450,526	10,274,907	12,252,215	13,714,135	12,651,986	12,578,829	14,276,063	21,259,365	21,121,889	207,418,774
Seasonal	-1,579	186	6,340	-1,553	1,390	432	37,526	2,263	26,372	7,631,295	-20,272	1,802,664	9,485,064
Seasonal - Non Standard	0	0	0	0	0	0	2,360	0	0	50,903	0	14,657	67,920
Seasonal	-1,579	186	6,340	-1,553	1,390	432	39,886	2,263	26,372	7,682,198	-20,272	1,817,321	9,552,984
Irrigation	8,597	6,510	10,013	13,010	327,308	631,716	1,166,761	1,239,131	710,468	29,938	18,903	6,556	4,168,911
Gen Serv - 1 Phase	3,934,343	2,943,396	3,172,582	2,563,173	1,914,196	2,133,852	2,273,065	2,146,367	2,161,209	2,349,286	3,019,048	2,847,818	31,458,335
Gen Serv - 3 Phase	9,004,573	6,384,843	7,959,333	6,694,376	6,349,602	6,441,865	6,482,915	6,530,732	7,028,297	6,634,208	8,176,787	7,358,707	85,046,238
Total GS	12,938,916	9,328,239	11,131,915	9,257,549	8,263,798	8,575,717	8,755,980	8,677,099	9,189,506	8,983,494	11,195,835	10,206,525	116,504,573
Gen Serv - 1Ph CBM	433,587	386,127	387,154	346,832	309,670	287,499	267,798	253,893	275,281	333,979	353,515	377,365	4,012,700
Gen Serv - 3Ph CBM	2,136,870	1,752,214	1,963,486	1,797,448	1,791,101	1,518,220	1,444,006	1,411,147	1,476,602	1,598,831	1,722,223	1,675,471	20,287,619
Total Gen Serv - CBM	2,570,457	2,138,341	2,350,640	2,144,280	2,100,771	1,805,719	1,711,804	1,665,040	1,751,883	1,932,810	2,075,738	2,052,836	24,300,319
Large Power	48,140,237	40,659,446	45,978,973	40,565,292	39,592,819	38,855,677	38,318,550	39,013,403	41,321,634	39,598,835	43,313,247	40,223,647	495,581,760
LP CBM - Secondary	15,951,829	15,223,403	16,046,737	14,834,557	14,977,074	13,867,662	13,882,567	13,133,817	17,532,379	10,337,143	14,058,914	14,302,006	174,148,088
LP CBM - Primary	5,179,080	4,810,920	5,136,720	4,596,600	5,158,080	4,692,840	4,662,480	4,744,440	4,878,120	5,084,640	5,036,760	4,994,160	58,974,840
Total LP CBM	21,130,909	20,034,323	21,183,457	19,431,157	20,135,154	18,560,502	18,545,047	17,878,257	22,410,499	15,421,783	19,095,674	19,296,166	233,122,928
LPT - Coal	95,827,383	87,180,356	91,438,817	80,248,176	72,206,595	69,316,124	78,275,012	81,803,914	82,940,678	88,272,996	86,448,457	92,195,001	1,006,153,509
LPT - CBM	8,232,000	7,476,000	7,896,000	5,628,000	5,376,000	4,900,000	5,012,000	4,956,000	5,012,000	5,096,000	5,096,000	5,488,000	70,168,000
LPT - General	819,000	707,000	1,330,000	1,092,000	1,218,000	868,000	378,000	945,000	693,000	637,000	1,197,000	1,036,000	10,920,000
Idle Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Hills	83,749	0	0	0	0	0	0	0	0	0	0	1,034,460	1,118,209
Security Lighting	177,719	177,021	177,235	177,185	178,128	176,509	177,172	176,062	175,749	204,754	175,265	180,641	2,153,440
Street Lighting	74,768	75,034	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	903,582
Lighting	252,487	252,055	252,613	252,563	253,506	251,887	252,550	251,440	251,127	280,132	250,643	256,019	3,057,022
Total	215,461,563	192,664,600	203,076,076	176,081,000	159,750,248	156,017,989	166,169,725	169,083,533	176,885,996	182,211,249	189,930,590	194,734,420	2,182,066,989
Form 7	215,461,563	192,664,600	203,076,076	176,081,000	159,739,368	156,017,989	166,169,725	169,083,533	172,922,556	186,215,819	189,889,460	194,734,420	2,182,056,109

Schedule F-2.0

**POWDER RIVER ENERGY CORPORATION
BUDGET KWH SOLD WITH ACTUAL THROUGH MAY 2019 BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING 12/31/2018**

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Adjusted Test Year													
Residential	23,353,368	24,096,767	18,909,429	14,522,725	12,526,766	10,232,831	11,922,333	13,319,745	12,242,296	11,194,588	15,787,991	21,128,804	189,237,642
Resi - Non Standard	2,040,449	2,137,665	1,626,425	1,237,542	1,071,210	886,633	1,015,844	1,184,733	1,078,037	1,008,377	1,462,990	1,962,413	16,712,320
Residential ToD	388,134	403,509	306,205	229,029	156,313	130,587	118,896	136,806	142,428	170,237	264,288	356,230	2,802,662
Res ToD - Non Standard	70,199	75,660	51,304	36,850	24,432	17,155	19,678	21,305	22,490	30,138	48,665	63,607	481,482
Resi - Heat Rate	779,139	836,581	587,236	426,481	282,304	187,311	205,024	236,600	252,364	342,570	549,230	756,718	5,441,558
Resi - Heat Rate NS	294,462	320,197	223,971	162,679	114,770	82,485	89,236	105,536	108,788	123,855	209,738	294,069	2,129,787
Residential	26,925,752	27,870,380	21,704,569	16,615,306	14,175,797	11,537,002	13,371,010	15,004,724	13,846,402	12,869,765	18,322,902	24,561,842	216,805,451
Seasonal	1,478	1	1,133	4,779	2,214	22,470	236	0	0	7,893,751	0	1,575,622	9,501,685
Seasonal - Non Standard	0	0	0	0	0	0	15	0	0	52,654	0	12,811	65,479
Seasonal	1,478	1	1,133	4,779	2,214	22,470	251	0	0	7,946,405	0	1,588,433	9,567,164
Irrigation	9,161	7,818	5,150	6,978	20,282	303,077	803,750	803,750	703,355	160,109	41,160	28,203	2,892,793
Gen Serv - 1 Phase	3,732,007	3,464,330	2,974,499	2,420,957	2,203,518	1,987,019	2,279,121	2,111,539	2,195,134	2,279,385	3,062,951	2,969,097	31,679,558
Gen Serv - 3 Phase	8,541,484	7,514,859	7,462,386	6,322,943	7,309,315	5,998,593	6,500,187	6,424,763	7,138,620	6,436,813	8,295,695	7,672,089	85,617,746
Total GS	12,273,491	10,979,189	10,436,885	8,743,900	9,512,833	7,985,612	8,779,308	8,536,302	9,333,754	8,716,198	11,358,646	10,641,186	117,297,304
Gen Serv - 1Ph CBM	379,295	355,601	317,564	287,938	263,298	247,152	232,032	228,948	247,243	298,707	304,839	324,105	3,486,721
Gen Serv - 3Ph CBM	1,869,301	1,613,689	1,610,554	1,492,230	1,522,892	1,305,154	1,251,149	1,272,501	1,326,207	1,429,976	1,485,085	1,439,000	17,617,739
Total Gen Serv - CBM	2,248,596	1,969,290	1,928,118	1,780,168	1,786,190	1,552,306	1,483,181	1,501,449	1,573,450	1,728,683	1,789,924	1,763,105	21,104,460
Large Power	45,373,220	39,910,942	42,312,251	38,275,914	40,906,024	37,670,655	38,552,834	42,299,706	40,935,199	42,299,706	40,935,199	42,299,706	491,771,356
LP CBM - Secondary	14,699,961	13,055,057	13,823,114	13,411,202	12,970,599	12,308,844	12,191,543	11,505,661	12,665,299	11,293,773	12,139,760	12,286,099	152,350,913
LP CBM - Primary	4,772,636	4,125,677	4,424,916	4,155,563	4,467,053	4,165,334	4,094,547	4,156,288	3,523,929	5,555,188	4,349,202	4,290,219	52,080,551
Total LP CBM	19,472,597	17,180,734	18,248,030	17,566,765	17,437,652	16,474,178	16,286,090	15,661,949	16,189,228	16,848,961	16,488,962	16,576,318	204,431,464
LPT - Coal	82,731,814	76,469,887	74,831,938	71,139,848	69,591,427	67,444,662	69,790,966	70,677,757	71,675,825	74,728,064	72,282,318	77,035,651	878,400,157
LPT - CBM	5,264,000	4,788,000	5,152,000	4,900,000	4,844,000	4,424,000	4,536,000	4,501,403	4,551,445	4,628,372	4,629,613	4,986,120	57,204,953
LPT - General	693,000	588,000	588,000	861,000	609,000	588,000	658,000	661,500	518,549	484,686	824,377	711,442	7,785,554
Idle Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Hills	83,749	0	0	0	0	0	0	0	0	0	0	1,034,460	1,118,209
Security Lighting	177,719	177,021	177,235	177,185	178,128	176,509	177,172	176,062	175,749	204,754	175,265	180,641	2,153,440
Street Lighting	74,768	75,034	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	903,582
Lighting	252,487	252,055	252,613	252,563	253,506	251,887	252,550	251,440	251,127	280,132	250,643	256,019	3,057,022
Total	195,329,345	180,016,296	175,460,687	160,147,221	159,138,925	148,253,849	154,513,940	159,899,980	159,578,334	170,691,081	166,923,744	181,482,485	2,011,435,887

POWDER RIVER ENERGY CORPORATION
REVENUE BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

<u>Test Year</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Residential	2,330,720	2,280,870	2,032,016	1,720,877	1,168,588	1,328,434	1,450,347	1,361,997	1,352,285	1,468,903	1,996,902	1,983,732	20,475,671
Resi - Non Standard	193,471	191,626	165,006	137,152	90,343	105,247	114,493	110,931	109,438	121,681	173,762	172,999	1,686,149
Residential ToD	32,698	32,087	27,362	22,325	12,323	15,250	13,863	13,284	13,780	18,046	27,844	27,808	256,673
Res ToD - Non Standard	5,622	5,700	4,415	3,486	1,902	2,081	2,257	2,058	2,149	3,111	4,928	4,785	42,494
Resi - Heat Rate	51,344	51,096	43,016	35,259	23,919	23,426	24,472	23,569	26,233	31,618	46,818	36,829	417,599
Resi - Heat Rate NS	20,239	20,495	17,011	13,876	9,492	9,887	10,238	10,011	10,924	11,878	18,572	18,830	171,452
Residential	2,634,093	2,581,874	2,288,826	1,932,975	1,306,568	1,484,324	1,615,670	1,521,850	1,514,809	1,655,238	2,268,827	2,244,983	23,050,038
Seasonal	-437	155	708	212	718	310	6,015	1,264	4,571	1,538,247	-2,048	332,277	1,881,992
Seasonal - Non Standard	0	0	0	0	0	0	364	0	0	6,053	-225	1,611	7,803
Seasonal	-437	155	708	212	718	310	6,379	1,264	4,571	1,544,300	-2,273	333,888	1,889,795
Irrigation	241	560	189,153	1,007	34,061	55,075	100,754	106,650	59,022	2,577	1,627	564	551,292
Gen Serv - 1 Phase	439,053	351,188	371,407	317,810	279,247	280,582	293,156	282,043	283,904	300,497	360,807	345,711	3,905,405
Gen Serv - 3 Phase	916,891	684,457	821,751	710,319	661,175	688,238	692,156	696,014	739,814	705,153	840,988	768,945	8,925,900
Total GS	1,355,944	1,035,645	1,193,158	1,028,129	940,422	968,820	985,312	978,057	1,023,717	1,005,651	1,201,795	1,114,656	12,831,305
Gen Serv - 1Ph CBM	50,024	44,960	45,069	40,587	36,802	34,436	32,321	30,811	33,093	39,356	41,352	43,825	472,634
Gen Serv - 3Ph CBM	251,358	210,221	232,695	214,585	213,428	184,048	175,966	172,263	179,286	192,383	205,581	202,106	2,433,919
Total Gen Serv - CBM	301,381	255,180	277,765	255,172	250,229	218,484	208,287	203,074	212,379	231,739	246,933	245,930	2,906,553
Large Power	4,078,933	3,652,009	3,949,544	3,637,269	3,554,367	3,514,627	3,460,201	3,533,334	3,656,514	3,573,445	3,791,279	3,626,770	44,028,292
LP CBM - Secondary	1,509,624	1,462,187	1,501,777	1,424,562	1,425,090	1,357,206	1,342,012	1,293,971	1,505,964	1,146,880	1,337,963	1,351,507	16,658,741
LP CBM - Primary	402,467	384,086	371,075	342,180	361,303	336,576	335,793	339,987	347,306	358,972	358,132	355,480	4,293,355
Total LP CBM	1,912,091	1,846,272	1,872,852	1,766,742	1,786,393	1,693,782	1,677,805	1,633,958	1,853,270	1,505,851	1,696,095	1,706,987	20,952,097
LPT - Coal	5,977,328	5,721,153	5,807,050	5,319,867	4,894,206	4,751,539	5,064,958	5,219,871	5,280,541	5,641,146	5,526,244	5,811,903	65,015,805
LPT - CBM	489,209	479,915	489,642	404,356	338,418	319,933	301,597	305,824	301,916	315,458	311,732	328,350	4,386,350
LPT - General	60,546	59,640	77,971	47,063	53,886	66,476	42,882	43,419	36,463	37,801	60,202	69,234	655,583
Idle Services	16,969	16,895	17,069	17,584	16,547	17,423	17,300	16,997	16,799	16,861	17,054	17,024	204,522
Black Hills	9,013	0	0	0	0	0	0	0	0	0	0	61,840	70,853
Security Lighting	19,825	19,748	19,762	19,766	19,769	19,691	19,752	19,645	19,610	22,862	19,548	20,156	240,134
Street Lighting	8,067	8,093	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	97,437
Lighting	27,893	27,841	27,890	27,894	27,896	27,819	27,879	27,772	27,737	30,990	27,676	28,284	337,571
Total	16,863,204	15,677,140	16,191,628	14,438,269	13,203,711	13,118,614	13,509,023	13,592,068	13,987,739	15,561,056	15,147,191	15,590,413	176,880,055

Schedule F-3.0

POWDER RIVER ENERGY CORPORATION
ACTUAL BASE REVENUE BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Test Year													
Residential	2,140,352	2,095,263	1,870,268	1,588,910	1,089,408	1,234,051	1,344,301	1,264,499	1,255,729	1,361,210	1,838,690	1,826,790	18,909,472
Resi - Non Standard	176,895	175,227	151,157	125,967	83,642	97,131	105,517	102,323	100,998	112,048	159,168	158,490	1,548,562
Residential ToD	29,561	28,992	24,755	20,244	11,344	14,065	12,810	12,287	12,664	16,449	25,209	25,176	233,557
Res ToD - Non Standard	5,052	5,120	3,979	3,153	1,749	1,923	2,082	1,903	1,973	2,823	4,443	4,315	38,514
Resi - Heat Rate	45,033	44,691	38,026	31,414	22,159	21,714	22,664	21,853	24,262	28,349	41,351	31,246	372,761
Resi - Heat Rate NS	17,849	18,042	15,106	12,408	8,775	9,132	9,450	9,244	10,073	10,697	16,483	16,659	153,918
Residential	2,414,742	2,367,335	2,103,291	1,782,097	1,217,078	1,378,017	1,496,823	1,412,109	1,405,697	1,531,576	2,085,344	2,062,676	21,256,784
Seasonal	-427	154	654	222	707	306	5,689	1,245	4,345	1,472,615	-1,874	316,799	1,800,435
Seasonal - Non Standard	0	0	0	0	0	0	344	0	0	5,617	-225	1,485	7,221
Seasonal	-427	154	654	222	707	306	6,033	1,245	4,345	1,478,232	-2,099	318,285	1,807,656
Irrigation	166	505	189,067	896	31,256	49,663	90,757	96,033	52,935	2,320	1,465	508	515,572
Gen Serv - 1 Phase	405,229	325,854	344,111	295,734	261,508	262,185	273,568	263,538	265,219	280,255	334,826	321,197	3,633,225
Gen Serv - 3 Phase	839,484	629,710	753,513	652,919	607,950	633,002	636,569	640,017	679,554	648,270	770,888	705,855	8,197,731
Total GS	1,244,712	955,564	1,097,625	948,653	869,459	895,187	910,137	903,555	944,773	928,525	1,105,714	1,027,052	11,830,956
Gen Serv - 1Ph CBM	46,308	41,651	41,751	37,795	34,148	31,972	30,026	28,635	30,733	36,493	38,322	40,591	438,425
Gen Serv - 3Ph CBM	233,046	195,207	215,871	199,184	198,081	171,039	163,593	160,172	166,634	178,684	190,824	187,749	2,260,084
Total Gen Serv - CBM	279,354	236,858	257,623	236,978	232,229	203,011	193,619	188,806	197,367	215,177	229,146	228,340	2,698,509
Large Power	3,666,747	3,303,629	3,555,587	3,289,516	3,215,126	3,181,702	3,131,878	3,199,057	3,302,461	3,234,153	3,420,161	3,282,124	39,782,141
LP CBM - Secondary	1,372,219	1,331,753	1,364,288	1,297,460	1,296,766	1,238,388	1,223,066	1,181,440	1,355,746	1,058,311	1,217,506	1,228,968	15,165,912
LP CBM - Primary	358,093	342,866	327,064	302,796	317,108	296,368	295,844	299,336	305,511	315,407	314,977	312,690	3,788,059
Total LP CBM	1,730,312	1,674,618	1,691,352	1,600,256	1,613,875	1,534,756	1,518,911	1,480,777	1,661,257	1,373,718	1,532,483	1,541,657	18,953,971
LPT - Coal	5,926,827	5,675,209	5,758,862	5,277,576	4,856,153	4,715,010	5,023,707	5,176,760	5,236,831	5,594,604	5,480,707	5,763,316	64,485,562
LPT - CBM	458,636	452,149	460,316	383,454	318,452	301,735	282,982	287,417	283,301	296,532	292,806	307,968	4,125,746
LPT - General	57,504	57,014	73,031	43,007	49,363	63,253	41,479	39,909	33,889	35,435	55,757	65,386	615,026
Idle Services	16,969	16,895	17,069	17,584	16,547	17,423	17,300	16,997	16,799	16,861	17,054	17,024	204,522
Black Hills	9,013	0	0	0	0	0	0	0	0	0	0	61,840	70,853
Security Lighting	19,825	19,748	19,762	19,766	19,769	19,691	19,752	19,645	19,610	22,862	19,548	20,156	240,134
Street Lighting	7,427	7,450	7,482	7,482	7,482	7,482	7,482	7,482	7,482	7,482	7,482	7,482	89,697
Lighting	27,252	27,198	27,244	27,248	27,251	27,173	27,234	27,127	27,092	30,344	27,030	27,638	329,831
Total	15,831,809	14,767,127	15,231,721	13,607,486	12,447,493	12,367,235	12,740,859	12,829,791	13,166,747	14,737,476	14,245,569	14,703,814	166,677,127

Form 7

Schedule F-3.1

PRECorp/2019 General Rate Case
HA000877

POWDER RIVER ENERGY CORPORATION
ACTUAL COPA REVENUE BY RATE SCHEDULE
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Test Year													
Residential	190,368	185,607	161,748	131,967	79,180	94,383	106,046	97,498	96,557	107,693	158,212	156,942	1,566,199
Resi - Non Standard	16,577	16,398	13,849	11,184	6,701	8,116	8,976	8,608	8,440	9,633	14,594	14,509	137,587
Residential ToD	3,137	3,095	2,607	2,082	979	1,185	1,053	997	1,116	1,597	2,635	2,632	23,115
Res ToD - Non Standard	570	580	437	333	153	157	174	155	176	288	485	470	3,980
Resi - Heat Rate	6,311	6,406	4,990	3,845	1,760	1,711	1,809	1,716	1,971	3,270	5,468	5,583	44,839
Resi - Heat Rate NS	2,390	2,453	1,905	1,468	717	755	788	767	851	1,181	2,089	2,171	17,535
Residential	219,352	214,539	185,535	150,879	89,490	106,307	118,847	109,741	109,112	123,662	183,482	182,308	1,793,254
Seasonal	-11	2	54	-10	12	4	325	19	226	65,632	-174	15,478	81,557
Seasonal - Non Standard	0	0	0	0	0	0	20	0	0	436	0	126	582
Seasonal	-11	2	54	-10	12	4	346	19	226	66,068	-174	15,604	82,139
Irrigation	74	56	86	111	2,804	5,413	9,997	10,617	6,087	257	162	56	35,720
Gen Serv - 1 Phase	33,825	25,334	27,296	22,076	17,739	18,397	19,588	18,505	18,685	20,242	25,981	24,513	272,180
Gen Serv - 3 Phase	77,407	54,747	68,237	57,399	53,225	55,236	55,587	55,998	60,260	56,883	70,100	63,090	728,169
Total GS	111,232	80,081	95,533	79,475	70,963	73,633	75,175	74,502	78,945	77,126	96,081	87,603	1,000,349
Gen Serv - 1Ph CBM	3,716	3,309	3,318	2,792	2,654	2,464	2,295	2,176	2,359	2,862	3,030	3,234	34,209
Gen Serv - 3Ph CBM	18,312	15,014	16,824	15,401	15,347	13,009	12,373	12,091	12,652	13,700	14,757	14,356	173,835
Total Gen Serv - CBM	22,027	18,323	20,142	18,194	18,001	15,473	14,668	14,268	15,012	16,562	17,786	17,590	208,045
Large Power	412,185	348,380	393,957	347,753	339,241	332,925	328,323	334,277	354,053	339,292	371,118	344,646	4,246,151
LP CBM - Secondary	137,404	130,434	137,488	127,102	128,324	118,818	118,946	112,531	150,218	88,569	120,457	122,540	1,492,830
LP CBM - Primary	44,374	41,220	44,011	39,384	44,194	40,208	39,948	40,650	41,796	43,565	43,155	42,790	505,296
Total LP CBM	181,779	171,654	181,500	166,486	172,518	159,026	158,894	153,181	192,013	132,134	163,612	165,330	1,998,126
LPT - Coal	50,501	45,944	48,188	42,291	38,053	36,530	41,251	43,111	43,710	46,542	45,537	48,587	530,243
LPT - CBM	30,574	27,766	29,326	20,902	19,966	18,199	18,615	18,407	18,615	18,927	18,927	20,382	260,604
LPT - General	3,042	2,626	4,940	4,056	4,524	3,224	1,404	3,510	2,574	2,366	4,446	3,848	40,557
Idle Services	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Hills	0	0	0	0	0	0	0	0	0	0	0	0	0
Security Lighting	0	0	0	0	0	0	0	0	0	0	0	0	0
Street Lighting	640	643	646	646	646	646	646	646	646	646	646	646	7,740
Lighting	640	643	646	646	646	646	646	646	646	646	646	646	7,740
Total	1,031,395	910,013	959,907	830,782	756,218	751,379	768,165	762,278	820,992	823,580	901,621	886,599	10,202,928

Form 7

Schedule F-3.2

PRECorp/2019 General Rate Case
HA000878

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED REVENUE UNDER APPROVED RATES**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
1. RESIDENTIAL			
Total Customers	169,325	25.50	4,317,777
Total Customers >200 Amps	8,571	30.00	257,145
All kWh	205,949,962	0.080875	16,656,203
Billing Adjustments			
Subtotal Base			21,231,125
COPA Revenue			1,143,619
Basin Bill Credit			0
Total Revenue			22,374,743
2. RESIDENTIAL TIME OF DAY			
Total Customers	1,406	25.50	35,861
Total Customers >200 Amps	183	30.00	5,485
September - May			
On Peak kWh	1,220,066	0.084180	102,705
Off Peak kWh	1,605,745	0.059800	96,024
kWh June - August	458,333	0.080875	37,068
Billing Adjustments			
Subtotal Base	3,284,144		277,142
COPA Revenue			18,237
Basin Bill Credit			0
Total Revenue			295,379
3. RESIDENTIAL HEAT RATE			
Total Customers	2,518	27.50	69,253
Total Customers >200 Amps	772	32.50	25,105
All kWh	7,571,345	0.080875	612,333
Heat Credit - Oct-Apr	3,870,244	-0.039810	(154,074)
Billing Adjustments			
Subtotal Base			552,617
COPA Revenue			42,043
Basin Bill Credit			0
Total Revenue			594,660
1-3 TOTAL RESIDENTIAL	216,805,451		23,264,782

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED REVENUE UNDER APPROVED RATES**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
4. SEASONAL			
Annual Customers	3,347	306.00	1,024,191
Annual Customers > 200 Amps kWh	5 9,567,164	360.00 0.080875	1,789 773,744
Billing Adjustments			
Subtotal Base			1,799,725
COPA Revenue			53,125
Basin Bill Credit			0
Total Revenue			1,852,850
5. GENERAL SERVICE			
Total Customers - Single Phase	32,256	35.00	1,128,967
Total Customers - Three Phase kWh	36,683 117,297,304	40.00 0.07950	1,467,312 9,325,136
Billing Adjustments			
Subtotal Base			11,921,415
COPA Revenue			651,340
Basin Bill Credit			0
Total Revenue			12,572,754
6. GENERAL SERVICE - CBM			
Total Customers - Single Phase	1,131	40.00	45,227
Total Customers - Three Phase kWh	6,069 21,104,460	45.00 0.09813	273,120 2,070,981
Capital Cost Recovery (CCR)			0
Billing Adjustments			
Subtotal Base			2,389,327
COPA Revenue			117,191
Basin Bill Credit			0
Total Revenue			2,506,518
7. IRRIGATION			
Total Horsepower	8,618	22.50	193,905
kWh	2,892,793	0.07750	224,191
Billing Adjustments			
Subtotal Base			418,096
COPA Revenue			16,063
Basin Bill Credit			0
Total Revenue			434,160

POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED REVENUE UNDER APPROVED RATES

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
8. LARGE POWER			
<u>Secondary</u>			
Total Customers	12,475	175.00	2,183,125
First 50 kW	615,793	3.25	2,001,326
Excess kW	690,611	6.25	4,316,321
First 200 kWh per kW	159,326,895	0.06605	10,523,541
Excess kWh	105,013,576	0.04605	4,835,875
Subtotal Secondary	264,340,471		23,860,188
<u>Primary</u>			
Total Customers	1,623	175.00	284,025
First 50 kW	73,119	3.25	237,635
Excess kW	491,671	6.25	3,072,945
First 200 kWh per kW	95,537,778	0.06605	6,310,270
Excess kWh	131,893,107	0.04605	6,073,678
Primary Service Discount			(272,266)
Subtotal Primary	227,430,885		15,706,288
Billing Adjustments			
Subtotal Base	491,771,356		39,566,476
COPA Revenue			2,730,755
Basin Bill Credit			0
Total	491,771,356		42,297,231
9. LARGE POWER - CBM			
<u>Secondary</u>			
Customers	7,092	225.00	1,595,795
First 50 kW	344,935	4.86	1,676,385
Excess kW	230,852	8.86	2,045,346
First 200 kWh per kW	85,664,632	0.06173	5,288,078
Excess kWh	66,686,281	0.04173	2,782,819
<u>Primary</u>			
Customers	205	260.00	53,191
First 50 kW	9,537	4.86	46,349
Excess kW	91,362	8.86	809,465
First 200 kWh per kW	20,001,181	0.06173	1,234,673
Excess kWh	32,079,370	0.04173	1,338,672
Primary Service Discount Demand	100,899	-0.43000	(43,386)
Primary Service Discount Energy		-3.00%	(85,876)
Adjustment			
Capital Cost Recovery (CCR)			
Subtotal Base	204,431,464		16,741,509
COPA Revenue			1,135,187
Basin Bill Credit			0
Total	204,431,464		17,876,696

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED REVENUE UNDER APPROVED RATES**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
10. LARGE POWER TRANSMISSION - COAL			
Retail Rate			
Customer (12 Month Sum)	120	1,000.00	120,000
System NCP - Transmission per NCP kW	1,805,329	0.90	1,624,796
Subtotal			1,744,796
Wholesale Rate			
Fixed Charge per NCP kW	1,805,329	15.00	27,079,941
kWh @ Sales Level	878,400,157	0.029999	26,351,126
Billing Adjustments	Load Factor	66.65%	
Subtotal			53,431,067
Base Revenue			55,175,864
COPA Revenue			2,254,136
Basin Bill Credit			0
Total			57,430,000
11. LARGE POWER TRANSMISSION - CBM			
Retail Rate			
Customer (12 Month Sum)	60	1,000.00	60,000
System NCP - Transmission per NCP kW	93,838	1.50	140,758
Subtotal			200,758
Wholesale Rate			
Fixed Charge per CP kW	83,442	18.10	1,510,300
kWh @ Sales Level	57,204,953	0.029100	1,664,664
Subtotal			3,174,964
Base Revenue			3,375,722
COPA Revenue			271,411
Basin Bill Credit			0
Total			3,647,133
12. LARGE POWER TRANSMISSION - GENERAL			
Retail Rate			
Customer (12 Month Sum)	12	300.00	3,600
System NCP - Transmission per NCP kW	20,943	0.70	14,660
Subtotal			18,260
Wholesale Rate			
Fixed Charge per CP kW	12,671	18.10	229,345
kWh @ Sales Level	7,785,554	0.028095	218,735
Subtotal			448,080
Base Revenue			466,340
COPA Revenue			36,939
Basin Bill Credit			0
Total			503,279

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED REVENUE UNDER APPROVED RATES**

		<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
13. STREET LIGHTING				
100 Watt High Pressure Sodium	52 kWh	240	9.00	2,160
150 Watt High Pressure Sodium	78 kWh	1,908	9.00	17,172
175 Watt Mercury Vapor	82 kWh	2,724	9.00	24,516
400 Watt Mercury Vapor	172 kWh	516	16.00	8,256
400 Watt High Pressure Sodium	188 kWh	2,307	16.00	36,912
Subtotal Base		7,695		89,016
COPA Revenue				5,017
Basin Bill Credit				0
Total Revenue				94,033
Total kWh		903,582		
14. OUTDOOR LIGHTING				
100 Watt High Pressure Sodium	52 kWh	708	9.00	6,372
150 Watt High Pressure Sodium	78 kWh	192	9.00	1,728
175 Watt Mercury Vapor	82 kWh	24,980	9.00	224,820
400 Watt Mercury Vapor	172 kWh	21	16.00	336
400 Watt Hight Pressure Sodium	188 kWh	84	16.00	1,344
Subtotal Base		25,985		234,600
COPA Revenue				11,958
Basin Bill Credit				0
Total Revenue				246,558
Total kWh		2,153,440		

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED REVENUE UNDER APPROVED RATES**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
15. BLACK HILLS ELECTRIC			
Base Revenue	1,118,209		70,853
COPA Revenue			
Basin Bill Credit			0
Total Revenue			70,853
16. TOTAL SYSTEM			
Base Revenue	2,011,435,887		154,309,827
COPA Revenue			8,487,020
Other Revenue			3,246,488
Total Revenue			166,043,335

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED COPA REVENUE WITH APPROVED BASE POWER COST**

	<u>Amount</u>
1 Adjusted Cost of Power for Adjusted Test Year	126,921,680
2 Less: Black Hills	53,223
3 Less: Bill Credit	
4 Less: LPT Power Cost (L14)	55,377,186
5 Less:LPT-CBM/G Power Cost (L22)	3,946,367
6 Remainder System Power Cost	67,544,904
8 Base Power Cost In Rates \$/kWh Sold	0.057755
9 Adjusted kWh for Test Year Less LPT, LPT CBM, LPC, Black Hills	1,066,927,014
10 Base Power Cost in Rates \$	61,620,370
11 Recoverable Power Cost (L6 - L10)	5,924,534
12 (Over)/Under Recovery	0
13 Total Amount to Include in COPA for Adjusted Test Year	5,924,534
COPA Factor for Remainder of System	0.005553
 <u>Billing Units</u> 	
<u>Large Power Transmission - LPT</u>	
14 Adjusted LPT Power Cost for Adjusted Test Year	55,377,186
15 LPTC Base Power Cost In Rates:	
16 Base Demand Charge NCP Billed @ Meter	1,805,329 14.97 27,025,781
17 Base Energy Charge kWh Billed @ Meter	878,400,157 0.02971 26,097,269
18 Total LPT Base Power Cost in Rate	53,123,050
19 LPT Recoverable Power Cost (L14 - L18)	2,254,136
20 (Over)/Under Recovery	0
21 Total Amount to Include in LPT COPA for Adjusted Test Year	2,254,136
COPA Factor for Large Power Transmission	0.002566
<u>Large Power Transmission - CBM and General</u>	
22 Adjusted LPT-CBM/G Power Cost for Adjusted Test Year	3,946,367
23 LPT-CBM/G Base Power Cost In Rates:	
24 Base Demand Charge CP Billed @ Meter	96,113 18.10 1,739,645
25 Base Energy Charge kWh Billed @ Meter	64,990,507 0.02921 1,898,373
26 Total LPT-CBM/G Base Power Cost in Rate	3,638,018
27 LPT-CBM/G Recoverable Power Cost (L22 - L26)	308,349
28 (Over)/Under Recovery	0
29 Total Amount to Include in LPT-CBM/G COPA for Adjusted Test Year	308,349
COPA Factor for LPT-CBM	0.004745

POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED COPA REVENUE WITH APPROVED BASE POWER COST

<u>Adjusted COPA Revenue</u>			<u>Amount</u>
Residential	189,237,642	0.005553	1,050,817
Resi - Non Standard	16,712,320	0.005553	92,802
Residential ToD	2,802,662	0.005553	15,563
Res ToD - Non Standard	481,482	0.005553	2,674
Resi - Heat Rate	5,441,558	0.005553	30,216
Resi - Heat Rate NS	2,129,787	0.005553	11,826
Residential	216,805,451		1,203,898
Seasonal	9,501,685	0.005553	52,762
Seasonal - Non Standard	65,479	0.005553	364
Seasonal	9,567,164		53,125
Irrigation	2,892,793	0.005553	16,063
Gen Serv - 1 Phase	31,679,558	0.005553	175,913
Gen Serv - 3 Phase	85,617,746	0.005553	475,426
Total GS	117,297,304		651,340
Gen Serv - 1Ph CBM	3,486,721	0.005553	19,361
Gen Serv - 3Ph CBM	17,617,739	0.005553	97,829
Total Gen Serv - CBM	21,104,460		117,191
Large Power	491,771,356	0.005553	2,730,755
LP CBM - Secondary	152,350,913	0.005553	845,989
LP CBM - Primary	52,080,551	0.005553	289,198
Total LP CBM	204,431,464		1,135,187
LPT - Coal	878,400,157	0.002566	2,254,136
LPT - CBM	57,204,953	0.004745	271,411
LPT - General	7,785,554	0.004745	36,939
Idle Services	0	0.004745	0
Black Hills	1,118,209		0
Security Lighting	2,153,440	0.005553	11,958
Street Lighting	903,582	0.005553	5,017
Lighting	3,057,022		16,975
Total	2,011,435,887		8,487,020

**POWDER RIVER ENERGY CORPORATION
ADJUSTED DEMAND
FOR THE TWELVE MONTHS ENDING 12/31/2018**

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Large Power</u>													
<u>Existing Metered kW</u>													
Secondary	56,783	55,497	54,721	54,225	51,884	49,981	48,699	49,769	50,368	51,701	51,888	54,173	629,689
Primary	37,313	37,244	37,010	36,504	35,429	33,279	34,401	34,225	35,141	35,791	35,916	34,935	427,189
Total	94,096	92,741	91,732	90,729	87,314	83,261	83,100	83,994	85,509	87,492	87,804	89,108	1,056,879
<u>Existing Billing kW</u>													
Secondary	112,828	112,157	110,518	110,451	109,862	109,455	110,013	108,051	107,099	107,080	106,947	109,384	1,313,845
Primary	45,993	46,076	46,151	45,850	45,905	45,205	47,430	47,342	49,438	49,467	48,977	49,517	567,350
Total	158,821	158,233	156,669	156,301	155,767	154,661	157,443	155,393	156,536	156,547	155,923	158,901	1,881,195
<u>Adjusted Metered kW</u>													
Secondary	53,519	54,475	50,358	51,164	53,605	48,457	48,997	53,961	49,897	55,227	49,039	56,969	625,669
Primary	35,169	36,558	34,059	34,444	36,605	32,264	34,611	37,108	34,812	38,233	33,944	36,738	424,544
Total	88,688	91,033	84,416	85,609	90,210	80,721	83,608	91,069	84,709	93,459	82,983	93,707	1,050,213
<u>Adjusted Billing kW</u>													
Secondary	106,342	110,092	101,704	104,217	113,506	106,117	110,686	117,153	106,097	114,383	101,075	115,030	1,306,404
Primary	43,350	45,227	42,471	43,262	47,427	43,827	47,720	51,329	48,975	52,841	46,288	52,072	564,790
Total	149,692	155,320	144,175	147,480	160,933	149,944	158,406	168,483	155,073	167,224	147,362	167,102	1,871,194
<u>Large Power - CBM</u>													
<u>Existing Metered kW</u>													
Secondary	35,146	34,677	33,983	34,141	33,447	32,252	31,418	30,738	29,360	29,866	30,388	30,100	385,515
Primary	8,779	8,677	8,738	8,660	8,447	8,225	8,216	8,231	8,199	8,420	8,567	8,517	101,676
Total	43,925	43,354	42,721	42,801	41,894	40,476	39,634	38,969	37,559	38,286	38,955	38,616	487,191
<u>Existing Billing kW</u>													
Secondary	57,383	57,050	56,622	55,090	55,127	54,658	56,510	52,585	51,725	51,783	51,988	51,943	652,465
Primary	12,122	12,092	9,712	9,508	8,837	8,672	8,700	8,763	8,814	8,949	9,070	9,025	114,264
Total	69,504	69,142	66,334	64,599	63,965	63,331	65,210	61,348	60,540	60,732	61,058	60,968	766,729
<u>Adjusted Metered kW</u>													
Secondary	32,387	29,738	29,274	30,865	28,966	28,626	27,591	26,928	21,209	32,630	26,240	25,857	340,312
Primary	8,090	7,441	7,527	7,829	7,315	7,300	7,216	7,210	5,923	9,199	7,398	7,316	89,765
Total	40,478	37,179	36,801	38,694	36,282	35,927	34,806	34,138	27,133	41,829	33,638	33,173	430,077
<u>Adjusted Billing kW</u>													
Secondary	52,879	48,924	48,776	49,805	47,742	48,514	49,627	46,066	37,366	56,575	44,891	44,622	575,787
Primary	11,171	10,369	8,366	8,596	7,653	7,698	7,640	7,676	6,367	9,777	7,832	7,753	100,899
Total	64,050	59,294	57,142	58,400	55,395	56,212	57,267	53,743	43,733	66,352	52,723	52,374	676,685

POWDER RIVER ENERGY CORPORATION
ADJUSTED DEMAND
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>LP Transmission</u>													
<u>Existing</u>													
Metered NCP kW	190,418	191,118	188,047	175,989	163,364	163,715	166,162	169,020	166,929	183,874	180,434	187,285	2,126,353
Billing NCP kW	191,013	191,502	188,729	179,573	168,241	164,817	167,329	170,297	171,930	184,294	180,728	187,582	2,146,035
<u>Adjustments</u>													
Totalize BT/NARM	-2,453	-1,893	-6,832	-3,584	-6,485	-5,936	-9,005	-3,528	-3,192	-5,342	-3,730	-3,438	-55,418
Remove BA/EB	-21,254	-21,469	-21,058	-20,058	-16,839	-16,009	-16,770	-17,341	-16,389	-21,008	-21,656	-21,830	-231,682
<u>Adjusted</u>													
Metered NCP kW	166,711	167,756	160,156	152,347	140,040	141,770	140,386	148,150	147,348	157,524	155,048	162,016	1,839,253
Billing NCP kW	167,232	168,093	160,737	155,449	144,221	142,725	141,373	149,270	151,763	157,883	155,301	162,273	1,856,321
<u>Budget</u>													
Metered NCP kW	162,479	167,044	146,608	150,537	148,556	152,532	137,065	139,834	138,895	147,670	145,206	152,003	1,788,429
Billing NCP kW	162,987	167,380	147,140	153,603	152,991	153,559	138,028	140,891	143,057	148,007	145,442	152,244	1,805,329

POWDER RIVER ENERGY CORPORATION

ACTUAL PURCHASED POWER SUMMARY

	<u>Total System</u>	<u>Direct Power Cost</u>			<u>Total</u>	<u>Remainder</u>
		<u>LPT</u>	<u>LPT-CBM</u>	<u>LPT-Gen</u>		
<u>Actual Power Cost</u>						
Black Hills	53,223	0	0	0	0	53,223
WAPA Demand	587,572	0	0	0	0	587,572
WAPA Energy	1,289,414					1,289,414
Basin Energy Billing	70,749,010	32,747,540	2,280,571	354,349	35,382,459	35,366,551
Basin Demand Billing	66,893,133	31,584,213	2,020,087	308,456	33,912,756	32,980,377
Heat Rate Credit	(148,513)				0	(148,513)
Fixed Charges Billing	789,148	386,430	24,275	3,827	414,532	374,616
Data Incentive Credit/NRECA/Renewab	(404,406)	(194,887)	(12,455)	(2,427)	(209,770)	(194,637)
Total	139,808,581	64,523,295	4,312,478	664,205	69,499,978	70,308,603

POWDER RIVER ENERGY CORPORATION
ACTUAL PURCHASED POWER
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Black Hills Electric</u>													
Energy - kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Billing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,223.00	53,223.00
<u>WAPA</u>													
kW	11,602	9,855	10,051	9,791	9,432	11,418	13,815	10,986	8,348	10,821	10,846	11,562	128,527
kWh	7,463,369	5,887,769	6,426,789	5,921,855	6,205,780	7,138,675	8,923,343	7,138,675	5,232,324	7,007,274	7,007,274	7,670,685	82,023,812
<u>WAPA Billing Calculation</u>													
Demand Billing	49,128	44,914	50,501	48,837	50,142	50,584	56,918	51,495	40,274	48,146	48,998	47,635	587,572
Energy Billing	117,324	92,556	101,029	93,092	97,555	112,220	140,275	112,220	82,252	110,154	110,154	120,583	1,289,414
Total	166,452	137,470	151,530	141,928	147,697	162,804	197,193	163,715	122,526	158,300	159,152	168,219	1,876,986
<u>BASIN</u>													
kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
kW - Heat Rate Adjust.	1,376	1,379	1,630	1,010	743	0	0	0	0	0	561	1,160	7,859
kWh	206,643,553	191,487,749	195,280,197	172,293,937	156,931,322	148,194,797	159,014,764	165,252,652	162,142,239	175,832,071	179,967,642	192,461,404	2,105,502,327
kWh - Heat Rate Adjust.	665,421	667,048	711,883	488,567	347,934	0	0	0	0	0	271,127	543,008	3,694,988
<u>BASIN Billing Calculation</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242
Heat Rate Charge	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400
PCA Demand Credit	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PCA Energy Credit													
Demand Billing	6,314,005	6,242,967	5,993,873	5,600,601	4,662,870	4,551,727	4,836,448	5,004,684	5,078,472	5,335,756	5,470,427	5,622,912	64,714,743
Demand Adj													0
Dmd - HR Avoided Cost	(27,025)	(27,084)	(32,013)	(19,836)	(14,593)	0	0	0	0	0	(11,018)	(22,782)	(154,351)
Fixed Charge 1	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	40,800
Fixed Charge 2													0
Energy Billing	6,699,384	6,208,033	6,330,984	5,585,769	5,087,713	4,804,475	5,155,259	5,357,491	5,256,651	5,700,476	5,834,551	6,239,599	68,260,385
Energy- HR Avoided Cost	(21,573)	(21,626)	(23,079)	(15,839)	(11,280)	0	0	0	0	0	(8,790)	(17,604)	(119,792)
Energy Billing - Heat Rate	22,624	22,680	24,204	16,611	11,830	0	0	0	0	0	9,218	18,462	125,630
Power Service Agreement	39,718	42,221	36,052	40,896	39,028	36,200	67,347	46,655	40,236	34,283	44,038	46,145	512,820
Members 1st Adder	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	235,528
Substation Lease Credit													0
Data Incentive Credit	(21,268)	(21,318)	(19,765)	(20,131)	(17,771)	(16,225)	(15,353)	(16,530)	(17,137)	(16,754)	(18,134)	(18,576)	(218,961)
Other	(1,398)	(4,858)	11,824	(3,296)	12,617	0	0			(10,590)	(279,996)	90,252	(185,445)
NRECA Dues													0
Total	13,027,495	12,464,042	12,345,106	11,207,803	9,793,441	9,399,205	10,066,729	10,415,328	10,381,250	11,066,198	11,063,325	11,981,435	133,211,357

POWDER RIVER ENERGY CORPORATION
ACTUAL PURCHASED POWER
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Western Division</u>													
Metered kW	10,446	10,638	9,321	8,830	7,797	9,254	9,337	10,809	7,423	8,921	8,883	9,257	110,916
Metered kWh	6,532,233	6,161,157	6,029,832	5,426,604	5,315,271	5,423,340	6,287,994	6,115,665	5,401,595	5,503,956	5,792,892	6,428,942	70,419,481
<u>Western Division Billing Calculation</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	
Demand Billing	205,159	208,930	183,064	173,421	153,133	181,749	183,379	212,289	145,788	175,208	174,462	181,807	2,178,390
Energy Billing	230,849	217,735	213,094	191,776	187,842	191,661	222,218	216,128	190,892	194,510	204,721	227,199	2,488,624
Energy Adjustment													0
Total	436,009	426,666	396,159	365,197	340,975	373,409	405,596	428,416	336,680	369,718	379,183	409,006	4,667,015
Bill Credit													0
Total Basin	13,463,504	12,890,708	12,741,264	11,573,001	10,134,416	9,772,615	10,472,325	10,843,744	10,717,930	11,435,916	11,442,507	12,390,441	137,878,372
<u>Total System</u>													
Total CP	343,535	338,363	324,559	303,784	254,646	252,430	269,407	276,616	274,349	291,420	298,264	307,118	3,534,491
Total kWh Purchased	220,639,155	203,536,675	207,736,818	183,642,396	168,452,373	160,756,812	174,226,101	178,506,992	172,776,158	188,343,301	192,767,808	206,561,031	2,257,945,620
Total Billing	13,629,955	13,028,178	12,892,795	11,714,929	10,282,113	9,935,419	10,669,518	11,007,459	10,840,456	11,594,216	11,601,660	12,611,883	139,808,581

POWDER RIVER ENERGY CORPORATION

ACTUAL POWER COST FOR LARGE POWER TRANSMISSION
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>													
Total Basin/WAPA Billing kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
LPT Billing kW	150,475	146,624	150,947	136,365	106,225	101,992	130,436	123,346	139,507	139,680	144,665	137,896	1,608,157
LPT kW as % of Total	46.81%	46.13%	49.46%	47.82%	44.74%	44.01%	52.97%	48.41%	53.95%	51.41%	51.94%	48.17%	48.81%
kWh Purchased	96,203,539	87,522,569	91,797,746	80,563,178	72,490,031	69,588,214	78,582,269	82,125,023	83,266,249	88,619,498	86,787,797	92,556,898	1,010,103,012
<u>Effective Basin Rate</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242
Fixed Charges per CP kW	0.19517	0.20527	0.19358	0.22417	0.26138	0.25556	0.36700	0.27346	0.24466	0.21095	0.24078	0.24161	0.24161
Data Incentive Cr/Other per kWh	(0.00011)	(0.00014)	(0.00004)	(0.00014)	(0.00003)	(0.00011)	(0.00010)	(0.00010)	(0.00011)	(0.00016)	(0.00166)	0.00037	
Demand Billing	2,955,332	2,879,697	2,964,607	2,678,216	2,086,250	2,003,115	2,561,763	2,422,521	2,739,911	2,743,306	2,841,217	2,708,277	31,584,213
Energy Billing	3,118,919	2,837,482	2,976,083	2,611,858	2,350,127	2,256,050	2,547,637	2,662,493	2,699,492	2,873,044	2,813,660	3,000,695	32,747,540
Fixed Charges Billing	29,369	30,097	29,221	30,568	27,765	26,065	47,869	33,730	34,132	29,465	34,832	33,317	386,430
Data Incentive Credit	(10,552)	(11,964)	(3,733)	(10,954)	(2,381)	(7,619)	(7,587)	(8,215)	(8,800)	(13,781)	(143,770)	34,470	(194,887)
Total LPT Power Cost	6,093,067	5,735,312	5,966,178	5,309,689	4,461,760	4,277,611	5,149,683	5,110,529	5,464,734	5,632,034	5,545,940	5,776,758	64,523,295

Schedule G-1.2

PRECorp/2019 General Rate Case
HA000892

POWDER RIVER ENERGY CORPORATION
ACTUAL POWER COST FOR LPT-CBM
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>													
Total Basin Billing kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
LPT-CBM Billing kW	11,284	11,621	11,397	11,116	7,972	7,809	6,625	6,995	6,658	7,253	7,040	7,085	102,856
LPT-CBM kW as % of Total	3.51%	3.66%	3.73%	3.90%	3.36%	3.37%	2.69%	2.75%	2.57%	2.67%	2.53%	2.47%	3.12%
kWh Purchased	8,252,714	7,494,812	7,915,869	5,642,162	5,389,528	4,912,330	5,024,612	4,968,471	5,024,612	5,108,823	5,108,823	5,501,810	70,344,565
<u>Effective Basin Rate</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	
Fixed Charges per CP kW	0.19517	0.20527	0.19358	0.22417	0.26138	0.25556	0.36700	0.27346	0.24466	0.21095	0.24078	0.24161	
Data Incentive Credit per kWh	(0.00011)	(0.00014)	(0.00004)	(0.00014)	(0.00003)	(0.00011)	(0.00010)	(0.00010)	(0.00011)	(0.00016)	(0.00166)	0.00037	
Demand Billing	221,624	228,240	223,829	218,316	156,570	153,373	130,108	137,385	130,769	142,457	138,267	139,149	2,020,087
Energy Billing	267,553	242,982	256,632	182,919	174,728	159,258	162,898	161,078	162,898	165,628	165,628	178,369	2,280,571
Fixed Charges Billing	2,202	2,385	2,206	2,492	2,084	1,996	2,431	1,913	1,629	1,530	1,695	1,712	24,275
Data Incentive Credit	(905)	(1,025)	(322)	(767)	(177)	(538)	(485)	(497)	(531)	(794)	(8,463)	2,049	(12,455)
Total LPT Power Cost	490,474	472,582	482,346	402,960	333,205	314,088	294,952	299,879	294,765	308,821	297,127	321,279	4,312,478

Schedule G-1.3

POWDER RIVER ENERGY CORPORATION
ACTUAL POWER COST FOR LPT-GENERAL
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>													
Total Basin Billing kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
LPT-CBM General Billing kW	841	1,951	1,858	569	729	2,049	1,606	631	1,679	883	1,115	1,796	15,705
LPT-CBM Gen kW as % of Total	0.26%	0.61%	0.61%	0.20%	0.31%	0.88%	0.65%	0.25%	0.65%	0.32%	0.40%	0.63%	0.48%
kWh Purchased	819,746	707,644	1,331,211	1,092,995	1,219,109	868,791	378,344	945,861	693,631	637,580	1,198,090	1,036,944	10,929,946
<u>Effective Basin Rate</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	0.03242	
Fixed Charges per CP kW	0.19517	0.20527	0.19358	0.22417	0.26138	0.25556	0.36700	0.27346	0.24466	0.21095	0.24078	0.24161	
Adjustments/Other per kWh	(0.00011)	(0.00014)	(0.00004)	(0.00014)	(0.00003)	(0.00011)	(0.00010)	(0.00010)	(0.00011)	(0.00016)	(0.00166)	0.00037	
Demand Billing	16,513	38,309	36,493	11,174	14,311	40,236	31,539	12,384	32,970	17,338	21,907	35,282	308,456
Energy Billing	26,576	22,942	43,158	35,435	39,524	28,166	12,266	30,665	22,488	20,670	38,842	33,618	354,349
Fixed Charges Billing	164	400	360	128	190	524	589	172	411	186	269	434	3,827
Adjustments/Other Credits	(90)	(97)	(54)	(149)	(40)	(95)	(37)	(95)	(73)	(99)	(1,985)	386	(2,427)
Total LPT Power Cost	43,163	61,555	79,956	46,587	53,985	68,830	44,358	43,127	55,795	38,096	59,033	69,720	664,205

Schedule G-1.4

PRECorp/2019 General Rate Case
HA000894

POWDER RIVER ENERGY CORPORATION
ADJUSTED PURCHASED POWER SUMMARY

	<u>Total System</u>	<u>Direct Power Cost</u>			<u>Total</u>	<u>Remainder</u>
		<u>LPT</u>	<u>LPT-CBM</u>	<u>LPT-Gen</u>		
Total CP Demand	3,265,412	1,402,413	83,823	12,522	1,498,758	1,766,654
kWh Purchased	2,086,572,183	881,848,183	57,348,899	7,792,645	946,989,728	1,139,582,455
<u>Adjusted Power Cost</u>						
Black Hills	53,223	0	0	0	0	53,223
WAPA Demand	587,572	0	0	0	0	587,572
WAPA Energy	1,289,414					1,289,414
Basin Energy Billing	63,142,906	27,654,759	1,798,461	244,377	29,697,598	33,445,309
Basin Demand Billing	61,608,419	27,543,390	1,646,274	245,939	29,435,603	32,172,816
Heat Rate Credit	(144,596)				0	(144,596)
Fixed Charges Billing	789,148	367,792	21,855	3,542	393,189	395,959
Other- Energy Charges	(404,406)	(188,756)	(12,098)	(1,982)	(202,836)	(201,570)
Subtotal	126,921,680	55,377,186	3,454,492	491,875	59,323,553	67,598,127
Total	126,921,680	55,377,186	3,454,492	491,875	59,323,553	67,598,127

POWDER RIVER ENERGY CORPORATION
ADJUSTED PURCHASED POWER
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
<u>Black Hills Electric</u>													
Energy - kWh	0	0	0	0	0	0	0	0	0	0	0	0	0
Billing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,223.00	53,223
<u>WAPA</u>													
kW	11,602	9,855	10,051	9,791	9,432	11,418	13,815	10,986	8,348	10,821	10,846	11,562	128,527
kWh	7,463,369	5,887,769	6,426,789	5,921,855	6,205,780	7,138,675	8,923,343	7,138,675	5,232,324	7,007,274	7,007,274	7,670,685	82,023,812
<u>WAPA Billing Calculation</u>													
Demand Billing	49,128	44,914	50,501	48,837	50,142	50,584	56,918	51,495	40,274	48,146	48,998	47,635	587,572
Energy Billing	117,324	92,556	101,029	93,092	97,555	112,220	140,275	112,220	82,252	110,154	110,154	120,583	1,289,414
Total	166,452	137,470	151,530	141,928	147,697	162,804	197,193	163,715	122,526	158,300	159,152	168,219	1,876,986
<u>BASIN</u>													
kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
Adjusted kW	289,804	296,948	281,424	257,941	236,968	219,160	227,719	241,052	231,339	254,061	242,523	267,030	3,025,969
kW - Heat Rate Adjust.	1,376	1,379	1,630	1,010	743	0	0	0	0	0	561	1,160	7,859
kWh	206,643,553	191,487,749	195,280,197	172,293,937	156,931,322	148,194,797	159,014,764	165,252,652	162,142,239	175,832,071	179,967,642	192,461,404	2,105,502,327
Adjusted kWh	186,278,808	178,884,417	167,277,603	155,846,318	156,634,333	140,139,198	147,045,709	156,323,425	145,061,677	164,430,488	156,699,169	179,507,746	1,934,128,890
kWh - Heat Rate Adjust.	665,421	667,048	711,883	488,567	347,934	0	0	0	0	0	271,127	543,008	3,694,988
<u>BASIN Billing Calculation</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136
Heat Rate Charge	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400	0.03400
PCA Demand Credit	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PCA Energy Credit													
Demand Billing	5,691,759	5,832,067	5,134,369	5,065,954	4,654,045	4,304,304	4,472,408	4,734,262	4,543,490	4,989,766	4,763,142	5,244,461	59,430,028
Demand Adj													0
Dmd - HR Avoided Cost	(27,025)	(27,084)	(32,013)	(19,836)	(14,593)	0	0	0	0	0	(11,018)	(22,782)	(154,351)
Fixed Charge 1	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	40,800
Fixed Charge 2													0
Energy Billing	5,841,703	5,609,815	5,245,826	4,887,341	4,912,053	4,394,765	4,611,353	4,902,303	4,549,134	5,156,540	4,914,086	5,629,363	60,654,282
Energy- HR Avoided Cost	(20,868)	(20,919)	(22,325)	(15,321)	(10,911)	0	0	0	0	0	(8,503)	(17,029)	(115,875)
Energy Billing - Heat Rate	22,624	22,680	24,204	16,611	11,830	0	0	0	0	0	9,218	18,462	125,630
Power Service Agreement	39,718	42,221	36,052	40,896	39,028	36,200	67,347	46,655	40,236	34,283	44,038	46,145	512,820
Members 1st Adder	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	19,627	235,528
Substation Lease Credit													0
Data Incentive Credit	(21,268)	(21,318)	(19,765)	(20,131)	(17,771)	(16,225)	(15,353)	(16,530)	(17,137)	(16,754)	(18,134)	(18,576)	(218,961)
Other	(1,398)	(4,858)	11,824	(3,296)	12,617	0	0	0	0	(10,590)	(279,996)	90,252	(185,445)
NRECA Dues													0
Total	11,548,274	11,455,632	10,401,199	9,975,245	9,609,325	8,742,072	9,158,783	9,689,717	9,138,751	10,176,273	9,435,861	10,993,324	120,324,456

POWDER RIVER ENERGY CORPORATION
ADJUSTED PURCHASED POWER
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Total</u>
<u>Western Division</u>													
Metered kW	10,446	10,638	9,321	8,830	7,797	9,254	9,337	10,809	7,423	8,921	8,883	9,257	110,916
Metered kWh	6,532,233	6,161,157	6,029,832	5,426,604	5,315,271	5,423,340	6,287,994	6,115,665	5,401,595	5,503,956	5,792,892	6,428,942	70,419,481
<u>Western Division Billing Calculation</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	
Energy Charge	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	0.03534	
Demand Billing	205,159	208,930	183,064	173,421	153,133	181,749	183,379	212,289	145,788	175,208	174,462	181,807	2,178,390
Energy Billing	230,849	217,735	213,094	191,776	187,842	191,661	222,218	216,128	190,892	194,510	204,721	227,199	2,488,624
Energy Adjustment													0
Total	436,009	426,666	396,159	365,197	340,975	373,409	405,596	428,416	336,680	369,718	379,183	409,006	4,667,015
Bill Credit													0
Total Basin	11,984,282	11,882,298	10,797,357	10,340,442	9,950,300	9,115,481	9,564,380	10,118,134	9,475,431	10,545,991	9,815,044	11,402,330	124,991,470
<u>Total System</u>													
Total CP	311,852	317,441	280,796	276,562	254,197	239,832	250,871	262,847	247,110	273,803	262,252	287,849	3,265,412
Total kWh Purchased	200,274,410	190,933,343	179,734,224	167,194,777	168,155,384	152,701,213	162,257,046	169,577,765	155,695,596	176,941,718	169,499,335	193,607,373	2,086,572,183
Total Billing	12,150,734	12,019,768	10,948,888	10,482,370	10,097,997	9,278,285	9,761,573	10,281,848	9,597,957	10,704,291	9,974,197	11,623,771	126,921,680

POWDER RIVER ENERGY CORPORATION

ADJUSTED POWER COST FOR LARGE POWER TRANSMISSION
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>													
Total Basin/WAPA Billing kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
Actual LPT Billing kW	150,475	146,624	150,947	136,365	106,225	101,992	130,436	123,346	139,507	139,680	144,665	137,896	1,608,157
Adjusted LPT Billing kW	129,912	128,611	123,533	120,888	102,377	99,238	116,298	106,570	120,559	118,247	120,959	115,222	1,402,413
LPT kW as % of Total	46.81%	46.13%	49.46%	47.82%	44.74%	44.01%	52.97%	48.41%	53.95%	51.41%	51.94%	48.17%	48.81%
Actual LPT kWh Sold	95,827,383	87,180,356	91,438,817	80,248,176	72,206,595	69,316,124	78,275,012	81,803,914	82,940,678	88,272,996	86,448,457	92,195,001	1,006,153,509
Actual LPT kWh Purchased	96,203,539	87,522,569	91,797,746	80,563,178	72,490,031	69,588,214	78,582,269	82,125,023	83,266,249	88,619,498	86,787,797	92,556,898	1,010,103,012
Adjusted LPT kWh Sold	82,731,814	76,469,887	74,831,938	71,139,848	69,591,427	67,444,662	69,790,966	70,677,757	71,675,825	74,728,064	72,282,318	77,035,651	878,400,157
Adjusted LPT kWh Purchased	83,056,565	76,770,058	75,125,679	71,419,097	69,864,598	67,709,406	70,064,920	70,955,192	71,957,178	75,021,398	72,566,051	77,338,043	881,848,183
<u>Effective Basin Rate</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136
Fixed Charges per CP kW	0.21651	0.21973	0.22599	0.24782	0.26187	0.27025	0.39687	0.28908	0.27347	0.22558	0.27653	0.25904	
Data Incentive Cr/Other per kWh	(0.00012)	(0.00015)	(0.00005)	(0.00015)	(0.00003)	(0.00012)	(0.00010)	(0.00011)	(0.00012)	(0.00017)	(0.00190)	0.00040	
Demand Billing	2,551,463	2,525,915	2,426,183	2,374,233	2,010,690	1,949,033	2,284,100	2,093,034	2,367,781	2,322,363	2,375,633	2,262,963	27,543,390
Energy Billing	2,604,654	2,407,509	2,355,941	2,239,703	2,190,954	2,123,367	2,197,236	2,225,155	2,256,577	2,352,671	2,275,671	2,425,321	27,654,759
Fixed Charges Billing	28,127	28,259	27,917	29,959	26,810	26,819	46,155	30,807	32,969	26,674	33,449	29,847	367,792
Data Incentive Cr/Other	(10,106)	(11,234)	(3,567)	(10,736)	(2,299)	(7,839)	(7,315)	(7,503)	(8,501)	(12,476)	(138,061)	30,881	(188,756)
Total LPT Power Cost	5,174,138	4,950,449	4,806,475	4,633,159	4,226,155	4,091,379	4,520,175	4,341,492	4,648,827	4,689,232	4,546,692	4,749,012	55,377,186

Schedule G-2.2

PRECorp/2019 General Rate Case
HA000898

POWDER RIVER ENERGY CORPORATION
ADJUSTED POWER COST FOR LPT-CBM
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>													
Total Basin Billing kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
Actual LPT-CBM Billing kW	11,284	11,621	11,397	11,116	7,972	7,809	6,625	6,995	6,658	7,253	7,040	7,085	102,856
Adjusted LPT-CBM Billing kW	7,216	7,443	7,436	9,678	7,183	7,051	5,995	6,354	6,046	6,588	6,396	6,437	83,823
LPT-CBM kW as % of Total	3.51%	3.66%	3.73%	3.90%	3.36%	3.37%	2.69%	2.75%	2.57%	2.67%	2.53%	2.47%	3.12%
Actual kWh Sold	8,232,000	7,476,000	7,896,000	5,628,000	5,376,000	4,900,000	5,012,000	4,956,000	5,012,000	5,096,000	5,096,000	5,488,000	70,168,000
Actual kWh Purchased	8,252,714	7,494,812	7,915,869	5,642,162	5,389,528	4,912,330	5,024,612	4,968,471	5,024,612	5,108,823	5,108,823	5,501,810	70,344,565
Adjsuted kWh Sold	5,264,000	4,788,000	5,152,000	4,900,000	4,844,000	4,424,000	4,536,000	4,501,403	4,551,445	4,628,372	4,629,613	4,986,120	57,204,953
Adjsuted kWh Purchased	5,277,246	4,800,048	5,164,964	4,912,330	4,856,189	4,435,132	4,547,414	4,512,730	4,562,898	4,640,018	4,641,263	4,998,666	57,348,899
<u>Effective Basin Rate</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136
Fixed Charges per CP kW	0.21651	0.21973	0.22599	0.24782	0.26187	0.27025	0.39687	0.28908	0.27347	0.22558	0.27653	0.25904	0.25904
Data Incentive Cr/Other per kWh	(0.00012)	(0.00015)	(0.00005)	(0.00015)	(0.00003)	(0.00012)	(0.00010)	(0.00011)	(0.00012)	(0.00017)	(0.00190)	0.00040	
Demand Billing	141,719	146,176	146,045	190,076	141,076	138,474	117,751	124,783	118,753	129,385	125,613	126,424	1,646,274
Energy Billing	165,494	150,530	161,973	154,051	152,290	139,086	142,607	141,519	143,092	145,511	145,550	156,758	1,798,461
Fixed Charges Billing	1,562	1,635	1,680	2,398	1,881	1,905	2,379	1,837	1,654	1,486	1,769	1,667	21,855
Data Incentive Cr/Other	(642)	(702)	(245)	(738)	(160)	(513)	(475)	(477)	(539)	(772)	(8,830)	1,996	(12,098)
Total LPT-CBM Power Cost	308,133	297,639	309,453	345,787	295,088	278,951	262,263	267,662	262,960	275,610	264,101	286,845	3,454,492

Schedule G-2.3

POWDER RIVER ENERGY CORPORATION
ADJUSTED POWER COST FOR LPT-GENERAL
FOR THE TWELVE MONTHS ENDING 12/31/2018

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>Billing Units @ Basin Level</u>													
Total Basin Billing kW	321,487	317,870	305,187	285,163	237,417	231,758	246,255	254,821	258,578	271,678	278,535	286,299	3,295,048
Actual LPT- General Billing kW	841	1,951	1,858	569	729	2,049	1,606	631	1,679	883	1,115	1,796	15,705
Adjusted LPT- General Billing kW	711	1,622	821	449	364	1,388	2,795	441	1,256	672	768	1,234	12,522
LPT-CBM Gen kW as % of Total	0.22%	0.51%	0.27%	0.16%	0.15%	0.60%	1.14%	0.17%	0.49%	0.25%	0.28%	0.43%	0.38%
Actual kWh Sold	819,000	707,000	1,330,000	1,092,000	1,218,000	868,000	378,000	945,000	693,000	637,000	1,197,000	1,036,000	10,920,000
Actual kWh Purchased	819,746	707,644	1,331,211	1,092,995	1,219,109	868,791	378,344	945,861	693,631	637,580	1,198,090	1,036,944	10,929,946
Adjusted kWh Sold	693,000	588,000	588,000	861,000	609,000	588,000	658,000	661,500	518,549	484,686	824,377	711,442	7,785,554
Adjusted kWh Purchased	693,631	588,536	588,536	861,784	609,555	588,536	658,599	662,103	519,021	485,127	825,128	712,090	7,792,645
<u>Effective Basin Rate</u>													
Demand Charge	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64	19.64
Energy Charge	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136	0.03136
Fixed Charges per CP kW	0.21651	0.21973	0.22599	0.24782	0.26187	0.27025	0.39687	0.28908	0.27347	0.22558	0.27653	0.25904	0.25904
Data Incentive Cr/Other per kWh	(0.00012)	(0.00015)	(0.00005)	(0.00015)	(0.00003)	(0.00012)	(0.00010)	(0.00011)	(0.00012)	(0.00017)	(0.00190)	0.00040	
Demand Billing	13,972	31,861	16,134	8,810	7,155	27,256	54,901	8,669	24,671	13,192	15,087	24,229	245,939
Energy Billing	21,752	18,456	18,456	27,026	19,116	18,456	20,654	20,764	16,277	15,214	25,876	22,331	244,377
Fixed Charges Billing	154	356	186	111	95	375	1,109	128	344	152	212	320	3,542
Data Incentive Cr/Other	(84)	(86)	(28)	(130)	(20)	(68)	(69)	(70)	(61)	(81)	(1,570)	284	(1,982)
Total LPT-Gen Power Cost	35,794	50,588	34,748	35,817	26,346	46,020	76,596	29,490	41,229	28,477	39,606	47,164	491,875

Schedule G-2.4

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost Allocation Summary

<u>Account</u>	<u>Total</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Rate Base	203,044,188	55,269,649	27,827,809	61,979,467	1,159,224	456,503
Operating Revenues	166,043,334	25,722,186	12,808,128	43,065,566	442,308	344,449
Operating Expenses	159,317,813	24,019,804	11,846,702	41,071,949	380,826	308,478
Return	6,725,521	1,702,381	961,426	1,993,617	61,482	35,970
Rate of Return	3.312 %	3.080 %	3.455 %	3.217 %	5.304 %	7.880 %
Relative ROR	1.000	0.930	1.043	0.971	1.601	2.379
Interest	7,171,108	1,841,067	920,652	2,092,480	37,222	14,631
Operating Margins	-445,587	-138,685	40,773	-98,863	24,260	21,339
Margin as % Revenue	-0.268 %	-0.539 %	0.318 %	-0.230 %	5.485 %	6.195 %
Operating TIER	0.938	0.925	1.044	0.953	1.652	2.458
<u>Revenue Deficiencies</u>						
Uniform ROR = 7.459841	8,421,252	2,420,646	1,114,484	2,629,952	24,993	-1,916
Deficiency % Rev	5.072 %	9.411 %	8.701 %	6.107 %	5.651 %	-0.556 %
Uniform % Mar = 4.571509	8,421,252	1,377,552	570,847	2,166,658	-4,233	-5,860
Deficiency % Rev	5.072 %	5.356 %	4.457 %	5.031 %	-0.957 %	-1.701 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost Allocation Summary

<u>Account</u>	<u>Total</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Rate Base	203,044,188	5,293,917	27,476,918	1,936,008	34,706,844	21,498,386	146,303
Operating Revenues	166,043,334	2,571,951	18,249,053	3,717,589	24,538,594	58,608,293	513,805
Operating Expenses	159,317,813	2,480,699	17,084,267	3,712,737	23,277,704	57,899,897	512,448
Return	6,725,521	91,251	1,164,785	4,851	1,260,889	708,395	1,357
Rate of Return	3.312 %	1.724 %	4.239 %	0.251 %	3.633 %	3.295 %	0.928 %
Relative ROR	1.000	0.521	1.280	0.076	1.097	0.995	0.280
Interest	7,171,108	184,435	960,481	91,448	1,236,366	1,023,496	5,189
Operating Margins	-445,587	-93,184	204,303	-86,597	24,522	-315,101	-3,832
Margin as % Revenue	-0.268 %	-3.623 %	1.120 %	-2.329 %	0.100 %	-0.538 %	-0.746 %
Operating TIER	0.938	0.495	1.213	0.053	1.020	0.692	0.262
<u>Revenue Deficiencies</u>							
Uniform ROR = 7.459841	8,421,252	303,665	884,948	139,571	1,328,185	895,349	9,556
Deficiency % Rev	5.072 %	11.807 %	4.849 %	3.754 %	5.413 %	1.528 %	1.860 %
Uniform % Mar = 4.571509	8,421,252	220,857	660,131	268,836	1,149,825	3,137,831	28,630
Deficiency % Rev	5.072 %	8.587 %	3.617 %	7.231 %	4.686 %	5.354 %	5.572 %

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

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
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	2,681,549	152	823,187	388,740	818,558	13,778	13,376
Consumer Deposits	-5,290,300	10	-3,817,645	-1,180,302	-241,402	-50,951	0
Total							
RATE BASE	203,044,188	172*	55,269,649	27,827,810	61,979,467	1,159,225	456,503
			27.221 %	13.705 %	30.525 %	0.571 %	0.225 %

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

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Plant in Service	386,436,127	141	9,696,326	50,328,056	4,030,947	64,055,328	44,886,506	304,830
CWIP	0	141	0	0	0	0	0	0
Accum Depr - Trans	-40,107,598	127	-325,324	-3,299,636	-1,897,811	-5,522,771	-20,427,640	-124,777
Accum Depr - Distr	-120,791,882	139	-3,393,086	-17,381,125	-67,909	-20,842,120	-1,066,283	-13,582
Accum Depr - General	-24,666,523	140	-917,691	-3,147,819	-196,068	-4,261,578	-2,587,152	-25,254
Amortization	-3,585,611	141	-89,969	-466,977	-37,402	-594,348	-416,487	-2,828
Retirement Work	1,028,620	141	25,810	133,964	10,730	170,503	119,479	811
Subtotal	198,313,133	171*	4,996,065	26,166,462	1,842,487	33,005,014	20,508,425	139,200
Net Plant			2.519 %	13.195 %	0.929 %	16.643 %	10.341 %	0.070 %
Materials/Supplies	6,336,185	141	158,985	825,202	66,093	1,050,281	735,980	4,998
Prepayments	1,003,621	141	25,183	130,708	10,469	166,359	116,576	792
Cash Working Capital	2,681,549	152	113,684	354,546	16,959	485,189	137,407	1,313
Consumer Deposits	-5,290,300	10	0	0	0	0	0	0
Total	203,044,188	172*	5,293,917	27,476,918	1,936,009	34,706,844	21,498,387	146,303
RATE BASE			2.607 %	13.532 %	0.953 %	17.093 %	10.588 %	0.072 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - INTEREST**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Interest on LT Debt	6,441,528	141	1,787,719	877,104	1,904,948	36,393	14,325
Interest Other	11,373	141	3,156	1,549	3,363	64	25
Interest Cust Dep	591,815	39	15,115	24,790	146,792	51	0
Other Deductions	126,392	141	35,078	17,210	37,378	714	281
Total	<u>7,171,108</u>	<u>173*</u>	<u>1,841,067</u>	<u>920,653</u>	<u>2,092,481</u>	<u>37,222</u>	<u>14,632</u>
INTEREST			25.673 %	12.838 %	29.179 %	0.519 %	0.204 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - INTEREST

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Interest on LT Debt	6,441,528	141	161,629	838,922	67,192	1,067,742	748,216	5,081
Interest Other	11,373	141	285	1,481	119	1,885	1,321	9
Interest Cust Dep	591,815	39	19,351	103,618	22,820	145,789	259,279	0
Other Deductions	126,392	141	3,171	16,461	1,318	20,951	14,681	100
Total	<u>7,171,108</u>	<u>173*</u>	<u>184,436</u>	<u>960,482</u>	<u>91,449</u>	<u>1,236,367</u>	<u>1,023,497</u>	<u>5,190</u>
INTEREST			2.572 %	13.394 %	1.275 %	17.241 %	14.273 %	0.072 %

POWDER RIVER ENERGY CORPORATION
PROPOSED RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost Allocation Summary

<u>Account</u>	<u>Total</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Rate Base	203,044,188	55,269,847	27,827,911	61,979,609	1,159,225	456,500
Operating Revenues	173,073,379	27,924,223	13,921,706	45,687,245	466,647	346,022
Operating Expenses	159,317,813	24,025,008	11,849,373	41,075,681	380,852	308,418
Return	13,755,566	3,899,215	2,072,333	4,611,563	85,794	37,604
Rate of Return	6.775 %	7.055 %	7.447 %	7.440 %	7.401 %	8.237 %
Relative ROR	1.000	1.041	1.099	1.098	1.092	1.216
Interest	7,171,108	1,841,067	920,652	2,092,480	37,222	14,631
Operating Margins	6,584,458	2,058,148	1,151,680	2,519,082	48,572	22,972
Margin as % Revenue	3.804 %	7.370 %	8.273 %	5.514 %	10.409 %	6.639 %
Operating TIER	1.918	2.118	2.251	2.204	2.305	2.570
<u>Revenue Deficiencies</u>						
Uniform ROR = 7.459841	1,391,207	223,827	3,584	12,016	681	-3,549
Deficiency % Rev	0.804 %	0.802 %	0.026 %	0.026 %	0.146 %	-1.026 %
Uniform % Mar = 4.571509	1,391,207	-819,031	-539,931	-451,108	-28,544	-7,496
Deficiency % Rev	0.804 %	-2.933 %	-3.878 %	-0.987 %	-6.117 %	-2.167 %

POWDER RIVER ENERGY CORPORATION
PROPOSED RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost Allocation Summary

<u>Account</u>	<u>Total</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Rate Base	203,044,188	5,293,852	27,476,833	1,936,004	34,706,690	21,498,101	146,300
Operating Revenues	173,073,379	2,317,116	18,546,692	3,852,388	24,716,197	59,490,407	520,928
Operating Expenses	159,317,813	2,478,998	17,082,046	3,712,632	23,273,677	57,892,420	512,379
Return	13,755,566	-161,882	1,464,645	139,756	1,442,519	1,597,986	8,548
Rate of Return	6.775 %	-3.058 %	5.330 %	7.219 %	4.156 %	7.433 %	5.843 %
Relative ROR	1.000	-0.451	0.787	1.066	0.613	1.097	0.863
Interest	7,171,108	184,435	960,481	91,448	1,236,366	1,023,496	5,189
Operating Margins	6,584,458	-346,318	504,163	48,307	206,152	574,490	3,358
Margin as % Revenue	3.804 %	-14.946 %	2.718 %	1.254 %	0.834 %	0.966 %	0.645 %
Operating TIER	1.918	-0.878	1.525	1.528	1.167	1.561	1.647
Revenue Deficiencies							
Uniform ROR = 7.459841	1,391,207	556,795	585,082	4,666	1,146,544	5,737	2,365
Deficiency % Rev	0.804 %	24.030 %	3.155 %	0.121 %	4.639 %	0.010 %	0.454 %
Uniform % Mar = 4.571509	1,391,207	473,910	360,164	133,927	968,003	2,247,881	21,435
Deficiency % Rev	0.804 %	20.453 %	1.942 %	3.476 %	3.916 %	3.779 %	4.115 %

POWDER RIVER ENERGY CORPORATION
PROPOSED RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost Allocation Summary

<u>Account</u>	<u>Total</u>	<u>GS/GS CBM</u>	<u>LP/LP CBM</u>
Rate Base	203,044,188	33,121,763	89,456,442
Operating Revenues	173,073,379	16,238,822	64,233,938
Operating Expenses	159,317,813	14,328,372	58,157,728
Return	13,755,566	1,910,450	6,076,209
Rate of Return	6.775 %	5.768 %	6.792 %
Relative ROR	1.000	0.851	1.003
Interest	7,171,108	1,105,088	3,052,962
Operating Margins	6,584,458	805,362	3,023,246
Margin as % Revenue	3.804 %	4.959 %	4.707 %
Operating TIER	1.918	1.729	1.990
 <u>Revenue Deficiencies</u>			
Uniform ROR = 7.459841	1,391,207	560,380	597,099
Deficiency % Rev	0.804 %	3.451 %	0.930 %
Uniform % Mar = 4.571509	1,391,207	-66,020	-90,943
Deficiency % Rev	0.804 %	-0.407 %	-0.142 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

A.F.	Account	Total Percent	RESIDENTIAL	GEN SERV	LARGE PWR	Irrigation	LIGHTS
1	Trans Substation	100.000000	11.738828	5.636932	25.269989	0.189746	0.125987
2	Trans Line	100.000000	11.738828	5.636932	25.269989	0.189746	0.125987
3	Distr Sub Demand	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
4	Distr OH Demand	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
5	Distr UG Demand	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
6	Distr Other Demand	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
7	PP Demand	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
8	Energy	100.000000	21.469618	11.073860	45.756040	0.273104	0.288609
9	Customer 1 - Average	100.000000	68.817126	21.276202	4.351530	0.918450	0.103696
10	Cons Deposit/Advance	100.000000	72.163106	22.310680	4.563107	0.963107	0.000000
11	Consumer 2-Weighted	100.000000	38.240075	11.822691	24.180438	0.510362	0.057621
12	Consumer 3 - 1 Phase	100.000000	85.874688	12.420294	0.000000	1.141299	0.129378
13	Consumer 4 - 3 Phase	100.000000	0.000000	47.285383	27.262181	0.000000	0.000000
14	Account 368	100.000000	45.126475	21.427688	14.624199	1.754319	0.000000
15	Account 369	100.000000	60.060757	24.710334	13.963794	1.179342	0.085773
16	Account 370 1 Phase	100.000000	78.006423	18.887998	0.000000	1.735616	0.000000
17	Account 370 3 Phase	100.000000	0.000000	33.038639	37.377074	0.000000	0.000000
18	Account 370 Turtles	100.000000	68.857927	21.288816	4.354109	0.918995	0.103758
19	Base Revenue	100.000000	15.508709	7.725636	25.640931	0.270946	0.209719
20	COPA Revenue	100.000000	14.811137	7.674532	32.175666	0.189266	0.200012
21	Direct Large Power	100.000000	0.000000	0.000000	100.000000	0.000000	0.000000
22	Dir LPT Trans Sub	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
23	Dir LPT Trans Line	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
24	Dir LPT CBM - Trans	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
25	Direct LP Trans	100.000000	0.000000	0.000000	100.000000	0.000000	0.000000
26	Direct LP Sub	100.000000	0.000000	0.000000	100.000000	0.000000	0.000000
27	Direct LPT Subs	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
28	Direct Street Lights	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000
29	Direct Security Lts	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000
30	Direct PP Demand	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
31	Direct PP Energy	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

<u>A.F.</u>	<u>Account</u>	<u>Total Percent</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
1	Trans Substation	100.000000	0.999813	10.140714	2.566997	13.707524	42.947520	0.383474
2	Trans Line	100.000000	0.999813	10.140714	2.566997	13.707524	42.947520	0.383474
3	Distr Sub Demand	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
4	Distr OH Demand	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
5	Distr UG Demand	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
6	Distr Other Demand	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
7	PP Demand	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
8	Energy	100.000000	1.992440	19.146329	0.000000	21.138769	0.000000	0.000000
9	Customer 1 - Average	100.000000	2.222057	2.251685	0.018517	4.492259	0.037034	0.003703
10	Cons Deposit/Advance	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
11	Consumer 2-Weighted	100.000000	12.347457	12.512091	0.102895	24.962443	0.205791	0.020579
12	Consumer 3 - 1 Phase	100.000000	0.434341	0.000000	0.000000	0.434341	0.000000	0.000000
13	Consumer 4 - 3 Phase	100.000000	11.740139	13.712297	0.000000	25.452436	0.000000	0.000000
14	Account 368	100.000000	3.635062	13.432257	0.000000	17.067319	0.000000	0.000000
15	Account 369	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
16	Account 370 1 Phase	100.000000	1.369963	0.000000	0.000000	1.369963	0.000000	0.000000
17	Account 370 3 Phase	100.000000	7.812305	17.379676	1.372596	26.564577	2.745191	0.274519
18	Account 370 Turtles	100.000000	2.223375	2.253020	0.000000	4.476395	0.000000	0.000000
19	Base Revenue	100.000000	1.548396	10.849282	2.187626	14.585304	35.756545	0.302210
20	COPA Revenue	100.000000	1.380815	13.375568	3.197954	17.954337	26.559809	0.435241
21	Direct Large Power	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
22	Dir LPT Trans Sub	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000	0.000000
23	Dir LPT Trans Line	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000	0.000000
24	Dir LPT CBM - Trans	100.000000	0.000000	0.000000	100.000000	100.000000	0.000000	0.000000
25	Direct LP Trans	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
26	Direct LP Sub	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
27	Direct LPT Subs	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000	0.000000
28	Direct Street Lights	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
29	Direct Security Lts	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
30	Direct PP Demand	100.000000	0.000000	0.000000	5.592799	5.592799	93.571686	0.835515
31	Direct PP Energy	100.000000	0.000000	0.000000	6.055914	6.055914	93.121201	0.822885

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

<u>A.F.</u>	<u>Account</u>	<u>Total Percent</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
32	Direct Heat Rate	100.000000	100.000000	0.000000	0.000000	0.000000	0.000000
33	Dirct LPT-CBM Trans	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
34	Dir LPT-CBM Trans Ln	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
35	SCADA	100.000000	11.738828	5.636932	25.269989	0.189746	0.125987
36	Idle Services	100.000000	23.445671	11.818710	13.312028	0.348635	0.000000
37	Direct Fixed Charges	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
38	Other Energy Charges	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
39	Cust Dep Interest	100.000000	2.553926	4.188816	24.803666	0.008679	0.000000
101	Acct 350	100.000000	11.612315	5.576181	24.997647	0.187701	0.124629
102	Acct 352	100.000000	4.771273	2.291144	10.271044	0.077123	0.051208
103	Acct 353	100.000000	10.217210	4.906258	21.994426	0.165151	0.109656
105	Accts 355/356	100.000000	8.571071	4.115789	20.070015	0.138542	0.091989
106	TRANSMISSION PLANT	100.000000	9.409779	4.518533	21.076736	0.152099	0.100990
107	Acct 360	100.000000	21.688102	10.414529	46.687631	0.350567	0.232768
108	Acct 361	100.000000	0.440211	0.211388	0.947636	0.007116	0.004725
109	Acct 362	100.000000	19.950604	9.580190	45.936491	0.322482	0.214121
110	Acct 364/5	100.000000	33.278006	15.347258	33.993218	0.483226	0.181610
111	Acct 366/7	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
112	Acct 368	100.000000	41.461525	19.705627	19.643030	1.534756	0.036428
113	Acct 369	100.000000	60.060757	24.710334	13.963794	1.179342	0.085773
114	Account 370	100.000000	33.236286	27.143510	21.446459	0.628625	0.018764
115	Acct 373	100.000000	0.000000	0.000000	0.000000	0.000000	100.000000
116	DISTRIBUTION	100.000000	32.482861	16.009285	32.496918	0.684699	0.214282
117	SUBTOTAL PLANT WITH	100.000000	26.612498	13.085754	29.591342	0.549193	0.185458
118	GENERAL	100.000000	28.070738	13.422074	29.701834	0.471352	0.512931
119	PLANT WITH CIAC	100.000000	26.749634	13.117382	29.601732	0.541872	0.216254
120	Acct 350	100.000000	11.612315	5.576181	24.997647	0.187701	0.124629
121	Acct 352	100.000000	4.771273	2.291144	10.271044	0.077123	0.051208
122	Acct 353	100.000000	10.154616	4.876200	21.859680	0.164139	0.108984
124	Acctd 355/356	100.000000	8.516484	4.089577	18.660610	0.137660	0.091403

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

A.F.	Account	Total Percent	GS CBM	LP CBM	LPT CBM	All CBM	LPT	LPT-General
32	Direct Heat Rate	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
33	Dirct LPT-CBM Trans	100.000000	0.000000	0.000000	100.000000	100.000000	0.000000	0.000000
34	Dir LPT-CBM Trans Ln	100.000000	0.000000	0.000000	100.000000	100.000000	0.000000	0.000000
35	SCADA	100.000000	0.999813	10.140714	2.566997	13.707524	42.947520	0.383474
36	Idle Services	100.000000	15.049390	36.025566	0.000000	51.074956	0.000000	0.000000
37	Direct Fixed Charges	100.000000	0.000000	0.000000	5.558396	5.558396	93.540765	0.900839
38	Other Energy Charges	100.000000	0.000000	0.000000	5.964424	5.964424	93.058432	0.977144
39	Cust Dep Interest	100.000000	3.269690	17.508587	3.855878	24.634155	43.810758	0.000000
101	Acct 350	100.000000	0.989038	10.031425	2.539332	13.559794	43.562392	0.379341
102	Acct 352	100.000000	0.406376	4.121716	1.043362	5.571454	76.810891	0.155864
103	Acct 353	100.000000	0.870215	8.826248	3.695796	13.392258	48.881275	0.333767
105	Accts 355/356	100.000000	0.730011	7.404212	10.143292	18.277515	48.455086	0.279992
106	TRANSMISSION PLANT	100.000000	0.801445	8.128740	6.937631	15.867815	48.566656	0.307391
107	Acct 360	100.000000	1.847208	18.735502	0.000000	20.582710	0.043694	0.000000
108	Acct 361	100.000000	0.037493	0.380281	0.000000	0.417775	97.971150	0.000000
109	Acct 362	100.000000	1.699222	17.234546	0.000000	18.933769	5.062344	0.000000
110	Acct 364/5	100.000000	2.738153	13.978528	0.000000	16.716681	0.000000	0.000000
111	Acct 366/7	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
112	Acct 368	100.000000	3.355517	14.263118	0.000000	17.618634	0.000000	0.000000
113	Acct 369	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
114	Account 370	100.000000	5.085107	10.013534	0.758661	15.857302	1.517321	0.151732
115	Acct 373	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
116	DISTRIBUTION	100.000000	2.784941	14.393559	0.055228	17.233729	0.867181	0.011046
117	SUBTOTAL PLANT WITH	100.000000	2.280291	12.799634	1.806282	16.886207	13.003106	0.086443
118	GENERAL	100.000000	3.724736	12.765690	0.792043	17.282469	10.436668	0.101934
119	PLANT WITH CIAC	100.000000	2.416128	12.796442	1.710901	16.923472	12.761754	0.087900
120	Acct 350	100.000000	0.989038	10.031425	2.539332	13.559794	43.562392	0.379341
121	Acct 352	100.000000	0.406376	4.121716	1.043362	5.571454	76.810891	0.155864
122	Acct 353	100.000000	0.864883	8.772175	3.702182	13.339240	49.165417	0.331722
124	Acctd 355/356	100.000000	0.725361	7.357057	6.311625	14.394044	53.832012	0.278209

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

<u>A.F.</u>	<u>Account</u>	<u>Total Percent</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
125	Subtotal TRANSMISSIO	100.000000	9.523477	4.573131	20.634158	0.153937	0.102211
127	TRANSMISSION PLANT	100.000000	9.523477	4.573131	20.634158	0.153937	0.102211
128	Account 360	100.000000	21.688102	10.414529	46.687631	0.350567	0.232768
129	Acct 361	100.000000	0.440211	0.211388	0.947636	0.007116	0.004725
130	Account 362	100.000000	20.425987	9.808467	43.970698	0.330166	0.219223
131	Account 364/5	100.000000	33.278006	15.347258	33.993218	0.483226	0.181610
132	Acct 366/367	100.000000	21.697582	10.419081	46.708040	0.350720	0.232870
133	Account 368	100.000000	41.461525	19.705627	19.643030	1.534756	0.036428
134	Account 369	100.000000	60.060757	24.710334	13.963794	1.179342	0.085773
135	Account 370	100.000000	33.236286	27.143510	21.446459	0.628625	0.018764
136	Subtotal DISTRIBUTIO	100.000000	32.761886	16.150651	32.031965	0.692074	0.214865
139	DISTRIBUTION PLANT	100.000000	32.761886	16.150651	32.031965	0.692074	0.214865
140	GENERAL PLANT	100.000000	28.044693	13.409659	29.694767	0.470903	0.512314
141	PLANT	100.000000	27.753026	13.616395	29.572918	0.564968	0.222390
142	Electric Revenue	100.000000	15.472343	7.722972	25.981604	0.266688	0.209213
143	Other Revenue	100.000000	16.439320	7.250109	23.666672	0.251020	0.118827
144	REVENUES	100.000000	15.491249	7.713726	25.936342	0.266381	0.207446
145	TRANSMISSION O&M	100.000000	9.661776	4.639541	21.415092	0.156173	0.103695
146	DISTR. OPERATION	100.000000	31.673054	17.253916	31.640867	0.612388	0.868455
147	DISTR. MAINTENANCE	100.000000	30.907408	14.441138	36.025145	0.462642	0.186392
148	CONSUMER ACCOUNTING	100.000000	38.240075	11.822691	24.180438	0.510362	0.057621
149	CUSTOMER SERVICE	100.000000	68.817126	21.276202	4.351530	0.918450	0.103696
150	SUBTOTAL EXPENSES	100.000000	30.443709	14.297528	30.507931	0.508054	0.461406
151	ADMIN. AND GENERAL	100.000000	31.314851	14.979831	30.568303	0.527759	0.589499
152	SUBTOTAL EXPENSES	100.000000	30.698194	14.496847	30.525568	0.513811	0.498825
153	WAPA Purch Pwr	100.000000	21.540980	10.868888	46.054054	0.297401	0.271160
157	Direct PurPwr	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000
158	Subtotal PURCHASED P	100.000000	11.404743	5.739471	24.670359	0.166042	0.139480
159	PURCHASED POWER	100.000000	11.404743	5.739471	24.670359	0.166042	0.139480
160	DEPRECIATION	100.000000	27.664218	13.569635	29.529209	0.562191	0.224021
161	TAXES	100.000000	15.502139	7.718727	25.939530	0.266561	0.207709

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

A.F.	Account	Total Percent	GS CBM	LP CBM	LPT CBM	All CBM	LPT	LPT-General
125	Subtotal TRANSMISSIO	100.000000	0.811128	8.226959	4.731799	13.769887	50.932094	0.311105
127	TRANSMISSION PLANT	100.000000	0.811128	8.226959	4.731799	13.769887	50.932094	0.311105
128	Account 360	100.000000	1.847208	18.735502	0.000000	20.582710	0.043694	0.000000
129	Acct 361	100.000000	0.037493	0.380281	0.000000	0.417775	97.971150	0.000000
130	Account 362	100.000000	1.739711	17.645211	0.000000	19.384922	5.860537	0.000000
131	Account 364/5	100.000000	2.738153	13.978528	0.000000	16.716681	0.000000	0.000000
132	Acct 366/367	100.000000	1.848015	18.743692	0.000000	20.591707	0.000000	0.000000
133	Account 368	100.000000	3.355517	14.263118	0.000000	17.618634	0.000000	0.000000
134	Account 369	100.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
135	Account 370	100.000000	5.085107	10.013534	0.758661	15.857302	1.517321	0.151732
136	Subtotal DISTRIBUTIO	100.000000	2.809035	14.389316	0.056220	17.254570	0.882744	0.011244
139	DISTRIBUTION PLANT	100.000000	2.809035	14.389316	0.056220	17.254570	0.882744	0.011244
140	GENERAL PLANT	100.000000	3.720391	12.761503	0.794874	17.276768	10.488514	0.102383
141	PLANT	100.000000	2.509166	13.023641	1.043108	16.575916	11.615505	0.078882
142	Electric Revenue	100.000000	1.539660	10.980984	2.240297	14.760940	35.277095	0.309145
143	Other Revenue	100.000000	2.015530	11.469571	2.170248	15.655349	36.294446	0.324257
144	REVENUES	100.000000	1.548964	10.990537	2.238927	14.778428	35.296987	0.309441
145	TRANSMISSION O&M	100.000000	0.822907	8.346430	6.095466	15.264803	48.443297	0.315623
146	DISTR. OPERATION	100.000000	3.076987	13.747112	0.161735	16.985833	0.933139	0.032347
147	DISTR. MAINTENANCE	100.000000	2.575296	14.595401	0.007185	17.177882	0.797956	0.001437
148	CONSUMER ACCOUNTING	100.000000	12.347457	12.512091	0.102895	24.962443	0.205791	0.020579
149	CUSTOMER SERVICE	100.000000	2.222057	2.251685	0.018517	4.492259	0.037034	0.003703
150	SUBTOTAL EXPENSES	100.000000	4.229806	13.190672	0.710795	18.131273	5.599752	0.050346
151	ADMIN. AND GENERAL	100.000000	4.262976	13.296820	0.442613	18.002409	3.971706	0.045642
152	SUBTOTAL EXPENSES	100.000000	4.239496	13.221681	0.632451	18.093628	5.124154	0.048972
153	WAPA Purch Pwr	100.000000	1.947229	19.020287	0.000000	20.967517	0.000000	0.000000
157	Direct PurPwr	100.000000	0.000000	0.000000	5.825382	5.825382	93.345446	0.829172
158	Subtotal PURCHASED P	100.000000	1.025709	10.113910	2.721751	13.861370	43.630993	0.387543
159	PURCHASED POWER	100.000000	1.025709	10.113910	2.721751	13.861370	43.630993	0.387543
160	DEPRECIATION	100.000000	2.510008	12.997665	1.059622	16.567295	11.803208	0.080223
161	TAXES	100.000000	1.550832	10.992124	2.237691	14.780647	35.275429	0.309259

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

<u>A.F.</u>	<u>Account</u>	<u>Total Percent</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
162	EXPENSES	100.000000	15.076660	7.435893	25.779885	0.239036	0.193625
163	TRANS. OPERATIONS	100.000000	9.795609	4.703807	21.766377	0.158336	0.105131
164	DISTR. OPERATIONS	100.000000	32.223148	18.145429	30.021960	0.645129	1.213001
165	DISTR. MAINTENANCE	100.000000	31.386597	14.623805	35.637222	0.467936	0.185826
166	CUSTOMER ACCT.	100.000000	38.240075	11.822691	24.180438	0.510362	0.057621
167	CUSTOMER SERVICE	100.000000	68.817126	21.276202	4.351530	0.918450	0.103696
168	SUBTOTAL PAYROLL	100.000000	31.963468	15.277672	30.758170	0.538473	0.605160
169	ADMIN. AND GENERAL	100.000000	31.963468	15.277672	30.758170	0.538473	0.605160
170	PAYROLL	100.000000	31.963468	15.277672	30.758170	0.538473	0.605160
171	Net Plant	100.000000	28.352680	13.927446	29.867773	0.582377	0.215217
172	RATE BASE	100.000000	27.220503	13.705297	30.525113	0.570922	0.224830
173	INTEREST	100.000000	25.673402	12.838359	29.179322	0.519059	0.204037

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Allocation Factors**

<u>A.F.</u>	<u>Account</u>	<u>Total Percent</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
162	EXPENSES	100.000000	1.557076	10.723388	2.330397	14.610861	36.342388	0.321652
163	TRANS. OPERATIONS	100.000000	0.834306	8.462043	6.199073	15.495422	47.655324	0.319995
164	DISTR. OPERATIONS	100.000000	3.241652	13.288805	0.203247	16.733705	0.976979	0.040649
165	DISTR. MAINTENANCE	100.000000	2.607683	14.497068	0.005584	17.110335	0.587162	0.001117
166	CUSTOMER ACCT.	100.000000	12.347457	12.512091	0.102895	24.962443	0.205791	0.020579
167	CUSTOMER SERVICE	100.000000	2.222057	2.251685	0.018517	4.492259	0.037034	0.003703
168	SUBTOTAL PAYROLL	100.000000	4.374225	13.391356	0.368981	18.134562	2.687668	0.034829
169	ADMIN. AND GENERAL	100.000000	4.374225	13.391356	0.368981	18.134562	2.687668	0.034829
170	PAYROLL	100.000000	4.374225	13.391356	0.368981	18.134562	2.687668	0.034829
171	Net Plant	100.000000	2.519281	13.194518	0.929080	16.642879	10.341436	0.070192
172	RATE BASE	100.000000	2.607274	13.532482	0.953491	17.093247	10.588034	0.072055
173	INTEREST	100.000000	2.571931	13.393774	1.275240	17.240944	14.272505	0.072372

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 1: Trans Substation**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	9.839251
2	Res - NS	28,368.00	0.868742
3	Resi - TOD	4,437.00	0.135879
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.285171
6	Resi HR-NS	3,639.00	0.111441
7	Seasonal	14,530.00	0.444967
8	Seasonal-NS	100.00	0.003062
9	Irrigation	6,196.00	0.189746
10	GS-1Ph	49,962.00	1.530037
11	GS-3Ph	134,107.00	4.106895
12	GS CBM-1Ph	5,403.00	0.165462
13	GS CBM-3Ph	27,245.00	0.834351
14	LP - Sec	825,169.00	25.269989
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	10.140714
17	LP CBM - Pri	0.00	0.000000
18	LPT	1,402,413.00	42.947520
19	LPT - CBM	83,823.00	2.566997
20	LPT-General	12,522.00	0.383474
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.050315
23	Security Lts	2,891.00	0.088534
24	Street Lts	1,223.00	0.037453
	Total	3,265,411.00	100.000000
Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	11.738828
2	GEN SERV	184,069.00	5.636932

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 2: Trans Line**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	9.839251
2	Res - NS	28,368.00	0.868742
3	Resi - TOD	4,437.00	0.135879
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.285171
6	Resi HR-NS	3,639.00	0.111441
7	Seasonal	14,530.00	0.444967
8	Seasonal-NS	100.00	0.003062
9	Irrigation	6,196.00	0.189746
10	GS-1Ph	49,962.00	1.530037
11	GS-3Ph	134,107.00	4.106895
12	GS CBM-1Ph	5,403.00	0.165462
13	GS CBM-3Ph	27,245.00	0.834351
14	LP - Sec	825,169.00	25.269989
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	10.140714
17	LP CBM - Pri	0.00	0.000000
18	LPT	1,402,413.00	42.947520
19	LPT - CBM	83,823.00	2.566997
20	LPT-General	12,522.00	0.383474
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.050315
23	Security Lts	2,891.00	0.088534
24	Street Lts	1,223.00	0.037453
	Total	3,265,411.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	11.738828
2	GEN SERV	184,069.00	5.636932

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 3: Distr Sub Demand**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	18.186480
2	Res - NS	28,368.00	1.605748
3	Resi - TOD	4,437.00	0.251153
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.527098
6	Resi HR-NS	3,639.00	0.205983
7	Seasonal	14,530.00	0.822459
8	Seasonal-NS	100.00	0.005660
9	Irrigation	6,196.00	0.350720
10	GS-1Ph	49,962.00	2.828060
11	GS-3Ph	134,107.00	7.591021
12	GS CBM-1Ph	5,403.00	0.305833
13	GS CBM-3Ph	27,245.00	1.542182
14	LP - Sec	825,169.00	46.708040
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	18.743692
17	LP CBM - Pri	0.00	0.000000
18	LPT	0.00	0.000000
19	LPT - CBM	0.00	0.000000
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.093001
23	Security Lts	2,891.00	0.163643
24	Street Lts	1,223.00	0.069227
	Total	1,766,653.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	21.697582
2	GEN SERV	184,069.00	10.419081

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 4: Distr OH Demand**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	18.186480
2	Res - NS	28,368.00	1.605748
3	Resi - TOD	4,437.00	0.251153
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.527098
6	Resi HR-NS	3,639.00	0.205983
7	Seasonal	14,530.00	0.822459
8	Seasonal-NS	100.00	0.005660
9	Irrigation	6,196.00	0.350720
10	GS-1Ph	49,962.00	2.828060
11	GS-3Ph	134,107.00	7.591021
12	GS CBM-1Ph	5,403.00	0.305833
13	GS CBM-3Ph	27,245.00	1.542182
14	LP - Sec	825,169.00	46.708040
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	18.743692
17	LP CBM - Pri	0.00	0.000000
18	LPT	0.00	0.000000
19	LPT - CBM	0.00	0.000000
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.093001
23	Security Lts	2,891.00	0.163643
24	Street Lts	1,223.00	0.069227
	Total	1,766,653.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	21.697582
2	GEN SERV	184,069.00	10.419081

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 5: Distr UG Demand**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	18.186480
2	Res - NS	28,368.00	1.605748
3	Resi - TOD	4,437.00	0.251153
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.527098
6	Resi HR-NS	3,639.00	0.205983
7	Seasonal	14,530.00	0.822459
8	Seasonal-NS	100.00	0.005660
9	Irrigation	6,196.00	0.350720
10	GS-1Ph	49,962.00	2.828060
11	GS-3Ph	134,107.00	7.591021
12	GS CBM-1Ph	5,403.00	0.305833
13	GS CBM-3Ph	27,245.00	1.542182
14	LP - Sec	825,169.00	46.708040
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	18.743692
17	LP CBM - Pri	0.00	0.000000
18	LPT	0.00	0.000000
19	LPT - CBM	0.00	0.000000
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.093001
23	Security Lts	2,891.00	0.163643
24	Street Lts	1,223.00	0.069227
	Total	1,766,653.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	21.697582
2	GEN SERV	184,069.00	10.419081

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 6: Distr Other Demand**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	18.186480
2	Res - NS	28,368.00	1.605748
3	Resi - TOD	4,437.00	0.251153
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.527098
6	Resi HR-NS	3,639.00	0.205983
7	Seasonal	14,530.00	0.822459
8	Seasonal-NS	100.00	0.005660
9	Irrigation	6,196.00	0.350720
10	GS-1Ph	49,962.00	2.828060
11	GS-3Ph	134,107.00	7.591021
12	GS CBM-1Ph	5,403.00	0.305833
13	GS CBM-3Ph	27,245.00	1.542182
14	LP - Sec	825,169.00	46.708040
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	18.743692
17	LP CBM - Pri	0.00	0.000000
18	LPT	0.00	0.000000
19	LPT - CBM	0.00	0.000000
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.093001
23	Secuity Lts	2,891.00	0.163643
24	Street Lts	1,223.00	0.069227
	Total	1,766,653.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	21.697582
2	GEN SERV	184,069.00	10.419081

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 7: PP Demand

Class	Class Name	Amount	Percent
1	Residential	321,292.00	18.186480
2	Res - NS	28,368.00	1.605748
3	Resi - TOD	4,437.00	0.251153
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.527098
6	Resi HR-NS	3,639.00	0.205983
7	Seasonal	14,530.00	0.822459
8	Seasonal-NS	100.00	0.005660
9	Irrigation	6,196.00	0.350720
10	GS-1Ph	49,962.00	2.828060
11	GS-3Ph	134,107.00	7.591021
12	GS CBM-1Ph	5,403.00	0.305833
13	GS CBM-3Ph	27,245.00	1.542182
14	LP - Sec	825,169.00	46.708040
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	18.743692
17	LP CBM - Pri	0.00	0.000000
18	LPT	0.00	0.000000
19	LPT - CBM	0.00	0.000000
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.093001
23	Secuity Lts	2,891.00	0.163643
24	Street Lts	1,223.00	0.069227
	Total	1,766,653.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	21.697582
2	GEN SERV	184,069.00	10.419081

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 8: Energy

Class	Class Name	Sales	Loss	Purchases	Percent
1	Residential	189,237,642	7.051309	203,593,660	17.865637
2	Res - NS	16,712,320	7.051309	17,980,156	1.577785
3	Resi - TOD	2,802,662	7.051309	3,015,279	0.264595
4	Res TOD - NS	481,482	7.051309	518,008	0.045456
5	Resi HR	5,441,558	7.051309	5,854,368	0.513729
6	Resi HR-NS	2,129,787	7.051309	2,291,358	0.201070
7	Seasonal	9,501,685	7.051309	10,222,505	0.897040
8	Seasonal-NS	65,479	7.051309	70,446	0.006182
9	Irrigation	2,892,793	7.051309	3,112,247	0.273104
10	GS-1Ph	31,679,558	7.051309	34,082,845	2.990819
11	GS-3Ph	85,617,746	7.051309	92,112,912	8.083041
12	GS CBM-1Ph	3,486,721	7.051309	3,751,232	0.329176
13	GS CBM-3Ph	17,617,739	7.051309	18,954,263	1.663264
14	LP - Sec	264,340,471	7.051309	284,393,968	24.955978
15	LP - Pri	227,430,885	4.051309	237,033,859	20.800062
16	LP CBM - Sec	152,350,913	7.051309	163,908,616	14.383217
17	LP CBM - Pri	52,080,551	4.051309	54,279,585	4.763112
18	LPT	0	0.000000	0	0.000000
19	LPT - CBM	0	0.000000	0	0.000000
20	LPT-General	0	0.000000	0	0.000000
21	LPC - CBM	0	0.000000	0	0.000000
22	Black Hills	1,118,209	0.000000	1,118,209	0.098124
23	Security Lts	2,153,440	7.051309	2,316,805	0.203303
24	Street Lts	903,582	7.051309	972,130	0.085306
	Total	1,068,045,223	6.277495	1,139,582,455	100.000000
Group	Class Group Name	Sales	Loss	Purchases	Percent
1	RESIDENTIAL	227,490,824	7.019082	244,663,990	21.469618
2	GEN SERV	117,297,304	7.051309	126,195,757	11.073860

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 9: Customer 1 - Average**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	14,110.00	1.000000	14,110.00	52.255391
2	Res - NS	714.00	1.000000	714.00	2.644249
3	Resi - TOD	117.00	1.000000	117.00	0.433301
4	Res TOD - NS	15.00	1.000000	15.00	0.055551
5	Resi HR	210.00	1.000000	210.00	0.777720
6	Resi HR-NS	64.00	1.000000	64.00	0.237019
7	Seasonal	3,347.00	1.000000	3,347.00	12.395378
8	Seasonal-NS	5.00	1.000000	5.00	0.018517
9	Irrigation	248.00	1.000000	248.00	0.918450
10	GS-1Ph	2,688.00	1.000000	2,688.00	9.954818
11	GS-3Ph	3,057.00	1.000000	3,057.00	11.321384
12	GS CBM-1Ph	94.00	1.000000	94.00	0.348122
13	GS CBM-3Ph	506.00	1.000000	506.00	1.873935
14	LP - Sec	1,040.00	1.000000	1,040.00	3.851567
15	LP - Pri	135.00	1.000000	135.00	0.499963
16	LP CBM - Sec	591.00	1.000000	591.00	2.188727
17	LP CBM - Pri	17.00	1.000000	17.00	0.062958
18	LPT	10.00	1.000000	10.00	0.037034
19	LPT - CBM	5.00	1.000000	5.00	0.018517
20	LPT-General	1.00	1.000000	1.00	0.003703
21	LPC - CBM	0.00	1.000000	0.00	0.000000
22	Black Hills	0.00	1.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	1.000000	28.00	0.103696
	Total	27,002.00		27,002.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	18,582.00	1.000000	18,582.00	68.817126
2	GEN SERV	5,745.00	1.000000	5,745.00	21.276202

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 10: Cons Deposit/Advance**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	14,110.00	1.000000	14,110.00	54.796116
2	Res - NS	714.00	1.000000	714.00	2.772816
3	Resi - TOD	117.00	1.000000	117.00	0.454369
4	Res TOD - NS	15.00	1.000000	15.00	0.058252
5	Resi HR	210.00	1.000000	210.00	0.815534
6	Resi HR-NS	64.00	1.000000	64.00	0.248544
7	Seasonal	3,347.00	1.000000	3,347.00	12.998058
8	Seasonal-NS	5.00	1.000000	5.00	0.019417
9	Irrigation	248.00	1.000000	248.00	0.963107
10	GS-1Ph	2,688.00	1.000000	2,688.00	10.438835
11	GS-3Ph	3,057.00	1.000000	3,057.00	11.871845
12	GS CBM-1Ph	94.00	0.000000	0.00	0.000000
13	GS CBM-3Ph	506.00	0.000000	0.00	0.000000
14	LP - Sec	1,040.00	1.000000	1,040.00	4.038835
15	LP - Pri	135.00	1.000000	135.00	0.524272
16	LP CBM - Sec	591.00	0.000000	0.00	0.000000
17	LP CBM - Pri	17.00	0.000000	0.00	0.000000
18	LPT	10.00	0.000000	0.00	0.000000
19	LPT - CBM	5.00	0.000000	0.00	0.000000
20	LPT-General	1.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	0.000000	0.00	0.000000
	Total	27,002.00		25,750.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	18,582.00	1.000000	18,582.00	72.163106
2	GEN SERV	5,745.00	1.000000	5,745.00	22.310680

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 11: Consumer 2-Weighted**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	14,110.00	1.000000	14,110.00	29.037104
2	Res - NS	714.00	1.000000	714.00	1.469347
3	Resi - TOD	117.00	1.000000	117.00	0.240775
4	Res TOD - NS	15.00	1.000000	15.00	0.030869
5	Resi HR	210.00	1.000000	210.00	0.432161
6	Resi HR-NS	64.00	1.000000	64.00	0.131706
7	Seasonal	3,347.00	1.000000	3,347.00	6.887823
8	Seasonal-NS	5.00	1.000000	5.00	0.010290
9	Irrigation	248.00	1.000000	248.00	0.510362
10	GS-1Ph	2,688.00	1.000000	2,688.00	5.531661
11	GS-3Ph	3,057.00	1.000000	3,057.00	6.291030
12	GS CBM-1Ph	94.00	10.000000	940.00	1.934435
13	GS CBM-3Ph	506.00	10.000000	5,060.00	10.413022
14	LP - Sec	1,040.00	10.000000	10,400.00	21.402260
15	LP - Pri	135.00	10.000000	1,350.00	2.778178
16	LP CBM - Sec	591.00	10.000000	5,910.00	12.162246
17	LP CBM - Pri	17.00	10.000000	170.00	0.349845
18	LPT	10.00	10.000000	100.00	0.205791
19	LPT - CBM	5.00	10.000000	50.00	0.102895
20	LPT-General	1.00	10.000000	10.00	0.020579
21	LPC - CBM	0.00	10.000000	0.00	0.000000
22	Black Hills	0.00	1.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	1.000000	28.00	0.057621
	Total	27,002.00		48,593.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	18,582.00	1.000000	18,582.00	38.240075
2	GEN SERV	5,745.00	1.000000	5,745.00	11.822691

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 12: Consumer 3 - 1 Phase**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	14,110.00	1.000000	14,110.00	65.197302
2	Res - NS	714.00	1.000000	714.00	3.299141
3	Resi - TOD	117.00	1.000000	117.00	0.540615
4	Res TOD - NS	15.00	1.000000	15.00	0.069310
5	Resi HR	210.00	1.000000	210.00	0.970335
6	Resi HR-NS	64.00	1.000000	64.00	0.295721
7	Seasonal	3,348.00	1.000000	3,348.00	15.469920
8	Seasonal-NS	5.00	1.000000	5.00	0.023103
9	Irrigation	247.00	1.000000	247.00	1.141299
10	GS-1Ph	2,688.00	1.000000	2,688.00	12.420294
11	GS-3Ph	0.00	0.000000	0.00	0.000000
12	GS CBM-1Ph	94.00	1.000000	94.00	0.434341
13	GS CBM-3Ph	0.00	0.000000	0.00	0.000000
14	LP - Sec	0.00	0.000000	0.00	0.000000
15	LP - Pri	0.00	0.000000	0.00	0.000000
16	LP CBM - Sec	0.00	0.000000	0.00	0.000000
17	LP CBM - Pri	0.00	0.000000	0.00	0.000000
18	LPT	0.00	0.000000	0.00	0.000000
19	LPT - CBM	0.00	0.000000	0.00	0.000000
20	LPT-General	0.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	2.00	1.000000	2.00	0.009241
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	1.000000	28.00	0.129378
	Total	21,642.00		21,642.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	18,585.00	1.000000	18,585.00	85.874688
2	GEN SERV	2,688.00	1.000000	2,688.00	12.420294

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 13: Consumer 4 - 3 Phase**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	0.00	0.000000	0.00	0.000000
2	Res - NS	0.00	0.000000	0.00	0.000000
3	Resi - TOD	0.00	0.000000	0.00	0.000000
4	Res TOD - NS	0.00	0.000000	0.00	0.000000
5	Resi HR	0.00	0.000000	0.00	0.000000
6	Resi HR-NS	0.00	0.000000	0.00	0.000000
7	Seasonal	0.00	0.000000	0.00	0.000000
8	Seasonal-NS	0.00	0.000000	0.00	0.000000
9	Irrigation	0.00	0.000000	0.00	0.000000
10	GS-1Ph	0.00	0.000000	0.00	0.000000
11	GS-3Ph	3,057.00	1.000000	3,057.00	47.285383
12	GS CBM-1Ph	0.00	0.000000	0.00	0.000000
13	GS CBM-3Ph	506.00	1.500000	759.00	11.740139
14	LP - Sec	1,040.00	1.500000	1,560.00	24.129930
15	LP - Pri	135.00	1.500000	202.50	3.132251
16	LP CBM - Sec	591.00	1.500000	886.50	13.712297
17	LP CBM - Pri	0.00	0.000000	0.00	0.000000
18	LPT	0.00	0.000000	0.00	0.000000
19	LPT - CBM	0.00	0.000000	0.00	0.000000
20	LPT-General	0.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	0.00	0.000000	0.00	0.000000
	Total	5,329.00		6,465.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	0.00	0.000000	0.00	0.000000
2	GEN SERV	3,057.00	1.000000	3,057.00	47.285383

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 14: Account 368**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	141,100.00	25.000000	3,527,500.00	33.405448
2	Res - NS	14,280.00	20.000000	285,600.00	2.704634
3	Resi - TOD	1,170.00	25.000000	29,250.00	0.276998
4	Res TOD - NS	300.00	20.000000	6,000.00	0.056820
5	Resi HR	2,100.00	25.000000	52,500.00	0.497175
6	Resi HR-NS	1,280.00	20.000000	25,600.00	0.242432
7	Seasonal	33,470.00	25.000000	836,750.00	7.924028
8	Seasonal-NS	100.00	20.000000	2,000.00	0.018940
9	Irrigation	12,350.00	15.000000	185,250.00	1.754319
10	GS-1Ph	40,320.00	22.000000	887,040.00	8.400274
11	GS-3Ph	76,425.00	18.000000	1,375,650.00	13.027414
12	GS CBM-1Ph	2,350.00	18.000000	42,300.00	0.400581
13	GS CBM-3Ph	22,770.00	15.000000	341,550.00	3.234481
14	LP - Sec	102,951.00	15.000000	1,544,265.00	14.624199
15	LP - Pri	0.00	0.000000	0.00	0.000000
16	LP CBM - Sec	94,560.00	15.000000	1,418,400.00	13.432257
17	LP CBM - Pri	0.00	0.000000	0.00	0.000000
18	LPT	0.00	0.000000	0.00	0.000000
19	LPT - CBM	0.00	0.000000	0.00	0.000000
20	LPT-General	0.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	0.00	0.000000	0.00	0.000000
	Total	545,526.00		10,559,655.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	193,800.00	24.588235	4,765,200.00	45.126475
2	GEN SERV	116,745.00	19.381472	2,262,690.00	21.427688

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 15: Account 369**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	14,110.00	456.300000	6,438,393.00	43.223265
2	Res - NS	714.00	567.030000	404,859.42	2.717968
3	Resi - TOD	117.00	456.300000	53,387.10	0.358407
4	Res TOD - NS	15.00	567.030000	8,505.45	0.057100
5	Resi HR	210.00	456.300000	95,823.00	0.643295
6	Resi HR-NS	64.00	567.030000	36,289.92	0.243627
7	Seasonal	3,347.00	569.430000	1,905,882.21	12.794878
8	Seasonal-NS	5.00	661.880000	3,309.40	0.022217
9	Irrigation	248.00	708.350000	175,670.80	1.179342
10	GS-1Ph	2,688.00	569.430000	1,530,627.84	10.275659
11	GS-3Ph	3,057.00	703.350000	2,150,140.95	14.434675
12	GS CBM-1Ph	94.00	0.000000	0.00	0.000000
13	GS CBM-3Ph	506.00	0.000000	0.00	0.000000
14	LP - Sec	1,040.00	2,000.000000	2,080,000.00	13.963794
15	LP - Pri	135.00	0.000000	0.00	0.000000
16	LP CBM - Sec	591.00	0.000000	0.00	0.000000
17	LP CBM - Pri	17.00	0.000000	0.00	0.000000
18	LPT	10.00	0.000000	0.00	0.000000
19	LPT - CBM	5.00	0.000000	0.00	0.000000
20	LPT-General	1.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	456.300000	12,776.40	0.085773
	Total	27,002.00		14,895,665.49	100.000000

Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	18,582.00	481.457836	8,946,449.50	60.060757
2	GEN SERV	5,745.00	640.690825	3,680,768.79	24.710334

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 16: Account 370 1 Phase**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	14,110.00	750.000000	10,582,500.00	55.082188
2	Res - NS	714.00	1,850.000000	1,320,900.00	6.875319
3	Resi - TOD	117.00	750.000000	87,750.00	0.456741
4	Res TOD - NS	15.00	1,850.000000	27,750.00	0.144439
5	Resi HR	210.00	1,400.000000	294,000.00	1.530278
6	Resi HR-NS	64.00	2,400.000000	153,600.00	0.799492
7	Seasonal	3,348.00	750.000000	2,511,000.00	13.069820
8	Seasonal-NS	5.00	1,850.000000	9,250.00	0.048146
9	Irrigation	247.00	1,350.000000	333,450.00	1.735616
10	GS-1Ph	2,688.00	1,350.000000	3,628,800.00	18.887998
11	GS-3Ph	0.00	0.000000	0.00	0.000000
12	GS CBM-1Ph	94.00	2,800.000000	263,200.00	1.369963
13	GS CBM-3Ph	0.00	0.000000	0.00	0.000000
14	LP - Sec	0.00	0.000000	0.00	0.000000
15	LP - Pri	0.00	0.000000	0.00	0.000000
16	LP CBM - Sec	0.00	0.000000	0.00	0.000000
17	LP CBM - Pri	0.00	0.000000	0.00	0.000000
18	LPT	0.00	0.000000	0.00	0.000000
19	LPT - CBM	0.00	0.000000	0.00	0.000000
20	LPT-General	0.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	0.000000	0.00	0.000000
	Total	21,640.00		19,212,200.00	100.000000

Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	18,583.00	806.476349	14,986,750.00	78.006423
2	GEN SERV	2,688.00	1,350.000000	3,628,800.00	18.887998

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 17: Account 370 3 Phase**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	0.00	0.000000	0.00	0.000000
2	Res - NS	0.00	0.000000	0.00	0.000000
3	Resi - TOD	0.00	0.000000	0.00	0.000000
4	Res TOD - NS	0.00	0.000000	0.00	0.000000
5	Resi HR	0.00	0.000000	0.00	0.000000
6	Resi HR-NS	0.00	0.000000	0.00	0.000000
7	Seasonal	0.00	0.000000	0.00	0.000000
8	Seasonal-NS	0.00	0.000000	0.00	0.000000
9	Irrigation	0.00	0.000000	0.00	0.000000
10	GS-1Ph	0.00	0.000000	0.00	0.000000
11	GS-3Ph	3,057.00	2,800.000000	8,559,600.00	33.038639
12	GS CBM-1Ph	0.00	0.000000	0.00	0.000000
13	GS CBM-3Ph	506.00	4,000.000000	2,024,000.00	7.812305
14	LP - Sec	1,040.00	7,137.000000	7,422,480.00	28.649544
15	LP - Pri	135.00	16,749.000000	2,261,115.00	8.727530
16	LP CBM - Sec	591.00	7,137.000000	4,217,967.00	16.280654
17	LP CBM - Pri	17.00	16,749.000000	284,733.00	1.099022
18	LPT	10.00	71,122.000000	711,220.00	2.745191
19	LPT - CBM	5.00	71,122.000000	355,610.00	1.372596
20	LPT-General	1.00	71,122.000000	71,122.00	0.274519
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Secuity Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	28.00	0.000000	0.00	0.000000
	Total	5,390.00		25,907,847.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	0.00	0.000000	0.00	0.000000
2	GEN SERV	3,057.00	2,800.000000	8,559,600.00	33.038639

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 18: Account 370 Turtles**

Class	Class Name	Amount	Percent
1	Residential	14,110.00	52.286373
2	Res - NS	714.00	2.645816
3	Resi - TOD	117.00	0.433558
4	Res TOD - NS	15.00	0.055584
5	Resi HR	210.00	0.778181
6	Resi HR-NS	64.00	0.237160
7	Seasonal	3,347.00	12.402727
8	Seasonal-NS	5.00	0.018528
9	Irrigation	248.00	0.918995
10	GS-1Ph	2,688.00	9.960720
11	GS-3Ph	3,057.00	11.328096
12	GS CBM-1Ph	94.00	0.348329
13	GS CBM-3Ph	506.00	1.875046
14	LP - Sec	1,040.00	3.853850
15	LP - Pri	135.00	0.500259
16	LP CBM - Sec	591.00	2.190024
17	LP CBM - Pri	17.00	0.062996
18	LPT	0.00	0.000000
19	LPT - CBM	0.00	0.000000
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Secuity Lts	0.00	0.000000
24	Street Lts	28.00	0.103758
	Total	26,986.00	100.000000
Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	18,582.00	68.857927
2	GEN SERV	5,745.00	21.288816

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 19: Base Revenue**

Class	Class Name	Amount	Percent
1	Residential	21,231,125.00	13.758764
2	Res - NS	0.00	0.000000
3	Resi - TOD	277,142.00	0.179601
4	Res TOD - NS	0.00	0.000000
5	Resi HR	552,617.00	0.358122
6	Resi HR-NS	0.00	0.000000
7	Seasonal	1,799,725.00	1.166306
8	Seasonal-NS	0.00	0.000000
9	Irrigation	418,096.00	0.270946
10	GS-1Ph	11,921,415.00	7.725636
11	GS-3Ph	0.00	0.000000
12	GS CBM-1Ph	2,389,327.00	1.548396
13	GS CBM-3Ph	0.00	0.000000
14	LP - Sec	39,566,476.00	25.640931
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	16,741,509.00	10.849282
17	LP CBM - Pri	0.00	0.000000
18	LPT	55,175,864.00	35.756545
19	LPT - CBM	3,375,722.00	2.187626
20	LPT-General	466,340.00	0.302210
21	LPC - CBM	0.00	0.000000
22	Black Hills	70,853.00	0.045916
23	Secuity Lts	234,600.00	0.152032
24	Street Lts	89,016.00	0.057687
	Total	154,309,827.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	23,931,462.00	15.508709
2	GEN SERV	11,921,415.00	7.725636

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 20: COPA Revenue**

Class	Class Name	Amount	Percent
1	Residential	1,050,817.00	12.381462
2	Res - NS	92,802.00	1.093458
3	Resi - TOD	15,563.00	0.183374
4	Res TOD - NS	2,674.00	0.031507
5	Resi HR	30,216.00	0.356026
6	Resi HR-NS	11,826.00	0.139342
7	Seasonal	52,762.00	0.621679
8	Seasonal-NS	364.00	0.004289
9	Irrigation	16,063.00	0.189266
10	GS-1Ph	175,913.00	2.072730
11	GS-3Ph	475,426.00	5.601802
12	GS CBM-1Ph	19,361.00	0.228125
13	GS CBM-3Ph	97,829.00	1.152690
14	LP - Sec	2,730,755.00	32.175666
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	845,989.00	9.968035
17	LP CBM - Pri	289,198.00	3.407533
18	LPT	2,254,136.00	26.559809
19	LPT - CBM	271,411.00	3.197954
20	LPT-General	36,939.00	0.435241
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Security Lts	11,958.00	0.140898
24	Street Lts	5,017.00	0.059114
	Total	8,487,019.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	1,257,024.00	14.811137
2	GEN SERV	651,339.00	7.674532

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 21: Direct Large Power**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	100.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Security Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 22: Dir LPT Trans Sub**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	100.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Secuity Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 23: Dir LPT Trans Line**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	100.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Secuity Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000
Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 24: Dir LPT CBM - Trans**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	100.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Security Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 25: Direct LP Trans**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	100.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Secuity Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 26: Direct LP Sub**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	100.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Security Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 27: Direct LPT Subs**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	100.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Secuity Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000
Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 28: Direct Street Lights**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Security Lts	0.000000
24	Street Lts	100.000000
	Total	100.000000
Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 29: Direct Security Lts**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Security Lts	100.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 30: Direct PP Demand**

Class	Class Name	Amount	Percent
1	Residential	0.00	0.000000
2	Res - NS	0.00	0.000000
3	Resi - TOD	0.00	0.000000
4	Res TOD - NS	0.00	0.000000
5	Resi HR	0.00	0.000000
6	Resi HR-NS	0.00	0.000000
7	Seasonal	0.00	0.000000
8	Seasonal-NS	0.00	0.000000
9	Irrigation	0.00	0.000000
10	GS-1Ph	0.00	0.000000
11	GS-3Ph	0.00	0.000000
12	GS CBM-1Ph	0.00	0.000000
13	GS CBM-3Ph	0.00	0.000000
14	LP - Sec	0.00	0.000000
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	0.00	0.000000
17	LP CBM - Pri	0.00	0.000000
18	LPT	27,543,390.00	93.571686
19	LPT - CBM	1,646,274.00	5.592799
20	LPT-General	245,939.00	0.835515
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Security Lts	0.00	0.000000
24	Street Lts	0.00	0.000000
	Total	29,435,603.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	0.00	0.000000
2	GEN SERV	0.00	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 31: Direct PP Energy**

Class	Class Name	Amount	Percent
1	Residential	0.00	0.000000
2	Res - NS	0.00	0.000000
3	Resi - TOD	0.00	0.000000
4	Res TOD - NS	0.00	0.000000
5	Resi HR	0.00	0.000000
6	Resi HR-NS	0.00	0.000000
7	Seasonal	0.00	0.000000
8	Seasonal-NS	0.00	0.000000
9	Irrigation	0.00	0.000000
10	GS-1Ph	0.00	0.000000
11	GS-3Ph	0.00	0.000000
12	GS CBM-1Ph	0.00	0.000000
13	GS CBM-3Ph	0.00	0.000000
14	LP - Sec	0.00	0.000000
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	0.00	0.000000
17	LP CBM - Pri	0.00	0.000000
18	LPT	27,654,759.00	93.121201
19	LPT - CBM	1,798,461.00	6.055914
20	LPT-General	244,377.00	0.822885
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Security Lts	0.00	0.000000
24	Street Lts	0.00	0.000000
	Total	29,697,597.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	0.00	0.000000
2	GEN SERV	0.00	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 32: Direct Heat Rate**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	100.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	0.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Security Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000
Group	Class Group Name	Percent
1	RESIDENTIAL	100.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 33: Dirct LPT-CBM Trans**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	100.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Secuity Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 34: Dir LPT-CBM Trans Ln**

Class	Class Name	Percent
1	Residential	0.000000
2	Res - NS	0.000000
3	Resi - TOD	0.000000
4	Res TOD - NS	0.000000
5	Resi HR	0.000000
6	Resi HR-NS	0.000000
7	Seasonal	0.000000
8	Seasonal-NS	0.000000
9	Irrigation	0.000000
10	GS-1Ph	0.000000
11	GS-3Ph	0.000000
12	GS CBM-1Ph	0.000000
13	GS CBM-3Ph	0.000000
14	LP - Sec	0.000000
15	LP - Pri	0.000000
16	LP CBM - Sec	0.000000
17	LP CBM - Pri	0.000000
18	LPT	0.000000
19	LPT - CBM	100.000000
20	LPT-General	0.000000
21	LPC - CBM	0.000000
22	Black Hills	0.000000
23	Secuity Lts	0.000000
24	Street Lts	0.000000
	Total	100.000000

Group	Class Group Name	Percent
1	RESIDENTIAL	0.000000
2	GEN SERV	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 35: SCADA**

Class	Class Name	Amount	Percent
1	Residential	321,292.00	9.839251
2	Res - NS	28,368.00	0.868742
3	Resi - TOD	4,437.00	0.135879
4	Res TOD - NS	0.00	0.000000
5	Resi HR	9,312.00	0.285171
6	Resi HR-NS	3,639.00	0.111441
7	Seasonal	14,530.00	0.444967
8	Seasonal-NS	100.00	0.003062
9	Irrigation	6,196.00	0.189746
10	GS-1Ph	49,962.00	1.530037
11	GS-3Ph	134,107.00	4.106895
12	GS CBM-1Ph	5,403.00	0.165462
13	GS CBM-3Ph	27,245.00	0.834351
14	LP - Sec	825,169.00	25.269989
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	331,136.00	10.140714
17	LP CBM - Pri	0.00	0.000000
18	LPT	1,402,413.00	42.947520
19	LPT - CBM	83,823.00	2.566997
20	LPT-General	12,522.00	0.383474
21	LPC - CBM	0.00	0.000000
22	Black Hills	1,643.00	0.050315
23	Secuity Lts	2,891.00	0.088534
24	Street Lts	1,223.00	0.037453
	Total	3,265,411.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	383,321.00	11.738828
2	GEN SERV	184,069.00	5.636932

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 36: Idle Services**

Class	Class Name	Amount	Weight	Product	Percent
1	Residential	193.00	15.000000	2,895.00	16.821615
2	Res - NS	0.00	0.000000	0.00	0.000000
3	Resi - TOD	0.00	0.000000	0.00	0.000000
4	Res TOD - NS	0.00	0.000000	0.00	0.000000
5	Resi HR	0.00	0.000000	0.00	0.000000
6	Resi HR-NS	0.00	0.000000	0.00	0.000000
7	Seasonal	76.00	15.000000	1,140.00	6.624056
8	Seasonal-NS	0.00	0.000000	0.00	0.000000
9	Irrigation	4.00	15.000000	60.00	0.348635
10	GS-1Ph	113.00	18.000000	2,034.00	11.818710
11	GS-3Ph	0.00	0.000000	0.00	0.000000
12	GS CBM-1Ph	74.00	35.000000	2,590.00	15.049390
13	GS CBM-3Ph	0.00	0.000000	0.00	0.000000
14	LP - Sec	29.00	79.000000	2,291.00	13.312028
15	LP - Pri	0.00	0.000000	0.00	0.000000
16	LP CBM - Sec	62.00	100.000000	6,200.00	36.025566
17	LP CBM - Pri	0.00	0.000000	0.00	0.000000
18	LPT	0.00	0.000000	0.00	0.000000
19	LPT - CBM	0.00	0.000000	0.00	0.000000
20	LPT-General	0.00	0.000000	0.00	0.000000
21	LPC - CBM	0.00	0.000000	0.00	0.000000
22	Black Hills	0.00	0.000000	0.00	0.000000
23	Security Lts	0.00	0.000000	0.00	0.000000
24	Street Lts	0.00	0.000000	0.00	0.000000
	Total	551.00		17,210.00	100.000000
Group	Class Group Name	Amount	Weight	Product	Percent
1	RESIDENTIAL	269.00	15.000000	4,035.00	23.445671
2	GEN SERV	113.00	18.000000	2,034.00	11.818710

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 37: Direct Fixed Charges**

Class	Class Name	Amount	Percent
1	Residential	0.00	0.000000
2	Res - NS	0.00	0.000000
3	Resi - TOD	0.00	0.000000
4	Res TOD - NS	0.00	0.000000
5	Resi HR	0.00	0.000000
6	Resi HR-NS	0.00	0.000000
7	Seasonal	0.00	0.000000
8	Seasonal-NS	0.00	0.000000
9	Irrigation	0.00	0.000000
10	GS-1Ph	0.00	0.000000
11	GS-3Ph	0.00	0.000000
12	GS CBM-1Ph	0.00	0.000000
13	GS CBM-3Ph	0.00	0.000000
14	LP - Sec	0.00	0.000000
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	0.00	0.000000
17	LP CBM - Pri	0.00	0.000000
18	LPT	367,792.00	93.540765
19	LPT - CBM	21,855.00	5.558396
20	LPT-General	3,542.00	0.900839
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Security Lts	0.00	0.000000
24	Street Lts	0.00	0.000000
	Total	393,189.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	0.00	0.000000
2	GEN SERV	0.00	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 38: Other Energy Charges**

Class	Class Name	Amount	Percent
1	Residential	0.00	0.000000
2	Res - NS	0.00	0.000000
3	Resi - TOD	0.00	0.000000
4	Res TOD - NS	0.00	0.000000
5	Resi HR	0.00	0.000000
6	Resi HR-NS	0.00	0.000000
7	Seasonal	0.00	0.000000
8	Seasonal-NS	0.00	0.000000
9	Irrigation	0.00	0.000000
10	GS-1Ph	0.00	0.000000
11	GS-3Ph	0.00	0.000000
12	GS CBM-1Ph	0.00	0.000000
13	GS CBM-3Ph	0.00	0.000000
14	LP - Sec	0.00	0.000000
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	0.00	0.000000
17	LP CBM - Pri	0.00	0.000000
18	LPT	-188,756.00	93.058432
19	LPT - CBM	-12,098.00	5.964424
20	LPT-General	-1,982.00	0.977144
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Security Lts	0.00	0.000000
24	Street Lts	0.00	0.000000
	Total	-202,836.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	0.00	0.000000
2	GEN SERV	0.00	0.000000

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Derivation of Factor 39: Cust Dep Interest**

Class	Class Name	Amount	Percent
1	Residential	396,670.00	2.366020
2	Res - NS	20,073.00	0.119730
3	Resi - TOD	3,294.00	0.019648
4	Res TOD - NS	422.00	0.002517
5	Resi HR	5,912.00	0.035263
6	Resi HR-NS	1,802.00	0.010748
7	Seasonal	0.00	0.000000
8	Seasonal-NS	0.00	0.000000
9	Irrigation	1,455.00	0.008679
10	GS-1Ph	702,267.00	4.188816
11	GS-3Ph	0.00	0.000000
12	GS CBM-1Ph	548,173.00	3.269690
13	GS CBM-3Ph	0.00	0.000000
14	LP - Sec	4,158,406.00	24.803666
15	LP - Pri	0.00	0.000000
16	LP CBM - Sec	2,935,365.00	17.508587
17	LP CBM - Pri	0.00	0.000000
18	LPT	7,345,000.00	43.810758
19	LPT - CBM	646,449.00	3.855878
20	LPT-General	0.00	0.000000
21	LPC - CBM	0.00	0.000000
22	Black Hills	0.00	0.000000
23	Secuity Lts	0.00	0.000000
24	Street Lts	0.00	0.000000
	Total	16,765,288.00	100.000000

Group	Class Group Name	Amount	Percent
1	RESIDENTIAL	428,173.00	2.553926
2	GEN SERV	702,267.00	4.188816

POWDER RIVER ENERGY CORPORATION
ALLOCATION OF MONTHLY SYSTEM DEMAND

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Residential	41,756	47,642	30,307	26,596	22,671	19,268	15,052	25,470	14,606	19,670	21,000	37,254	321,292
Res > 200 Amps	3,648	4,226	2,607	2,266	1,939	1,669	1,283	2,265	1,286	1,772	1,946	3,460	28,368
Residential - TOD	604	649	477	369	243	203	205	213	229	265	425	555	4,437
Res - TOD >200 Amps	0	0	0	0	0	0	0	0	0	0	0	0	0
Res Heat Rate	1,393	1,654	941	781	511	353	259	452	301	602	731	1,334	9,312
Res HR >200 Amps	526	633	359	298	208	155	113	202	130	218	279	518	3,639
Residential	47,927	54,805	34,691	30,310	25,572	21,648	16,911	28,603	16,552	22,527	24,381	43,122	367,048
Seasonal	3	0	2	9	4	2,501	1,895	3,017	1,885	2,777	1,049	1,389	14,530
Seasonal >200 Amps	0	0	0	0	0	17	13	20	13	19	9	11	100
Seasonal	3	0	2	9	4	2,518	1,908	3,037	1,897	2,795	1,057	1,401	14,630
Irrigation	0	0	0	0	576	745	2,127	2,005	743	0	0	0	6,196
General Service 1Ph	6,264	6,388	4,504	4,156	3,741	3,400	2,693	3,764	2,505	3,759	3,880	4,908	49,962
General Service 3Ph	14,336	13,858	11,299	10,854	12,409	10,265	7,681	11,452	8,147	10,615	10,509	12,683	134,107
General Service	20,600	20,246	15,803	15,010	16,150	13,666	10,374	15,215	10,652	14,373	14,389	17,591	184,070
GS 1Ph-CBM	637	656	481	494	447	383	275	399	275	476	369	511	5,403
GS 3Ph-CBM	3,138	2,976	2,439	2,562	2,585	2,022	1,485	2,219	1,474	2,278	1,800	2,268	27,245
GS CBM	3,774	3,631	2,919	3,056	3,032	2,405	1,760	2,619	1,749	2,754	2,169	2,779	32,648
Large Power	69,628	71,507	66,322	67,251	70,890	63,394	65,758	71,578	66,604	73,470	65,233	73,534	825,169
LP - CBM	31,136	28,600	28,323	29,773	27,914	27,646	26,795	26,291	20,912	32,244	25,929	25,573	331,136
LP Transmission	129,912	128,611	123,533	120,888	102,377	99,238	116,298	106,570	120,559	118,247	120,959	115,222	1,402,413
LPT - CBM	7,216	7,443	7,436	9,678	7,183	7,051	5,995	6,354	6,046	6,588	6,396	6,437	83,823
LPT - Other	711	1,622	821	449	364	1,388	2,795	441	1,256	672	768	1,234	12,522
LPC - CBM	0	0	0	0	0	0	0	0	0	0	0	0	0
Black Hills	134	139	134	139	134	134	149	134	139	134	139	134	1,643
Security Lighting	571	588	570	0	0	0	0	0	0	0	582	580	2,891
Street Lighting	240	249	242	0	0	0	0	0	0	0	250	242	1,223
Total	311,852	317,441	280,796	276,562	254,197	239,832	250,871	262,847	247,110	273,803	262,252	287,849	3,265,412
Total System CP kW	311,852	317,441	280,796	276,562	254,197	239,832	250,871	262,847	247,110	273,803	262,252	287,849	3,265,412
Total Assigned kW	240,152	239,408	227,858	228,546	209,682	199,798	220,123	213,586	216,489	231,619	220,681	223,511	2,671,453
Unallocated kW	71,701	78,034	52,938	48,015	44,515	40,034	30,748	49,261	30,621	42,184	41,571	64,338	593,959

POWDER RIVER ENERGY CORPORATION
ALLOCATION OF MONTHLY SYSTEM DEMAND

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
<u>kWh Sold</u>													
Residential	23,353,368	24,096,767	18,909,429	14,522,725	12,526,766	12,181,602	12,556,574	13,347,720	12,253,522	11,200,203	15,797,279	21,155,962	191,901,918
Res > 200 Amps	2,040,449	2,137,665	1,626,425	1,237,542	1,071,210	1,055,486	1,069,884	1,187,221	1,079,026	1,008,883	1,463,851	1,964,936	16,942,579
Res Heat Rate	779,139	836,581	587,236	426,481	282,304	222,983	215,931	237,097	252,595	342,742	549,553	757,691	5,490,333
Res HR >200 Amps	294,462	320,197	223,971	162,679	114,770	98,193	93,983	105,758	108,888	123,917	209,861	294,447	2,151,128
Seasonal	1,478	1	1,133	4,779	2,214	1,581,106	1,581,106	1,581,106	1,581,106	1,581,106	788,987	788,987	9,493,108
Seasonal >200 Amps	0	0	0	0	0	10,546	10,546	10,546	10,546	10,546	6,415	6,415	65,562
General Service 1Ph	3,732,007	3,464,330	2,974,499	2,420,957	2,203,518	2,273,907	2,344,854	2,109,731	2,193,252	2,277,434	3,060,322	2,966,552	32,021,364
General Service 3Ph	8,541,484	7,514,859	7,462,386	6,322,943	7,309,315	6,864,675	6,687,662	6,419,260	7,132,502	6,431,304	8,288,575	7,665,513	86,640,477
GS 1Ph-CBM	379,295	355,601	317,564	287,938	263,298	256,090	239,807	223,826	240,567	288,297	291,365	308,754	3,452,402
GS 3Ph-CBM	1,869,301	1,613,689	1,610,554	1,492,230	1,522,892	1,352,355	1,293,072	1,244,033	1,290,397	1,380,143	1,419,445	1,370,844	17,458,955
Total	40,990,984	40,339,691	33,713,196	26,878,274	25,296,289	25,896,944	26,093,419	26,466,298	26,142,401	24,644,575	31,875,654	37,280,101	365,617,825
<u>Assigned kW Remainder</u>													
Residential	41,756	47,642	30,307	26,596	22,671	19,268	15,052	25,470	14,606	19,670	21,000	37,254	321,292
Res > 200 Amps	3,648	4,226	2,607	2,266	1,939	1,669	1,283	2,265	1,286	1,772	1,946	3,460	28,368
Res Heat Rate	1,393	1,654	941	781	511	353	259	452	301	602	731	1,334	9,312
Res HR >200 Amps	526	633	359	298	208	155	113	202	130	218	279	518	3,639
Seasonal	3	0	2	9	4	2,501	1,895	3,017	1,885	2,777	1,049	1,389	14,530
Seasonal >200 Amps	0	0	0	0	0	17	13	20	13	19	9	11	100
General Service 1Ph	6,264	6,388	4,504	4,156	3,741	3,400	2,693	3,764	2,505	3,759	3,880	4,908	49,962
General Service 3Ph	14,336	13,858	11,299	10,854	12,409	10,265	7,681	11,452	8,147	10,615	10,509	12,683	134,107
GS 1Ph-CBM	637	656	481	494	447	383	275	399	275	476	369	511	5,403
GS 3Ph-CBM	3,138	2,976	2,439	2,562	2,585	2,022	1,485	2,219	1,474	2,278	1,800	2,268	27,245
Total	71,701	78,034	52,938	48,015	44,515	40,034	30,748	49,261	30,621	42,184	41,571	64,338	593,959

POWDER RIVER ENERGY CORPORATION

DEVELOPMENT OF MONTHLY CLASS DEMAND ALLOCATION

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Hours in Month	744	720	744	720	744	744	672	744	720	744	720	744	8,760
<u>Irrigation</u>													
Total Operating HP	296	303	300	570	2,873	3,713	5,300	4,997	3,702	758	356	342	23,511
kW per HP	0.746	0.746	0.746	0.746	0.746	0.746	0.746	0.746	0.746	0.746	0.746	0.746	0.746
Calculated kW	220.69	226.16	224.02	424.93	2,143.21	2,770.23	3,953.98	3,727.49	2,761.95	565.58	265.87	255.33	17,539
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
Coincidence Factor	0.00%	0.00%	0.00%	0.00%	25.00%	25.00%	50.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%
Allocated kW	0	0	0	0	576	745	2,127	2,005	743	0	0	0	6,196
<u>Large Power</u>													
Secondary Metered kW	53,519	54,475	50,358	51,164	53,605	48,457	48,997	53,961	49,897	55,227	49,039	56,969	625,669
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
Coincidence Factor	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
Allocated kW	40,305	41,026	37,924	38,532	40,370	36,493	36,900	40,638	37,578	41,592	36,931	42,903	471,192
Primary Metered kW	35,169	36,558	34,059	34,444	36,605	32,264	34,611	37,108	34,812	38,233	33,944	36,738	424,544
Losses	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%
Coincidence Factor	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Allocated kW	29,323	30,481	28,398	28,719	30,520	26,901	28,858	30,940	29,026	31,878	28,302	30,631	353,977
Total Allocated kW	69,628	71,507	66,322	67,251	70,890	63,394	65,758	71,578	66,604	73,470	65,233	73,534	825,169
<u>LP - CBM</u>													
Secondary Metered kW	32,387	29,738	29,274	30,865	28,966	28,626	27,591	26,928	21,209	32,630	26,240	25,857	340,312
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
Coincidence Factor	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
Allocated kW	24,391	22,396	22,047	23,245	21,815	21,559	20,779	20,279	15,973	24,574	19,761	19,473	256,292
Primary Metered kW	8,090	7,441	7,527	7,829	7,315	7,300	7,216	7,210	5,923	9,199	7,398	7,316	89,765
Losses	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%	4.05131%
Coincidence Factor	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
Allocated kW	6,745	6,204	6,276	6,528	6,099	6,087	6,016	6,012	4,939	7,670	6,168	6,100	74,844
Total Allocated kW	31,136	28,600	28,323	29,773	27,914	27,646	26,795	26,291	20,912	32,244	25,929	25,573	331,136
<u>Large Power Transmission</u>													
Allocated CP kW	129,912	128,611	123,533	120,888	102,377	99,238	116,298	106,570	120,559	118,247	120,959	115,222	1,402,413
<u>Large Power Transmission CBM</u>													
Allocated CP kW	7,216	7,443	7,436	9,678	7,183	7,051	5,995	6,354	6,046	6,588	6,396	6,437	83,823
<u>Large Power Transmission-Other</u>													
Allocated CP kW	711	1,622	821	449	364	1,388	2,795	441	1,256	672	768	1,234	12,522

POWDER RIVER ENERGY CORPORATION

DEVELOPMENT OF MONTHLY CLASS DEMAND ALLOCATION

	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>Total</u>
Hours in Month	744	720	744	720	744	744	672	744	720	744	720	744	8,760
<u>Security Lighting</u>													
kWh Sold	177,719	177,021	177,235	177,185	178,128	176,509	177,172	176,062	175,749	204,754	175,265	180,641	2,153,440
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
kWh Purchased	191,201	190,450	190,680	190,627	191,641	189,899	190,613	189,418	189,082	220,287	188,561	194,345	2,316,805
Load Factor	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%
Coincidence Factor	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%
Allocated kW	571	588	570	0	0	0	0	0	0	0	582	580	2,891
<u>Street Lighting</u>													
kWh Sold	74,768	75,034	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	75,378	903,582
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
kWh Purchased	80,440	80,726	81,096	81,096	81,096	81,096	81,096	81,096	81,096	81,096	81,096	81,096	972,130
Load Factor	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%	45.00%
Coincidence Factor	100.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	100.00%	100.00%
Allocated kW	240	249	242	0	0	0	0	0	0	0	250	242	1,223
<u>Residential Time of Day</u>													
On Peak kWh	388,134	403,509	306,205	229,029	156,313	130,587	118,896	136,806	142,428	170,237	264,288	356,230	2,802,662
Summer kWh	0												0
Load Factor	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%
Calculated kW	802.59	862.20	633.18	489.38	323.23	270.03	272.20	282.89	304.33	352.02	564.72	736.62	5,893
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
Coincidence Factor	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
Allocated kW	604	649	477	369	243	203	205	213	229	265	425	555	4,437
<u>Black Hills</u>													
kWh Sold	86,205	86,205	86,205	86,205	86,205	86,205	86,205	86,205	86,205	86,205	86,205	86,205	1,034,460
Load Factor	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%
Calculated kW	178.26	184.20	178.26	184.20	178.26	178.26	197.36	178.26	184.20	178.26	184.20	178.26	2,182
Losses	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%	7.05131%
Coincidence Factor	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
Allocated kW	134	139	134	139	134	134	149	134	139	134	139	134	1,643

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
TRANSMISSION PLANT							
350 Land and Rights	1,931,212	2	226,702	108,861	488,017	3,664	2,433
350 Direct	21,040	23	0	0	0	0	0
Subtotal	<hr/>		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Acct 350	1,952,252	101*	226,702 11.612 %	108,861 5.576 %	488,017 24.998 %	3,664 0.188 %	2,433 0.125 %
351 Clearing	10,910	2	1,281	615	2,757	21	14
352 Structures	16,265	2	1,909	917	4,110	31	20
352 Direct	23,752	23	0	0	0	0	0
Subtotal	<hr/>		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Acct 352	40,017	102*	1,909 4.770 %	917 2.292 %	4,110 10.271 %	31 0.077 %	20 0.050 %
353 Station Equip	37,016,063	1	4,345,252	2,086,570	9,353,955	70,236	46,635
353 Direct LPT	5,140,846	22	0	0	0	0	0
353 Direct LPT CBM	633,996	24	0	0	0	0	0
353 CIAC LPT CBM	19,315	24	0	0	0	0	0
353 CIAC Remain	1,889,964	1	221,860	106,536	477,594	3,586	2,381
Subtotal	<hr/>		<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Acct 353	44,700,184	103*	4,567,112 10.217 %	2,193,106 4.906 %	9,831,549 21.994 %	73,823 0.165 %	49,017 0.110 %
355 Poles/Fixtures	11,309,959	2	1,327,657	637,535	2,858,025	21,460	14,249
355 Direct LPT	2,896,981	23	0	0	0	0	0
355 Direct LPT CBM	861,603	24	0	0	0	0	0
355 Direct LP	24,511	25	0	0	24,511	0	0
355 CIAC LPT	751,562	23	0	0	0	0	0
355 CIAC LP	451,667	25	0	0	451,667	0	0
355 CIAC LPT CBM	1,661,595	24	0	0	0	0	0

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>AII CBM</u>	<u>LPT</u>	<u>LPT-General</u>
TRANSMISSION PLANT								
350 Land and Rights	1,931,212	2	19,309	195,839	49,574	264,721	829,408	7,406
350 Direct	21,040	23	0	0	0	0	21,040	0
Subtotal								
Acct 350	1,952,252	101*	19,309 0.989%	195,839 10.031%	49,574 2.539%	264,721 13.560%	850,448 43.562%	7,406 0.379%
351 Clearing	10,910	2	109	1,106	280	1,495	4,686	42
352 Stuctures	16,265	2	163	1,649	418	2,230	6,985	62
352 Direct	23,752	23	0	0	0	0	23,752	0
Subtotal								
Acct 352	40,017	102*	163 0.407%	1,649 4.121%	418 1.045%	2,230 5.573%	30,737 76.810%	62 0.155%
353 Station Equip	37,016,063	1	370,091	3,753,693	950,201	5,073,986	15,897,481	141,947
353 Direct LPT	5,140,846	22	0	0	0	0	5,140,846	0
353 Direct LPT CBM	633,996	24	0	0	633,996	633,996	0	0
353 CIAC LPT CBM	19,315	24	0	0	19,315	19,315	0	0
353 CIAC Remain	1,889,964	1	18,896	191,656	48,515	259,067	811,693	7,248
Subtotal								
Acct 353	44,700,184	103*	388,988 0.870%	3,945,349 8.826%	1,652,028 3.696%	5,986,364 13.392%	21,850,020 48.881%	149,194 0.334%
355 Poles/Fixtures	11,309,959	2	113,078	1,146,911	290,326	1,550,315	4,857,347	43,371
355 Direct LPT	2,896,981	23	0	0	0	0	2,896,981	0
355 Direct LPT CBM	861,603	24	0	0	861,603	861,603	0	0
355 Direct LP	24,511	25	0	0	0	0	0	0
355 CIAC LPT	751,562	23	0	0	0	0	751,562	0
355 CIAC LP	451,667	25	0	0	0	0	0	0
355 CIAC LPT CBM	1,661,595	24	0	0	1,661,595	1,661,595	0	0

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
355 CIAC Remainder	7,744,104	2	909,067	436,530	1,956,934	14,694	9,757
356 OH Conductor	10,968,802	2	1,287,609	618,304	2,771,815	20,813	13,819
356 Direct LPT	4,065,726	23	0	0	0	0	0
356 Direct LPT CBM	504,693	24	0	0	0	0	0
356 Direct LP	76,000	25	0	0	76,000	0	0
356 CIAC LPT	487,911	23	0	0	0	0	0
356 CIAC LP	224,623	25	0	0	224,623	0	0
356 CIAC LPT CBM	939,095	24	0	0	0	0	0
356 CIAC Remain	5,005,323	2	587,566	282,147	1,264,845	9,497	6,306
Subtotal							
Accts 355/356	47,974,155	105*	4,111,899	1,974,515	9,628,420	66,465	44,131
			8.571 %	4.116 %	20.070 %	0.139 %	0.092 %
359 Roads/Trails	1,844	2	216	104	466	3	2
Total							
TRANSMISSION	94,679,362	106*	8,909,118	4,278,118	19,955,319	144,007	95,617
			9.410 %	4.519 %	21.077 %	0.152 %	0.101 %
DISTRIBUTION							
360 Land and Rights	4,971,066	3	1,078,601	517,939	2,321,887	17,435	11,576
360 Direct LPT	2,173	27	0	0	0	0	0
Subtotal							
Acct 360	4,973,239	107*	1,078,601	517,939	2,321,887	17,435	11,576
			21.688 %	10.415 %	46.688 %	0.351 %	0.233 %
361 Structures	5,782	3	1,255	602	2,701	20	13
361 Direct LPT	279,207	27	0	0	0	0	0
Subtotal							
Acct 361	284,989	108*	1,255	602	2,701	20	13
			0.440 %	0.211 %	0.948 %	0.007 %	0.005 %
362 Sta Equip Remain	29,205,682	3	6,336,927	3,042,964	13,641,402	102,430	68,011
362 Direct LPT	1,818,164	27	0	0	0	0	0

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
355 CIAC Remainder	7,744,104	2	77,427	785,307	198,791	1,061,525	3,325,901	29,697
356 OH Conductor	10,968,802	2	109,668	1,112,315	281,569	1,503,551	4,710,828	42,063
356 Direct LPT	4,065,726	23	0	0	0	0	4,065,726	0
356 Direct LPT CBM	504,693	24	0	0	504,693	504,693	0	0
356 Direct LP	76,000	25	0	0	0	0	0	0
356 CIAC LPT	487,911	23	0	0	0	0	487,911	0
356 CIAC LP	224,623	25	0	0	0	0	0	0
356 CIAC LPT CBM	939,095	24	0	0	939,095	939,095	0	0
356 CIAC Remain	5,005,323	2	50,044	507,575	128,486	686,106	2,149,662	19,194
Subtotal								
Accts 355/356	47,974,155	105*	350,216	3,552,108	4,866,159	8,768,483	23,245,918	134,324
			0.730 %	7.404 %	10.143 %	18.278 %	48.455 %	0.280 %
359 Roads/Trails	1,844	2	18	187	47	253	792	7
Total								
TRANSMISSION	94,679,362	106*	758,803	7,696,239	6,568,505	15,023,546	45,982,600	291,035
			0.801 %	8.129 %	6.938 %	15.868 %	48.567 %	0.307 %
DISTRIBUTION								
360 Land and Rights	4,971,066	3	91,866	931,761	0	1,023,627	0	0
360 Direct LPT	2,173	27	0	0	0	0	2,173	0
Subtotal								
Acct 360	4,973,239	107*	91,866	931,761	0	1,023,627	2,173	0
			1.847 %	18.735 %	0.000 %	20.583 %	0.044 %	0.000 %
361 Structures	5,782	3	107	1,084	0	1,191	0	0
361 Direct LPT	279,207	27	0	0	0	0	279,207	0
Subtotal								
Acct 361	284,989	108*	107	1,084	0	1,191	279,207	0
			0.038 %	0.380 %	0.000 %	0.418 %	97.971 %	0.000 %
362 Sta Equip Remain	29,205,682	3	539,725	5,474,223	0	6,013,948	0	0
362 Direct LPT	1,818,164	27	0	0	0	0	1,818,164	0

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
362 CIAC LP	1,073,564	26	0	0	1,073,564	0	0
362 CIAC Remain	3,818,050	3	828,425	397,806	1,783,336	13,391	8,891
Subtotal							
Acct 362	35,915,460	109*	7,165,351 19.951 %	3,440,769 9.580 %	16,498,302 45.936 %	115,821 0.322 %	76,902 0.214 %
364/5 1-Phase	30,186,751	12	25,922,778	3,749,283	0	344,521	39,055
364/5 3-Phase Ext	16,573,304	13	0	7,836,750	4,518,244	0	0
364/5 3-Phase Bkbn	89,478,276	4	19,414,622	9,322,814	41,793,549	313,818	208,368
Subtotal							
Acct 364/5	136,238,331	110*	45,337,401 33.278 %	20,908,848 15.347 %	46,311,793 33.993 %	658,339 0.483 %	247,423 0.182 %
366/7 UG Conduit	19,370,255	5	4,202,877	2,018,203	9,047,466	67,935	45,108
Subtotal							
Acct 366/7	19,370,255	111*	4,202,877 21.698 %	2,018,203 10.419 %	9,047,466 46.708 %	67,935 0.351 %	45,108 0.233 %
368 Regs and Caps	8,900,179	4	1,931,124	927,317	4,157,099	31,215	20,726
368 Transformers	47,995,920	14	21,658,867	10,284,416	7,019,019	842,002	0
Subtotal							
Acct 368	56,896,099	112*	23,589,990 41.462 %	11,211,733 19.706 %	11,176,118 19.643 %	873,216 1.535 %	20,726 0.036 %
369 Services	3,389,628	15	2,035,836	837,588	473,321	39,975	2,907
Subtotal							
Acct 369	3,389,628	113*	2,035,836 60.061 %	837,588 24.710 %	473,321 13.964 %	39,975 1.179 %	2,907 0.086 %
370 Mtr 1 Phase	5,381,392	16	4,197,831	1,016,437	0	93,400	0
370 Mtr 3 Phase	11,163,669	17	0	3,688,324	4,172,653	0	0
370 Mtr Turtle	3,652,646	18	2,515,136	777,605	159,040	33,568	3,790

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
362 CIAC LP	1,073,564	26	0	0	0	0	0	0
362 CIAC Remain	3,818,050	3	70,558	715,644	0	786,202	0	0
Subtotal								
Acct 362	35,915,460	109*	610,284 1.699 %	6,189,867 17.235 %	0 0.000 %	6,800,150 18.934 %	1,818,164 5.062 %	0 0.000 %
364/5 1-Phase	30,186,751	12	131,113	0	0	131,113	0	0
364/5 3-Phase Ext	16,573,304	13	1,945,729	2,272,581	0	4,218,310	0	0
364/5 3-Phase Bkbn	89,478,276	4	1,653,572	16,771,532	0	18,425,104	0	0
Subtotal								
Acct 364/5	136,238,331	110*	3,730,414 2.738 %	19,044,113 13.979 %	0 0.000 %	22,774,527 16.717 %	0 0.000 %	0 0.000 %
366/7 UG Conduit	19,370,255	5	357,965	3,630,701	0	3,988,666	0	0
Subtotal								
Acct 366/7	19,370,255	111*	357,965 1.848 %	3,630,701 18.744 %	0 0.000 %	3,988,666 20.592 %	0 0.000 %	0 0.000 %
368 Regs and Caps	8,900,179	4	164,477	1,668,222	0	1,832,699	0	0
368 Transformers	47,995,920	14	1,744,681	6,446,935	0	8,191,617	0	0
Subtotal								
Acct 368	56,896,099	112*	1,909,158 3.356 %	8,115,157 14.263 %	0 0.000 %	10,024,316 17.619 %	0 0.000 %	0 0.000 %
369 Services	3,389,628	15	0	0	0	0	0	0
Subtotal								
Acct 369	3,389,628	113*	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %
370 Mtr 1 Phase	5,381,392	16	73,723	0	0	73,723	0	0
370 Mtr 3 Phase	11,163,669	17	872,140	1,940,210	153,232	2,965,581	306,464	30,646
370 Mtr Turtle	3,652,646	18	81,212	82,295	0	163,507	0	0

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Subtotal							
Account 370	20,197,707	114*	6,712,968 33.236 %	5,482,367 27.144 %	4,331,693 21.446 %	126,968 0.629 %	3,790 0.019 %
371 Install on Cons	52,181	29	0	0	0	0	52,181
373 Street Lighting	133,902	28	0	0	0	0	133,902
Subtotal							
Acct 373	186,083	115*	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	186,083 100.000 %
Total							
DISTRIBUTION	277,451,791	116*	90,124,279 32.483 %	44,418,049 16.009 %	90,163,281 32.497 %	1,899,710 0.685 %	594,529 0.214 %
SUBTOTAL							
PLANT WITH CIAC	372,131,153	117*	99,033,397 26.612 %	48,696,167 13.086 %	110,118,600 29.591 %	2,043,716 0.549 %	690,146 0.185 %
GENERAL							
301 Organization	301,168	168	96,264	46,011	92,634	1,622	1,823
303 Intangible Plant	368,247	168	117,705	56,260	113,266	1,983	2,228
102 Plant Purch/Sold	-80,062	168	-25,591	-12,232	-24,626	-431	-485
114 Elect Plant Acq	39,538	168	12,638	6,040	12,161	213	239
397 Comm	7,435,002	35	872,782	419,106	1,878,824	14,108	9,367
General Plant	30,564,585	168	9,769,501	4,669,557	9,401,107	164,582	184,965
Total							
GENERAL	38,628,478	118*	10,843,299 28.071 %	5,184,743 13.422 %	11,473,366 29.702 %	182,076 0.471 %	198,137 0.513 %
Total							
PLANT WITH CIAC	410,759,631	119*	109,876,696 26.750 %	53,880,910 13.117 %	121,591,967 29.602 %	2,225,793 0.542 %	888,283 0.216 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT WITH CIAC**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Subtotal								
Account 370	20,197,707	114*	1,027,075 5.085 %	2,022,504 10.014 %	153,232 0.759 %	3,202,811 15.857 %	306,464 1.517 %	30,646 0.152 %
371 Install on Cons	52,181	29	0	0	0	0	0	0
373 Street Lighting	133,902	28	0	0	0	0	0	0
Subtotal								
Acct 373	186,083	115*	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %
Total								
DISTRIBUTION	277,451,791	116*	7,726,869 2.785 %	39,935,188 14.394 %	153,232 0.055 %	47,815,289 17.234 %	2,406,008 0.867 %	30,646 0.011 %
SUBTOTAL								
PLANT WITH CIAC	372,131,153	117*	8,485,672 2.280 %	47,631,426 12.800 %	6,721,737 1.806 %	62,838,835 16.886 %	48,388,608 13.003 %	321,682 0.086 %
GENERAL								
301 Organization	301,168	168	13,174	40,330	1,111	54,615	8,094	105
303 Intangible Plant	368,247	168	16,108	49,313	1,359	66,780	9,897	128
102 Plant Purch/Sold	-80,062	168	-3,502	-10,721	-295	-14,519	-2,152	-28
114 Elect Plant Acq	39,538	168	1,729	5,295	146	7,170	1,063	14
397 Comm	7,435,002	35	74,336	753,962	190,856	1,019,155	3,193,149	28,511
General Plant	30,564,585	168	1,336,964	4,093,012	112,778	5,542,753	821,475	10,645
Total								
GENERAL	38,628,478	118*	1,438,809 3.725 %	4,931,192 12.766 %	305,954 0.792 %	6,675,955 17.282 %	4,031,526 10.437 %	39,376 0.102 %
Total								
PLANT WITH CIAC	410,759,631	119*	9,924,480 2.416 %	52,562,618 12.796 %	7,027,692 1.711 %	69,514,790 16.923 %	52,420,134 12.762 %	361,057 0.088 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
TRANSMISSION PLANT							
350 Land and Rights	1,931,212	2	226,702	108,861	488,017	3,664	2,433
350 Direct	21,040	23	0	0	0	0	0
Subtotal							
Acct 350	1,952,252	120*	226,702 11.612 %	108,861 5.576 %	488,017 24.998 %	3,664 0.188 %	2,433 0.125 %
351 Clearing	10,910	2	1,281	615	2,757	21	14
352 Structures	16,265	2	1,909	917	4,110	31	20
352 Direct	23,752	23	0	0	0	0	0
Subtotal							
Acct 352	40,017	121*	1,909 4.770 %	917 2.292 %	4,110 10.271 %	31 0.077 %	20 0.050 %
353 Station Equipmnt	37,016,064	1	4,345,252	2,086,570	9,353,955	70,237	46,635
353 Direct LPT	5,140,846	22	0	0	0	0	0
353 Direct LPT-CBM	633,996	24	0	0	0	0	0
Subtotal							
Acct 353	42,790,906	122*	4,345,252 10.155 %	2,086,570 4.876 %	9,353,955 21.860 %	70,237 0.164 %	46,635 0.109 %
355 Poles/Fixtures	11,309,959	2	1,327,657	637,535	2,858,025	21,460	14,249
355 Direct LPT	2,896,981	23	0	0	0	0	0
355 Direct LPT CBM	861,603	24	0	0	0	0	0
355 Direct LP	24,511	25	0	0	24,511	0	0
356 OH Conductor	10,968,802	2	1,287,609	618,304	2,771,815	20,813	13,819
356 Direct LPT	4,065,726	23	0	0	0	0	0
356 Direct LPT CBM	504,693	24	0	0	0	0	0
356 Direct LP	76,000	25	0	0	76,000	0	0
Subtotal							
Acctd 355/356	30,708,275	124*	2,615,265 8.516 %	1,255,839 4.090 %	5,730,351 18.661 %	42,273 0.138 %	28,068 0.091 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
TRANSMISSION PLANT								
350 Land and Rights	1,931,212	2	19,309	195,839	49,574	264,721	829,408	7,406
350 Direct	21,040	23	0	0	0	0	21,040	0
Subtotal								
Acct 350	1,952,252	120*	19,309 0.989 %	195,839 10.031 %	49,574 2.539 %	264,721 13.560 %	850,448 43.562 %	7,406 0.379 %
351 Clearing	10,910	2	109	1,106	280	1,495	4,686	42
352 Structures	16,265	2	163	1,649	418	2,230	6,985	62
352 Direct	23,752	23	0	0	0	0	23,752	0
Subtotal								
Acct 352	40,017	121*	163 0.407 %	1,649 4.121 %	418 1.045 %	2,230 5.573 %	30,737 76.810 %	62 0.155 %
353 Station Equipmnt	37,016,064	1	370,091	3,753,693	950,201	5,073,986	15,897,481	141,947
353 Direct LPT	5,140,846	22	0	0	0	0	5,140,846	0
353 Direct LPT-CBM	633,996	24	0	0	633,996	633,996	0	0
Subtotal								
Acct 353	42,790,906	122*	370,091 0.865 %	3,753,693 8.772 %	1,584,197 3.702 %	5,707,982 13.339 %	21,038,327 49.165 %	141,947 0.332 %
355 Poles/Fixtures	11,309,959	2	113,078	1,146,911	290,326	1,550,315	4,857,347	43,371
355 Direct LPT	2,896,981	23	0	0	0	0	2,896,981	0
355 Direct LPT CBM	861,603	24	0	0	861,603	861,603	0	0
355 Direct LP	24,511	25	0	0	0	0	0	0
356 OH Conductor	10,968,802	2	109,668	1,112,315	281,569	1,503,551	4,710,828	42,063
356 Direct LPT	4,065,726	23	0	0	0	0	4,065,726	0
356 Direct LPT CBM	504,693	24	0	0	504,693	504,693	0	0
356 Direct LP	76,000	25	0	0	0	0	0	0
Subtotal								
Acctd 355/356	30,708,275	124*	222,746 0.725 %	2,259,225 7.357 %	1,938,191 6.312 %	4,420,163 14.394 %	16,530,882 53.832 %	85,433 0.278 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
359 Roads/Trails	1,844	2	216	104	466	3	2
Subtotal							
TRANSMISSION	75,504,204	125*	7,190,626	3,452,906	15,579,657	116,229	77,173
			9.523 %	4.573 %	20.634 %	0.154 %	0.102 %
Total							
TRANSMISSION	75,504,204	127*	7,190,626	3,452,906	15,579,657	116,229	77,173
			9.523 %	4.573 %	20.634 %	0.154 %	0.102 %
DISTRIBUTION PLANT							
360 Land and Rights	4,971,066	3	1,078,601	517,939	2,321,887	17,435	11,576
360 Direct LPT	2,173	27	0	0	0	0	0
Subtotal							
Account 360	4,973,239	128*	1,078,601	517,939	2,321,887	17,435	11,576
			21.688 %	10.415 %	46.688 %	0.351 %	0.233 %
361 Structures	5,782	3	1,255	602	2,701	20	13
361 Direct LPT	279,207	27	0	0	0	0	0
Subtotal							
Acct 361	284,989	129*	1,255	602	2,701	20	13
			0.440 %	0.211 %	0.948 %	0.007 %	0.005 %
362 Sta Equip	29,205,682	3	6,336,927	3,042,964	13,641,402	102,430	68,011
362 Direct LPT	1,818,164	27	0	0	0	0	0
Subtotal							
Account 362	31,023,846	130*	6,336,927	3,042,964	13,641,402	102,430	68,011
			20.426 %	9.808 %	43.971 %	0.330 %	0.219 %
364/5 1-Phase	30,186,751	12	25,922,778	3,749,283	0	344,521	39,055
364/5 3-Phase Ext	16,573,304	13	0	7,836,750	4,518,244	0	0
364/5 3-Phase Bkbn	89,478,276	4	19,414,622	9,322,814	41,793,549	313,818	208,368
Subtotal							
Account 364/5	136,238,331	131*	45,337,401	20,908,848	46,311,793	658,339	247,423
			33.278 %	15.347 %	33.993 %	0.483 %	0.182 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
359 Roads/Trails	1,844	2	18	187	47	253	792	7
Subtotal								
TRANSMISSION	75,504,204	125*	612,436 0.811 %	6,211,700 8.227 %	3,572,707 4.732 %	10,396,844 13.770 %	38,455,872 50.932 %	234,897 0.311 %
Total								
TRANSMISSION	75,504,204	127*	612,436 0.811 %	6,211,700 8.227 %	3,572,707 4.732 %	10,396,844 13.770 %	38,455,872 50.932 %	234,897 0.311 %
DISTRIBUTION PLANT								
360 Land and Rights	4,971,066	3	91,866	931,761	0	1,023,627	0	0
360 Direct LPT	2,173	27	0	0	0	0	2,173	0
Subtotal								
Account 360	4,973,239	128*	91,866 1.847 %	931,761 18.735 %	0 0.000 %	1,023,627 20.583 %	2,173 0.044 %	0 0.000 %
361 Structures	5,782	3	107	1,084	0	1,191	0	0
361 Direct LPT	279,207	27	0	0	0	0	279,207	0
Subtotal								
Acct 361	284,989	129*	107 0.038 %	1,084 0.380 %	0 0.000 %	1,191 0.418 %	279,207 97.971 %	0 0.000 %
362 Sta Equip	29,205,682	3	539,725	5,474,223	0	6,013,948	0	0
362 Direct LPT	1,818,164	27	0	0	0	0	1,818,164	0
Subtotal								
Account 362	31,023,846	130*	539,725 1.740 %	5,474,223 17.645 %	0 0.000 %	6,013,948 19.385 %	1,818,164 5.861 %	0 0.000 %
364/5 1-Phase	30,186,751	12	131,113	0	0	131,113	0	0
364/5 3-Phase Ext	16,573,304	13	1,945,729	2,272,581	0	4,218,310	0	0
364/5 3-Phase Bkbn	89,478,276	4	1,653,572	16,771,532	0	18,425,104	0	0
Subtotal								
Account 364/5	136,238,331	131*	3,730,414 2.738 %	19,044,113 13.979 %	0 0.000 %	22,774,527 16.717 %	0 0.000 %	0 0.000 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
366/7 UG Conduit	19,370,255	5	4,202,877	2,018,203	9,047,466	67,935	45,108
Subtotal							
Acct 366/367	19,370,255	132*	4,202,877 21.698 %	2,018,203 10.419 %	9,047,466 46.708 %	67,935 0.351 %	45,108 0.233 %
368 Regs and Caps	8,900,179	4	1,931,124	927,317	4,157,099	31,215	20,726
368 Transformers	47,995,920	14	21,658,867	10,284,416	7,019,019	842,002	0
Subtotal							
Account 368	56,896,099	133*	23,589,990 41.462 %	11,211,733 19.706 %	11,176,118 19.643 %	873,216 1.535 %	20,726 0.036 %
369 Services	3,389,628	15	2,035,836	837,588	473,321	39,975	2,907
Subtotal							
Account 369	3,389,628	134*	2,035,836 60.061 %	837,588 24.710 %	473,321 13.964 %	39,975 1.179 %	2,907 0.086 %
370 Mtr 1-Phase	5,381,392	16	4,197,831	1,016,437	0	93,400	0
370 Mtr 3-Phase	11,163,669	17	0	3,688,324	4,172,653	0	0
370 Mtr Turtle	3,652,646	18	2,515,136	777,605	159,040	33,568	3,790
Subtotal							
Account 370	20,197,707	135*	6,712,968 33.236 %	5,482,367 27.144 %	4,331,693 21.446 %	126,968 0.629 %	3,790 0.019 %
371 Install on Cons	52,181	29	0	0	0	0	52,181
373 Street Lighting	133,902	28	0	0	0	0	133,902
Subtotal							
DISTRIBUTION PLANT	272,560,177	136*	89,295,854 32.762 %	44,020,243 16.151 %	87,306,381 32.032 %	1,886,319 0.692 %	585,638 0.215 %
Total							
DISTRIBUTION PLANT	272,560,177	139*	89,295,854 32.762 %	44,020,243 16.151 %	87,306,381 32.032 %	1,886,319 0.692 %	585,638 0.215 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
366/7 UG Conduit	19,370,255	5	357,965	3,630,701	0	3,988,666	0	0
Subtotal								
Acct 366/367	19,370,255	132*	357,965 1.848 %	3,630,701 18.744 %	0 0.000 %	3,988,666 20.592 %	0 0.000 %	0 0.000 %
368 Regs and Caps	8,900,179	4	164,477	1,668,222	0	1,832,699	0	0
368 Transformers	47,995,920	14	1,744,681	6,446,935	0	8,191,617	0	0
Subtotal								
Account 368	56,896,099	133*	1,909,158 3.356 %	8,115,157 14.263 %	0 0.000 %	10,024,316 17.619 %	0 0.000 %	0 0.000 %
369 Services	3,389,628	15	0	0	0	0	0	0
Subtotal								
Account 369	3,389,628	134*	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %
370 Mtr 1-Phase	5,381,392	16	73,723	0	0	73,723	0	0
370 Mtr 3-Phase	11,163,669	17	872,140	1,940,210	153,232	2,965,581	306,464	30,646
370 Mtr Turtle	3,652,646	18	81,212	82,295	0	163,507	0	0
Subtotal								
Account 370	20,197,707	135*	1,027,075 5.085 %	2,022,504 10.014 %	153,232 0.759 %	3,202,811 15.857 %	306,464 1.517 %	30,646 0.152 %
371 Install on Cons	52,181	29	0	0	0	0	0	0
373 Street Lighting	133,902	28	0	0	0	0	0	0
Subtotal								
DISTRIBUTION PLANT	272,560,177	136*	7,656,311 2.809 %	39,219,544 14.389 %	153,232 0.056 %	47,029,087 17.255 %	2,406,008 0.883 %	30,646 0.011 %
Total								
DISTRIBUTION PLANT	272,560,177	139*	7,656,311 2.809 %	39,219,544 14.389 %	153,232 0.056 %	47,029,087 17.255 %	2,406,008 0.883 %	30,646 0.011 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
GENERAL PLANT							
301 Organization	120	168	38	18	37	1	1
303 Intangible	368,247	168	117,705	56,260	113,266	1,983	2,228
101 Capital Lease	44,316	168	14,165	6,770	13,631	239	268
102 Plant Purch/Sold	-80,062	168	-25,591	-12,232	-24,626	-431	-485
114 Elec Plant Acq	39,538	168	12,638	6,040	12,161	213	239
397 Comm Equip.	7,435,002	35	872,782	419,106	1,878,824	14,108	9,367
General Plant	30,564,585	168	9,769,501	4,669,557	9,401,107	164,582	184,965
Total	38,371,746	140*	10,761,238	5,145,520	11,394,400	180,694	196,584
GENERAL PLANT	38,371,746	140*	28.045 %	13.410 %	29.695 %	0.471 %	0.512 %
Total	386,436,127	141*	107,247,718	52,618,669	114,280,438	2,183,242	859,395
PLANT	386,436,127	141*	27.753 %	13.616 %	29.573 %	0.565 %	0.222 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PLANT

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
GENERAL PLANT								
301 Organization	120	168	5	16	0	22	3	0
303 Intangible	368,247	168	16,108	49,313	1,359	66,780	9,897	128
101 Capital Lease	44,316	168	1,938	5,935	164	8,037	1,191	15
102 Plant Purch/Sold	-80,062	168	-3,502	-10,721	-295	-14,519	-2,152	-28
114 Elec Plant Acq	39,538	168	1,729	5,295	146	7,170	1,063	14
397 Comm Equip.	7,435,002	35	74,336	753,962	190,856	1,019,155	3,193,149	28,511
General Plant	30,564,585	168	1,336,964	4,093,012	112,778	5,542,753	821,475	10,645
Total	38,371,746	140*	1,427,579	4,896,812	305,007	6,629,398	4,024,626	39,286
			3.720 %	12.762 %	0.795 %	17.277 %	10.489 %	0.102 %
Total	386,436,127	141*	9,696,326	50,328,056	4,030,947	64,055,328	44,886,506	304,830
PLANT			2.509 %	13.024 %	1.043 %	16.576 %	11.616 %	0.079 %

POWDER RIVER ENERGY CORPORATION

SUMMARY OF DIRECT ASSIGNMENTS

LPT Class	Constr. Trans.		Acct					Total	Acct					Total	
	Date	Miles	350	352	353	355	356	Transmission	360	361	362	364/5	366/7	368/9	Distribution
Hilight-BT/Jacobs Ranch 69 kV	1975	16.69			42,255	242,924	357,839	643,019							
Eagle Butte 69 kV	1976	3.12			21,514	72,281	69,337	163,132							
Rawhide 69 kV	1976	10.78			42,252	182,037	248,289	472,578							
Belle Ayre Mine 69 kV	1976	1.11		23,752	22,125	16,126		62,003							
Cordero	1976	5.55			20,483	91,682	104,236	216,401							
Carter-Caballo Mine	1978				26,500			26,500							
Buckskin Mine 69 kV	1980	4.51				117,317	110,237	227,553							
Coal Creek Mine 69 kV	1981	6.70				174,179	163,668	337,847							
ROJO Caballo Mine 69 kV	1981	3.51				96,745	93,984	190,729							
Teckla-No Antelope 69 kV	1982	6.06			36,436	165,859	218,087	420,383							
Teckla-BT/Jacobs Ranch 69 kV	1985	10.57	21,040			236,026	382,695	639,761							
Dry Fork Coal Mine 69 kV	1990	1.32			23,240	67,979	72,014	163,233							
Black Thunder Double Circuit	2000	0.90				161,775	170,917	332,692							
Reno Transformer #2	2000				1,430,290			1,430,290							
230 kV Line Reroute	2000	0.90				390,267	647,598	1,037,865							
Black Thunder 69kV URD Replac	2002	0.06				9,375	143,685	153,061							
Plant acquired -MT mines	2003				146,039	718,171	1,151,478	2,015,688	2,173	279,207	1,818,164				2,099,544
Teckla Relay Upgrade	2004				67,410			67,410							
Teckla Transformer Addition	2005				3,262,301			3,262,301							
Antelope Mine 69 kV Reroute	2007					8,895	3,801	12,696							
Teckla Sub 69 kV Route	2008					117,310	117,953	235,263							
Peabody W. Roundup 69 kV	2008					28,034	9,907	37,942							
Total		72	21,040	23,752	5,140,846	2,896,981	4,065,726	12,148,345	2,173	279,207	1,818,164	0	0	0	2,099,544
LPT CBM															
Barber Creek Substation					633,996			633,996							
Indian Creek 69 kV Line						861,603	504,693	1,366,296							
Total					633,996	861,603	504,693	2,000,292	0	0	0	0	0	0	0
LP															
Middle Butte 69kV Trans Line	2013					24,511	76,000	100,511							0
Total					0	24,511	76,000	100,511	0	0	0	0	0	0	0
Total Direct			21,040	23,752	9,475,603	6,829,757	6,380,207	22,730,359	121,188	279,207	9,242,792	36,430,854	1,291,255	3,394,996	50,760,292

POWDER RIVER ENERGY CORPORATION
SUMMARY OF CONTRIBUTIONS IN AID OF CONSTRUCTION

	<u>Total CIAC</u>	<u>LPT</u>	<u>LPT-CBM</u>	<u>LP</u>	<u>Remainder CIAC</u>
TOTAL CIAC					
353 Station Equipment	1,909,279.21	0.00	19,315.18	0.00	1,889,964.03
355 Transmission - Poles & Fixtures	10,608,928.22	751,562.00	1,661,595.33	451,667.10	7,744,103.79
356 Transmission - OH Conductors	6,656,952.41	487,911.00	939,095.16	224,623.48	5,005,322.77
362 Substation	4,892,111.30	0.00	0.00	1,073,564.00	3,818,547.30
364 Poles and Fixtures	49,345,050.47	0.00	0.00	0.00	49,345,050.47
365 Conductors and Devices	55,154,176.01	0.00	0.00	0.00	55,154,176.01
366 Underground Conduit	637,187.05	0.00	0.00	0.00	637,187.05
367 Underground Conductor	15,119,937.00	0.00	0.00	0.00	15,119,937.00
368 Transformers	10,554,593.97	0.00	0.00	0.00	10,554,593.97
369 Services	1,182,619.85	0.00	0.00	0.00	1,182,619.85
370 Meters	63,264.50	0.00	0.00	0.00	63,264.50
373 Street Lighting	15,462.49	0.00	0.00	0.00	15,462.49
397 Communications Equipment	1,361,205.20	0.00	0.00	0.00	1,361,205.20
Total	157,500,767.68	1,239,473.00	2,620,005.67	1,749,854.58	151,891,434.43

POWDER RIVER ENERGY CORPORATION

SUMMARY OF ACCOUNT 364 AND 365

The total investment is:

Account 364	\$ 65,754,397
Account 365	70,483,933
Total	<u>136,238,330</u>
Less: Direct Assignments	<u>0</u>
Total	<u><u>136,238,330</u></u>

	<u>Miles of Line</u>	<u>Cost Per Mile</u>	<u>Weighting Factor</u>	<u>Weighted Miles</u>	<u>Investment</u>	<u>% of Total</u>
Single Phase	4,145.40	32,633.30	1.000	4,145.40	30,183,921	22.155%
Three Phase Extension	1,430.40	51,868.95	1.589	2,273.55	16,554,390	12.151%
Three Phase Backbone	<u>4,455.02</u>	<u>90,037.88</u>	<u>2.759</u>	<u>12,291.76</u>	<u>89,500,020</u>	<u>65.694%</u>
Total	<u><u>10,030.82</u></u>			<u><u>18,710.70</u></u>	<u><u>136,238,330</u></u>	<u><u>100.000%</u></u>

Three Phase Cons	4,768
x Miles/Cons	<u>0.30</u>
Three Phase Ext.	<u><u>1,430.40</u></u>
Total Miles of Line	10,031

POWDER RIVER ENERGY CORPORATION

SUMMARY OF ACCOUNT 368

	Consumers	Installed kVA	kVA Per Consumer	Cost Per kVA
Residential	14,110	141,100	10.00	25.00
Residential >200 Amps	714	14,280	20.00	20.00
Residential TOD	117	1,170	10.00	25.00
Residential TOD >200 Amps	15	300	20.00	20.00
Residential Heat Rate	210	2,100	10.00	25.00
Residential Heat Rate >200 Amps	64	1,280	20.00	20.00
Residential	15,230	160,230		
Seasonal	3,347	33,470	10.00	25.00
Seasonal >200 Amps	5	100	20.00	20.00
Seasonal	3,352	33,570		
Irrigation	247	12,350	50.00	15.00
General Service 1Ph	2,688	40,320	15.00	22.00
General Service 3Ph	3,057	76,425	25.00	18.00
General Service	5,745	116,745		
General Service CBM 1Ph	94	2,350	25.00	18.00
General Service CBM 3Ph	506	22,770	45.00	15.00
General Service CBM	600	25,120		
Large Power - Secondary	1,040	102,951	98.99	15.00
Large Power - Primary	135	0	0.00	0.00
Large Power	1,175	102,951		
Large Power CBM - Secondary	591	94,560	160.00	15.00
Large Power CBM - Primary	17	0	0.00	0.00
Large Power CBM	608	94,560		
Large Power Transmission	10	0	0.00	0.00
Large Power Transmission CBM	5	0	0.00	0.00
Large Power Trans - Other	1	0	0.00	0.00
Large Power Compression CBM	0	0	0.00	0.00
Idle Services	552	5,520	10.00	25.00
Black Hills Electric	2	0	0.00	0.00
Security Lighting	0	0	0.00	0.00
Street Lighting	28	0	0.00	0.00
Lighting	28	0		
Total	27,555	551,046	20.00	

Schedule J-5.0

POWDER RIVER ENERGY CORPORATION

CONSUMERS BY PHASE

	<u>Total Consumers</u>	<u>Single-Phase Consumers</u>	<u>Three-Phase Consumers</u>
Residential	14,110	14,110	0
Residential >200 Amps	714	714	0
Residential TOD	117	117	0
Residential TOD >200 Amps	15	15	0
Residential Heat Rate	210	210	0
Residential Heat Rate >200 Amps	64	64	0
Residential	15,230	15,230	0
Seasonal	3,347	3,347	0
Seasonal >200 Amps	1	1	0
Seasonal	3,348	3,348	0
Irrigation	247	247	0
General Service 1Ph	2,688	2,688	0
General Service 3Ph	3,057	0	3,057
General Service	5,745	2,688	3,057
General Service CBM 1Ph	94	94	0
General Service CBM 3Ph	506	0	506
General Service CBM	600	94	506
Large Power - Secondary	1,040	0	1,040
Large Power - Primary	135	0	135
Large Power	1,175	0	1,175
Large Power CBM - Secondary	591	0	591
Large Power CBM - Primary	17	0	0
Large Power CBM	608	0	591
Large Power Transmission	10	0	10
Large Power Transmission CBM	5	0	5
Large Power Trans - Other	1	0	1
Large Power Compression CBM	0	0	0
Idle Services	552	18	534
Black Hills Electric	2	0	2
Security Lighting	0	0	0
Street Lighting	28	28	0
Lighting	28	28	0
Total	27,551	21,653	5,881
Total Excluding CBM	26,327	21,559	4,768

Schedule J-6.0

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - REVENUES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Base Revenue	154,309,827	19	23,931,462	11,921,416	39,566,476	418,096	323,617
COPA Revenue	8,487,020	20	1,257,024	651,339	2,730,755	16,063	16,975
Subtotal	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Electric Revenue	162,796,847	142*	25,188,486	12,572,755	42,297,231	434,159	340,592
			15.472 %	7.723 %	25.982 %	0.267 %	0.209 %
451 Misc Revenue	37,658	9	25,915	8,012	1,639	346	39
454 Rent	117,634	131	39,146	18,054	39,988	568	214
456 Prepaid	64,361	9	44,291	13,694	2,801	591	67
456 Idle Services	204,401	36	47,923	24,158	27,210	713	0
456 Other Revenue	79,021	9	54,380	16,813	3,439	726	82
456 Trans Revenue	2,743,412	1	322,044	154,644	693,260	5,206	3,456
Subtotal	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Other Revenue	3,246,487	143*	533,700	235,374	768,335	8,149	3,858
			16.439 %	7.250 %	23.667 %	0.251 %	0.119 %
Total	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
REVENUES	166,043,334	144*	25,722,187	12,808,128	43,065,567	442,309	344,450
			15.491 %	7.714 %	25.936 %	0.266 %	0.207 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - REVENUES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Base Revenue	154,309,827	19	2,389,327	16,741,508	3,375,722	22,506,557	55,175,863	466,340
COPA Revenue	8,487,020	20	117,190	1,135,187	271,411	1,523,788	2,254,136	36,939
Subtotal								
Electric Revenue	162,796,847	142*	2,506,517	17,876,695	3,647,133	24,030,346	57,429,999	503,279
			1.540 %	10.981 %	2.240 %	14.761 %	35.277 %	0.309 %
451 Misc Revenue	37,658	9	837	848	7	1,692	14	1
454 Rent	117,634	131	3,221	16,444	0	19,665	0	0
456 Prepaid	64,361	9	1,430	1,449	12	2,891	24	2
456 Idle Services	204,401	36	30,761	73,637	0	104,398	0	0
456 Other Revenue	79,021	9	1,756	1,779	15	3,550	29	3
456 Trans Revenue	2,743,412	1	27,429	278,202	70,423	376,054	1,178,227	10,520
Subtotal								
Other Revenue	3,246,487	143*	65,434	372,358	70,457	508,249	1,178,294	10,527
			2.016 %	11.470 %	2.170 %	15.655 %	36.294 %	0.324 %
Total								
REVENUES	166,043,334	144*	2,571,951	18,249,054	3,717,590	24,538,594	58,608,293	513,806
			1.549 %	10.991 %	2.239 %	14.778 %	35.297 %	0.309 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
TRANSMISSION O&M							
560 Supervision	212,547	106	20,000	9,604	44,798	323	215
561 Load Dispatching	63,378	1	7,440	3,573	16,016	120	80
562 Station Expense	329,996	103	33,716	16,190	72,581	545	362
563 OH Line Expense	102,539	105	8,789	4,220	20,580	142	94
565 Trans Elec	46,831	106	4,407	2,116	9,870	71	47
566 Misc Trans	242,983	106	22,864	10,979	51,213	370	245
570 Station Maint	314,820	103	32,166	15,446	69,243	520	345
571 Line Maint	230,455	105	19,752	9,485	46,252	319	212
Total	<hr/>						
TRANSMISSION O&M	1,543,549	145*	149,134	71,614	330,552	2,411	1,601
			9.662 %	4.640 %	21.415 %	0.156 %	0.104 %
DISTR. OPERATION							
580 Supervision	958,367	116	311,305	153,428	311,440	6,562	2,054
582 Station Exp	221,793	109	44,249	21,248	101,884	715	475
583 OH Line Exp	1,104,497	110	367,555	169,510	375,454	5,337	2,006
584 UG Line Exp	272,609	111	59,150	28,403	127,330	956	635
585 Street Lighting	12,199	28	0	0	0	0	12,199
586 Meter Exp	1,157,451	114	384,694	314,173	248,232	7,276	217
587 Customer Install	34,900	29	0	0	0	0	34,900
588 Miscellaneous	2,981,383	116	968,438	477,298	968,858	20,414	6,389
589 Rents	47,747	116	15,510	7,644	15,516	327	102
Total	<hr/>						
DISTR. OPERATION	6,790,946	146*	2,150,900	1,171,704	2,148,714	41,587	58,976
			31.673 %	17.254 %	31.641 %	0.612 %	0.868 %
DISTR. MAINTENANCE							
590 Supervision	42,028	116	13,652	6,728	13,658	288	90
592 Station Equip	658,459	109	131,367	63,082	302,473	2,123	1,410
593 OH Line Maint	3,403,955	110	1,132,768	522,414	1,157,114	16,449	6,182
594 UG Line Maint	132,469	111	28,743	13,802	61,874	465	308
595 Transfrmr Maint	20,030	112	8,305	3,947	3,934	307	7

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
TRANSMISSION O&M								
560 Supervision	212,547	106	1,703	17,277	14,746	33,727	103,227	653
561 Load Dispatching	63,378	1	634	6,427	1,627	8,688	27,219	243
562 Station Expense	329,996	103	2,872	29,126	12,196	44,194	161,306	1,101
563 OH Line Expense	102,539	105	749	7,592	10,401	18,742	49,685	287
565 Trans Elec	46,831	106	375	3,807	3,249	7,431	22,744	144
566 Misc Trans	242,983	106	1,947	19,751	16,857	38,556	118,009	747
570 Station Maint	314,820	103	2,740	27,787	11,635	42,162	153,888	1,051
571 Line Maint	230,455	105	1,682	17,063	23,376	42,121	111,667	645
Total								
TRANSMISSION O&M	1,543,549	145*	12,702	128,831	94,087	235,620	747,746	4,872
			0.823 %	8.346 %	6.095 %	15.265 %	48.443 %	0.316 %
DISTR. OPERATION								
580 Supervision	958,367	116	26,690	137,943	529	165,162	8,311	106
582 Station Exp	221,793	109	3,769	38,225	0	41,994	11,228	0
583 OH Line Exp	1,104,497	110	30,243	154,392	0	184,635	0	0
584 UG Line Exp	272,609	111	5,038	51,097	0	56,135	0	0
585 Street Lighting	12,199	28	0	0	0	0	0	0
586 Meter Exp	1,157,451	114	58,858	115,902	8,781	183,541	17,562	1,756
587 Customer Install	34,900	29	0	0	0	0	0	0
588 Miscellaneous	2,981,383	116	83,030	429,127	1,647	513,803	25,854	329
589 Rents	47,747	116	1,330	6,872	26	8,229	414	5
Total								
DISTR. OPERATION	6,790,946	146*	208,956	933,559	10,983	1,153,499	63,369	2,197
			3.077 %	13.747 %	0.162 %	16.986 %	0.933 %	0.032 %
DISTR. MAINTENANCE								
590 Supervision	42,028	116	1,170	6,049	23	7,243	364	5
592 Station Equip	658,459	109	11,189	113,482	0	124,671	33,333	0
593 OH Line Maint	3,403,955	110	93,206	475,823	0	569,028	0	0
594 UG Line Maint	132,469	111	2,448	24,830	0	27,278	0	0
595 Transfrmr Maint	20,030	112	672	2,857	0	3,529	0	0

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
597 Meter Maint	37,614	114	12,501	10,210	8,067	236	7
Total							
DISTR.	4,294,555	147*	1,327,336 30.907 %	620,183 14.441 %	1,547,120 36.025 %	19,868 0.463 %	8,005 0.186 %
CONSUMER ACCOUNTING							
901 Supervision	264,872	11	101,287	31,315	64,047	1,352	153
902 Meter Reading	441,776	11	168,935	52,230	106,823	2,255	255
903 Customer Records	1,795,262	11	686,510	212,248	434,102	9,162	1,034
904 Uncollectibles	0	144	0	0	0	0	0
Total							
CONSUMER	2,501,910	148*	956,732 38.240 %	295,793 11.823 %	604,973 24.180 %	12,769 0.510 %	1,442 0.058 %
CUSTOMER SERVICE							
908 Customer Assist	29,373	9	20,214	6,249	1,278	270	30
909 Information	23,735	9	16,334	5,050	1,033	218	25
912 Sales	5,066	9	3,486	1,078	220	47	5
Total							
CUSTOMER SERVICE	58,174	149*	40,034 68.818 %	12,377 21.276 %	2,531 4.351 %	534 0.918 %	60 0.103 %
SUBTOTAL							
EXPENSES	15,189,134	150*	4,624,136 30.444 %	2,171,671 14.298 %	4,633,891 30.508 %	77,169 0.508 %	70,084 0.461 %
ADMIN. AND GENERAL							
920 Salaries	2,872,165	168	918,044	438,800	883,425	15,466	17,381
921 Office Supplies	1,248,528	168	399,073	190,746	384,024	6,723	7,556
923 Outside Service	350,072	168	111,895	53,483	107,676	1,885	2,118
925 Injury/Damages	358,777	168	114,678	54,813	110,353	1,932	2,171
926 Pensions/Bnfts	4,518	168	1,444	690	1,390	24	27
928 Reg Commission	246,824	144	38,236	19,039	64,017	657	512
930 Miscellaneous	1,017,308	168	325,167	155,421	312,905	5,478	6,156
932 Gen Plnt Maint	170,130	168	54,379	25,992	52,329	916	1,030

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
597 Meter Maint	37,614	114	1,913	3,766	285	5,965	571	57
Total								
DISTR.	4,294,555	147*	110,598 2.575 %	626,808 14.595 %	309 0.007 %	737,714 17.178 %	34,269 0.798 %	62 0.001 %
CONSUMER ACCOUNTING								
901 Supervision	264,872	11	32,705	33,141	273	66,119	545	55
902 Meter Reading	441,776	11	54,548	55,275	455	110,278	909	91
903 Customer Records	1,795,262	11	221,669	224,625	1,847	448,141	3,694	369
904 Uncollectibles	0	144	0	0	0	0	0	0
Total								
CONSUMER	2,501,910	148*	308,922 12.347 %	313,041 12.512 %	2,574 0.103 %	624,538 24.962 %	5,149 0.206 %	515 0.021 %
CUSTOMER SERVICE								
908 Customer Assist	29,373	9	653	661	5	1,320	11	1
909 Information	23,735	9	527	534	4	1,066	9	1
912 Sales	5,066	9	113	114	1	228	2	0
Total								
CUSTOMER SERVICE	58,174	149*	1,293 2.223 %	1,310 2.252 %	11 0.019 %	2,613 4.492 %	22 0.038 %	2 0.003 %
SUBTOTAL								
EXPENSES	15,189,134	150*	642,471 4.230 %	2,003,549 13.191 %	107,964 0.711 %	2,753,983 18.131 %	850,554 5.600 %	7,647 0.050 %
ADMIN. AND GENERAL								
920 Salaries	2,872,165	168	125,635	384,622	10,598	520,855	77,194	1,000
921 Office Supplies	1,248,528	168	54,613	167,195	4,607	226,415	33,556	435
923 Outside Service	350,072	168	15,313	46,879	1,292	63,484	9,409	122
925 Injury/Damages	358,777	168	15,694	48,045	1,324	65,063	9,643	125
926 Pensions/Bnfts	4,518	168	198	605	17	819	121	2
928 Reg Commission	246,824	144	3,823	27,127	5,526	36,477	87,121	764
930 Miscellaneous	1,017,308	168	44,499	136,231	3,754	184,484	27,342	354
932 Gen Plnt Maint	170,130	168	7,442	22,783	628	30,852	4,573	59

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Total							
ADMIN. AND	6,268,322	151*	1,962,916 31.315 %	938,984 14.980 %	1,916,120 30.568 %	33,082 0.528 %	36,952 0.590 %
SUBTOTAL EXPENSES	21,457,456	152*	6,587,052 30.698 %	3,110,655 14.497 %	6,550,010 30.526 %	110,251 0.514 %	107,035 0.499 %
PURCHASED POWER							
WAPA Demand	587,572	7	127,489	61,220	274,443	2,061	1,368
WAPA Energy	1,289,414	8	276,832	142,788	589,985	3,521	3,721
Subtotal							
WAPA Purch Pwr	1,876,986	153*	404,321 21.541 %	204,008 10.869 %	864,428 46.054 %	5,582 0.297 %	5,090 0.271 %
Direct Dmd	29,435,603	30	0	0	0	0	0
Direct Energy	29,697,598	31	0	0	0	0	0
Subtotal							
Direct PurPwr	59,133,201	157*	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %	0 0.000 %
Remainder Demand	32,172,816	7	6,980,723	3,352,112	15,027,292	112,837	74,921
Remainder Energy	33,445,309	8	7,180,580	3,703,687	15,303,249	91,340	96,526
Black Hills	53,223	8	11,427	5,894	24,353	145	154
Heat Rate Credit	-144,596	32	-144,596	0	0	0	0
Other Energy Direct	-202,836	38	0	0	0	0	0
Other Energy Remain	-201,570	8	-43,276	-22,322	-92,230	-550	-582
Fixed Charge Direct	393,192	37	0	0	0	0	0
Fixed Charge Remain	395,955	7	85,913	41,255	184,943	1,389	922
Subtotal							
PURCHASED POWER	126,921,680	158*	14,475,092 11.405 %	7,284,633 5.739 %	31,312,034 24.670 %	210,743 0.166 %	177,031 0.139 %
Credits and Fees	0	158	0	0	0	0	0
Total							
PURCHASED POWER	126,921,680	159*	14,475,092 11.405 %	7,284,633 5.739 %	31,312,034 24.670 %	210,743 0.166 %	177,031 0.139 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Total								
ADMIN. AND	6,268,322	151*	267,217 4.263 %	833,487 13.297 %	27,744 0.443 %	1,128,449 18.002 %	248,959 3.972 %	2,861 0.046 %
SUBTOTAL EXPENSES	21,457,456	152*	909,688 4.239 %	2,837,036 13.222 %	135,708 0.632 %	3,882,432 18.094 %	1,099,513 5.124 %	10,508 0.049 %
PURCHASED POWER								
WAPA Demand	587,572	7	10,858	110,133	0	120,991	0	0
WAPA Energy	1,289,414	8	25,691	246,875	0	272,566	0	0
Subtotal								
WAPA Purch Pwr	1,876,986	153*	36,549 1.947 %	357,008 19.020 %	0 0.000 %	393,557 20.967 %	0 0.000 %	0 0.000 %
Direct Dmd	29,435,603	30	0	0	1,646,274	1,646,274	27,543,390	245,939
Direct Energy	29,697,598	31	0	0	1,798,461	1,798,461	27,654,760	244,377
Subtotal								
Direct PurPwr	59,133,201	157*	0 0.000 %	0 0.000 %	3,444,735 5.825 %	3,444,735 5.825 %	55,198,150 93.345 %	490,316 0.829 %
Remainder Demand	32,172,816	7	594,558	6,030,374	0	6,624,932	0	0
Remainder Energy	33,445,309	8	666,378	6,403,549	0	7,069,927	0	0
Black Hills	53,223	8	1,060	10,190	0	11,251	0	0
Heat Rate Credit	-144,596	32	0	0	0	0	0	0
Other Energy Direct	-202,836	38	0	0	-12,098	-12,098	-188,756	-1,982
Other Energy Remain	-201,570	8	-4,016	-38,593	0	-42,609	0	0
Fixed Charge Direct	393,192	37	0	0	21,855	21,855	367,795	3,542
Fixed Charge Remain	395,955	7	7,317	74,217	0	81,534	0	0
Subtotal								
PURCHASED POWER	126,921,680	158*	1,301,847 1.026 %	12,836,744 10.114 %	3,454,492 2.722 %	17,593,083 13.861 %	55,377,189 43.631 %	491,876 0.388 %
Credits and Fees	0	158	0	0	0	0	0	0
Total								
PURCHASED POWER	126,921,680	159*	1,301,847 1.026 %	12,836,744 10.114 %	3,454,492 2.722 %	17,593,083 13.861 %	55,377,189 43.631 %	491,876 0.388 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
DEPRECIATION							
Transmission Plant	2,024,859	127	192,837	92,599	417,813	3,117	2,070
Distribution Plant	7,113,967	139	2,330,670	1,148,952	2,278,743	49,234	15,285
General Plant	1,097,086	140	307,674	147,115	325,777	5,166	5,621
Capital Leases	4,964	139	1,626	802	1,590	34	11
405.10 Amort Trans	28,554	127	2,719	1,306	5,892	44	29
405.20 Amort Dist	96,407	139	31,585	15,570	30,881	667	207
405.3 Amort-CapLease	10,127	139	3,318	1,636	3,244	70	22
Total	<u>10,375,964</u>	<u>160*</u>	<u>2,870,429</u>	<u>1,407,980</u>	<u>3,063,940</u>	<u>58,333</u>	<u>23,244</u>
DEPRECIATION			27.664 %	13.570 %	29.529 %	0.562 %	0.224 %
TAXES							
408.5 Franchise	95,220	144	14,751	7,345	24,697	254	198
408.6 Public Utility	467,121	144	72,363	36,032	121,154	1,244	969
408.7 Other	372	168	119	57	114	2	2
Total	<u>562,713</u>	<u>161*</u>	<u>87,233</u>	<u>43,434</u>	<u>145,965</u>	<u>1,500</u>	<u>1,169</u>
TAXES			15.502 %	7.719 %	25.940 %	0.267 %	0.208 %
Total	<u>159,317,813</u>	<u>162*</u>	<u>24,019,805</u>	<u>11,846,702</u>	<u>41,071,949</u>	<u>380,826</u>	<u>308,479</u>
EXPENSES			15.077 %	7.436 %	25.780 %	0.239 %	0.194 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
DEPRECIATION								
Transmission Plant	2,024,859	127	16,424	166,584	95,812	278,821	1,031,303	6,299
Distribution Plant	7,113,967	139	199,834	1,023,651	3,999	1,227,484	62,798	800
General Plant	1,097,086	140	40,816	140,005	8,720	189,541	115,068	1,123
Capital Leases	4,964	139	139	714	3	857	44	1
405.10 Amort Trans	28,554	127	232	2,349	1,351	3,932	14,543	89
405.20 Amort Dist	96,407	139	2,708	13,872	54	16,635	851	11
405.3 Amort-CapLease	10,127	139	284	1,457	6	1,747	89	1
Total	<u>10,375,964</u>	<u>160*</u>	<u>260,438</u>	<u>1,348,633</u>	<u>109,946</u>	<u>1,719,017</u>	<u>1,224,697</u>	<u>8,324</u>
DEPRECIATION			2.510 %	12.998 %	1.060 %	16.567 %	11.803 %	0.080 %
TAXES								
408.5 Franchise	95,220	144	1,475	10,465	2,132	14,072	33,610	295
408.6 Public Utility	467,121	144	7,236	51,339	10,459	69,033	164,880	1,445
408.7 Other	372	168	16	50	1	67	10	0
Total	<u>562,713</u>	<u>161*</u>	<u>8,727</u>	<u>61,854</u>	<u>12,592</u>	<u>83,173</u>	<u>198,499</u>	<u>1,740</u>
TAXES			1.551 %	10.992 %	2.238 %	14.781 %	35.275 %	0.309 %
Total	<u>159,317,813</u>	<u>162*</u>	<u>2,480,699</u>	<u>17,084,268</u>	<u>3,712,738</u>	<u>23,277,705</u>	<u>57,899,898</u>	<u>512,448</u>
EXPENSES			1.557 %	10.723 %	2.330 %	14.611 %	36.342 %	0.322 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PAYROLL

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
TRANS. OPERATIONS							
560 Supervision	104,877	106	9,869	4,739	22,105	160	106
561 Load Dispatching	34,565	1	4,058	1,948	8,735	66	44
562 Station Exp	4,461	103	456	219	981	7	5
563 OH Line Exp	1,681	105	144	69	337	2	2
566 Miscellaneous	2,959	106	278	134	624	5	3
570 St. Equip Maint	27,349	103	2,794	1,342	6,015	45	30
571 Trans Maint	30,145	105	2,584	1,241	6,050	42	28
Total							
TRANS. OPERATIONS	206,037	163*	20,183	9,692	44,847	326	217
			9.796 %	4.704 %	21.766 %	0.158 %	0.105 %
DISTR. OPERATIONS							
580 Supervision	442,012	116	143,578	70,763	143,640	3,026	947
582 Station Exp	23,053	109	4,599	2,209	10,590	74	49
583 OH Line Exp	165,602	110	55,109	25,415	56,293	800	301
584 UG Line Exp	1,852	111	402	193	865	6	4
585 Street Lighting	5,736	29	0	0	0	0	5,736
586 Meter Exp	458,500	114	152,388	124,453	98,332	2,882	86
587 Cust Install	16,231	28	0	0	0	0	16,231
588 Misc	986,671	116	320,499	157,959	320,638	6,756	2,114
Total							
DISTR. OPERATIONS	2,099,657	164*	676,576	380,992	630,358	13,545	25,469
			32.223 %	18.145 %	30.022 %	0.645 %	1.213 %
DISTR. MAINTENANCE							
590 Supervision	19,926	116	6,473	3,190	6,475	136	43
592 Station Maint	198,545	109	39,611	19,021	91,205	640	425
593 OH Line Maint	1,469,261	110	488,941	225,491	499,449	7,100	2,668
594 UG Line Maint	64,541	111	14,004	6,725	30,146	226	150
595 Tfrmr Maint	7,310	112	3,031	1,440	1,436	112	3
597 Meter Maint	11,587	114	3,851	3,145	2,485	73	2
Total							
DISTR.	1,771,170	165*	555,910	259,012	631,196	8,288	3,291
			31.387 %	14.624 %	35.637 %	0.468 %	0.186 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PAYROLL**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>AII CBM</u>	<u>LPT</u>	<u>LPT-General</u>
TRANS. OPERATIONS								
560 Supervision	104,877	106	841	8,525	7,276	16,642	50,935	322
561 Load Dispatching	34,565	1	346	3,505	887	4,738	14,845	133
562 Station Exp	4,461	103	39	394	165	597	2,181	15
563 OH Line Exp	1,681	105	12	124	171	307	815	5
566 Miscellaneous	2,959	106	24	241	205	470	1,437	9
570 St. Equip Maint	27,349	103	238	2,414	1,011	3,663	13,369	91
571 Trans Maint	30,145	105	220	2,232	3,058	5,510	14,607	84
Total								
TRANS. OPERATIONS	206,037	163*	1,719	17,435	12,772	31,926	98,188	659
			0.834 %	8.462 %	6.199 %	15.495 %	47.656 %	0.320 %
DISTR. OPERATIONS								
580 Supervision	442,012	116	12,310	63,621	244	76,175	3,833	49
582 Station Exp	23,053	109	392	3,973	0	4,365	1,167	0
583 OH Line Exp	165,602	110	4,534	23,149	0	27,683	0	0
584 UG Line Exp	1,852	111	34	347	0	381	0	0
585 Street Lighting	5,736	29	0	0	0	0	0	0
586 Meter Exp	458,500	114	23,315	45,912	3,478	72,706	6,957	696
587 Cust Install	16,231	28	0	0	0	0	0	0
588 Misc	986,671	116	27,478	142,017	545	170,040	8,556	109
Total								
DISTR. OPERATIONS	2,099,657	164*	68,064	279,019	4,267	351,350	20,513	853
			3.242 %	13.289 %	0.203 %	16.734 %	0.977 %	0.041 %
DISTR. MAINTENANCE								
590 Supervision	19,926	116	555	2,868	11	3,434	173	2
592 Station Maint	198,545	109	3,374	34,218	0	37,592	10,051	0
593 OH Line Maint	1,469,261	110	40,231	205,381	0	245,612	0	0
594 UG Line Maint	64,541	111	1,193	12,097	0	13,290	0	0
595 Tfmr Maint	7,310	112	245	1,043	0	1,288	0	0
597 Meter Maint	11,587	114	589	1,160	88	1,837	176	18
Total								
DISTR.	1,771,170	165*	46,186	256,768	99	303,053	10,400	20
			2.608 %	14.497 %	0.006 %	17.110 %	0.587 %	0.001 %

POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PAYROLL

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
CUSTOMER ACCT.							
901 Supervision	125,258	11	47,899	14,809	30,288	639	72
902 Meter Reading	108,795	11	41,603	12,862	26,307	555	63
903 Customer Rcds	549,034	11	209,951	64,911	132,759	2,802	316
Total	783,087	166*	299,453	92,582	189,354	3,997	451
CUSTOMER ACCT.			38.240 %	11.823 %	24.180 %	0.510 %	0.058 %
CUSTOMER SERVICE							
908 Cust Assist	317	9	218	67	14	3	0
909 Information	1,206	9	830	257	52	11	1
912 Sales	1,971	9	1,356	419	86	18	2
Total	3,494	167*	2,404	743	152	32	4
CUSTOMER SERVICE			68.804 %	21.265 %	4.350 %	0.916 %	0.114 %
SUBTOTAL							
PAYROLL	4,863,445	168*	1,554,526	743,021	1,495,907	26,188	29,432
			31.963 %	15.278 %	30.758 %	0.538 %	0.605 %
ADMIN. AND GENERAL							
920 Salaries	1,466,741	168	468,821	224,084	451,143	7,898	8,876
921 Office Supplies	12,176	168	3,892	1,860	3,745	66	74
925 Injury/Damages	73,842	168	23,602	11,281	22,712	398	447
928 Reg Exp	6,831	168	2,183	1,044	2,101	37	41
930 Miscellaneous	85,623	168	27,368	13,081	26,336	461	518
932 Gen Plant	20,895	168	6,679	3,192	6,427	113	126
Total	1,666,108	169*	532,546	254,543	512,464	8,972	10,083
ADMIN. AND			31.963 %	15.278 %	30.758 %	0.539 %	0.605 %
Total	6,529,553	170*	2,087,072	997,564	2,008,371	35,160	39,514
PAYROLL			31.963 %	15.278 %	30.758 %	0.538 %	0.605 %

**POWDER RIVER ENERGY CORPORATION
EXISTING RATES
TEST YEAR ENDING DECEMBER 31, 2018
Cost of Service Allocation - PAYROLL**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
CUSTOMER ACCT.								
901 Supervision	125,258	11	15,466	15,672	129	31,267	258	26
902 Meter Reading	108,795	11	13,433	13,613	112	27,158	224	22
903 Customer Rcds	549,034	11	67,792	68,696	565	137,052	1,130	113
Total								
CUSTOMER ACCT.	783,087	166*	96,691	97,981	806	195,478	1,612	161
			12.347 %	12.512 %	0.103 %	24.962 %	0.206 %	0.021 %
CUSTOMER SERVICE								
908 Cust Assist	317	9	7	7	0	14	0	0
909 Information	1,206	9	27	27	0	54	0	0
912 Sales	1,971	9	44	44	0	89	1	0
Total								
CUSTOMER SERVICE	3,494	167*	78	79	1	157	1	0
			2.232 %	2.261 %	0.029 %	4.493 %	0.029 %	0.000 %
SUBTOTAL								
PAYROLL	4,863,445	168*	212,738	651,281	17,945	881,964	130,713	1,694
			4.374 %	13.391 %	0.369 %	18.135 %	2.688 %	0.035 %
ADMIN. AND GENERAL								
920 Salaries	1,466,741	168	64,159	196,417	5,412	265,987	39,421	511
921 Office Supplies	12,176	168	533	1,631	45	2,208	327	4
925 Injury/Damages	73,842	168	3,230	9,888	272	13,391	1,985	26
928 Reg Exp	6,831	168	299	915	25	1,239	184	2
930 Miscellaneous	85,623	168	3,745	11,466	316	15,527	2,301	30
932 Gen Plant	20,895	168	914	2,798	77	3,789	562	7
Total								
ADMIN. AND	1,666,108	169*	72,879	223,114	6,148	302,141	44,779	580
			4.374 %	13.391 %	0.369 %	18.135 %	2.688 %	0.035 %
Total								
PAYROLL	6,529,553	170*	285,617	874,396	24,093	1,184,106	175,493	2,274
			4.374 %	13.391 %	0.369 %	18.135 %	2.688 %	0.035 %

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Average Consumers	27,002	18,582	5,745	1,175	248	28
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	32,333,946	7,426,543	3,512,000	11,631,863	133,947	57,254
Monthly Cost per Cons	99.79	33.31	50.94	824.95	45.01	170.40
Average Cost per kWh	0.016075	0.032645	0.029941	0.023653	0.046304	0.018729
Cost per Metered kW		0.00	0.00	11.08	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	6.22	15.54	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	194.38	32.26	50.11	1,098.35	39.07	229.80
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	63,936,542	7,280,967	3,830,047	15,825,356	94,457	99,819
Monthly Cost per Cons	197.32	32.65	55.56	1,122.37	31.74	297.08
Average Cost per kWh	0.031787	0.032006	0.032652	0.032180	0.032652	0.032652
Cost per Metered kW		0.00	0.00	15.07	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	8.46	10.96	0.00
Total Customer	15,208,960	6,241,198	3,125,979	2,751,622	122,612	108,249
Monthly Cost per Cons	46.94	27.99	45.34	195.15	41.20	322.17
Average Cost per kWh	0.007561	0.027435	0.026650	0.005595	0.042385	0.035410
Cost per Metered kW		0.00	0.00	2.62	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	1.47	14.23	0.00
Total Expenses	174,464,585	28,142,832	13,922,612	45,695,518	467,302	342,533
Monthly Cost per Cons	538.43	126.21	201.95	3,240.82	157.02	1,019.44
Average Cost per kWh	0.086736	0.123710	0.118695	0.092920	0.161540	0.112048
Cost per Metered kW		0.00	0.00	43.51	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	24.42	54.22	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Average Consumers	27,002	600	608	5	1,213	10	1
kWh Sold	2,011,435,887	21,104,460	204,431,464	57,204,953	282,740,877	878,400,157	7,785,554
Metered kW		0	430,077	93,838	523,915	1,805,329	20,943
Billing kW/HP		0	676,686	83,442	760,128	1,402,413	12,671
System Demand	32,333,946	621,240	4,796,677	351,957	5,769,875	3,780,015	22,449
Monthly Cost per Cons	99.79	86.28	657.44	5,865.96	396.39	31,500.12	1,870.77
Average Cost per kWh	0.016075	0.029436	0.023463	0.006153	0.020407	0.004303	0.002883
Cost per Metered kW		0.00	11.15	3.75	11.01	2.09	1.07
Cost per Billing kW/HP		0.00	7.09	4.22	7.59	2.70	1.77
Purch Pwr Demand	62,985,138	612,734	6,214,723	1,668,129	8,495,586	27,911,185	249,481
Monthly Cost per Cons	194.38	85.10	851.80	27,802.15	583.65	232,593.21	20,790.08
Average Cost per kWh	0.031314	0.029033	0.030400	0.029161	0.030047	0.031775	0.032044
Cost per Metered kW		0.00	14.45	17.78	16.22	15.46	11.91
Cost per Billing kW/HP		0.00	9.18	19.99	11.18	19.90	19.69
Energy	63,936,542	689,113	6,622,021	1,786,363	9,097,497	27,466,004	242,395
Monthly Cost per Cons	197.32	95.71	907.62	29,772.72	625.00	228,883.37	20,199.59
Average Cost per kWh	0.031787	0.032652	0.032392	0.031227	0.032176	0.031268	0.031134
Cost per Metered kW		0.00	15.40	19.04	17.36	15.21	11.57
Cost per Billing kW/HP		0.00	9.79	21.41	11.97	19.58	19.13
Total Customer	15,208,960	952,530	1,500,580	50,711	2,503,822	346,440	9,037
Monthly Cost per Cons	46.94	132.30	205.67	845.19	172.01	2,887.00	753.09
Average Cost per kWh	0.007561	0.045134	0.007340	0.000886	0.008856	0.000394	0.001161
Cost per Metered kW		0.00	3.49	0.54	4.78	0.19	0.43
Cost per Billing kW/HP		0.00	2.22	0.61	3.29	0.25	0.71
Total Expenses	174,464,585	2,875,617	19,134,002	3,857,161	25,866,780	59,503,643	523,362
Monthly Cost per Cons	538.43	399.39	2,622.53	64,286.02	1,777.05	495,863.69	43,613.52
Average Cost per kWh	0.086736	0.136256	0.093596	0.067427	0.091486	0.067741	0.067222
Cost per Metered kW		0.00	44.49	41.10	49.37	32.96	24.99
Cost per Billing kW/HP		0.00	28.28	46.23	34.03	42.43	41.30

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Average Consumers	27,002	18,582	5,745	1,175	248	28
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
Trans Sub Demand	3,800,844	394,288	189,335	848,777	6,373	4,232
Monthly Cost per Cons	11.73	1.77	2.75	60.20	2.14	12.59
Average Cost per kWh	0.001890	0.001733	0.001614	0.001726	0.002203	0.001384
Cost per Metered kW		0.00	0.00	0.81	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.45	0.74	0.00
Trans Line Demand	2,865,251	243,909	117,124	543,253	3,943	2,618
Monthly Cost per Cons	8.84	1.09	1.70	38.53	1.32	7.79
Average Cost per kWh	0.001424	0.001072	0.000999	0.001105	0.001363	0.000856
Cost per Metered kW		0.00	0.00	0.52	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.29	0.46	0.00
Distr Sub Demand	4,695,981	949,883	456,130	2,106,745	15,354	10,195
Monthly Cost per Cons	14.49	4.26	6.62	149.41	5.16	30.34
Average Cost per kWh	0.002335	0.004175	0.003889	0.004284	0.005308	0.003335
Cost per Metered kW		0.00	0.00	2.01	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	1.13	1.78	0.00
Distr OH Demand	16,478,915	4,488,752	2,105,585	6,694,294	68,244	34,332
Monthly Cost per Cons	50.86	20.13	30.54	474.77	22.93	102.18
Average Cost per kWh	0.008193	0.019732	0.017951	0.013613	0.023591	0.011231
Cost per Metered kW		0.00	0.00	6.37	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	3.58	7.92	0.00
Distr UG Demand	2,297,997	498,610	239,430	1,073,349	8,060	5,351
Monthly Cost per Cons	7.09	2.24	3.47	76.12	2.71	15.93
Average Cost per kWh	0.001142	0.002192	0.002041	0.002183	0.002786	0.001751
Cost per Metered kW		0.00	0.00	1.02	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.57	0.94	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Average Consumers	27,002	600	608	5	1,213	10	1
kWh Sold	2,011,435,887	21,104,460	204,431,464	57,204,953	282,740,877	878,400,157	7,785,554
Metered kW		0	430,077	93,838	523,915	1,805,329	20,943
Billing kW/HP		0	676,686	83,442	760,128	1,402,413	12,671
Trans Sub Demand	3,800,844	33,582	340,610	86,221	460,413	1,884,547	12,880
Monthly Cost per Cons	11.73	4.66	46.68	1,437.02	31.63	15,704.56	1,073.35
Average Cost per kWh	0.001890	0.001591	0.001666	0.001507	0.001628	0.002145	0.001654
Cost per Metered kW		0.00	0.79	0.92	0.88	1.04	0.62
Cost per Billing kW/HP		0.00	0.50	1.03	0.61	1.34	1.02
Trans Line Demand	2,865,251	20,774	210,704	255,018	486,496	1,459,941	7,968
Monthly Cost per Cons	8.84	2.89	28.88	4,250.30	33.42	12,166.18	663.98
Average Cost per kWh	0.001424	0.000984	0.001031	0.004458	0.001721	0.001662	0.001023
Cost per Metered kW		0.00	0.49	2.72	0.93	0.81	0.38
Cost per Billing kW/HP		0.00	0.31	3.06	0.64	1.04	0.63
Distr Sub Demand	4,695,981	80,903	820,567	0	901,470	256,204	0
Monthly Cost per Cons	14.49	11.24	112.47	0.00	61.93	2,135.03	0.00
Average Cost per kWh	0.002335	0.003833	0.004014	0.000000	0.003188	0.000292	0.000000
Cost per Metered kW		0.00	1.91	0.00	1.72	0.14	0.00
Cost per Billing kW/HP		0.00	1.21	0.00	1.19	0.18	0.00
Distr OH Demand	16,478,915	374,729	2,712,979	0	3,087,707	0	0
Monthly Cost per Cons	50.86	52.05	371.84	0.00	212.13	0.00	0.00
Average Cost per kWh	0.008193	0.017756	0.013271	0.000000	0.010921	0.000000	0.000000
Cost per Metered kW		0.00	6.31	0.00	5.89	0.00	0.00
Cost per Billing kW/HP		0.00	4.01	0.00	4.06	0.00	0.00
Distr UG Demand	2,297,997	42,467	430,729	0	473,197	0	0
Monthly Cost per Cons	7.09	5.90	59.04	0.00	32.51	0.00	0.00
Average Cost per kWh	0.001142	0.002012	0.002107	0.000000	0.001674	0.000000	0.000000
Cost per Metered kW		0.00	1.00	0.00	0.90	0.00	0.00
Cost per Billing kW/HP		0.00	0.64	0.00	0.62	0.00	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Average Consumers	27,002	18,582	5,745	1,175	248	28
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
Dist Other Demand	2,194,959	851,101	404,396	365,445	31,974	526
Monthly Cost per Cons	6.77	3.82	5.87	25.92	10.74	1.57
Average Cost per kWh	0.001091	0.003741	0.003448	0.000743	0.011053	0.000172
Cost per Metered kW		0.00	0.00	0.35	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.20	3.71	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	194.38	32.26	50.11	1,098.35	39.07	229.80
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	63,936,542	7,280,967	3,830,047	15,825,356	94,457	99,819
Monthly Cost per Cons	197.32	32.65	55.56	1,122.37	31.74	297.08
Average Cost per kWh	0.031787	0.032006	0.032652	0.032180	0.032652	0.032652
Cost per Metered kW		0.00	0.00	15.07	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	8.46	10.96	0.00
Distr Cust Bkbn	7,980,125	3,520,447	2,042,899	1,211,598	53,928	104,069
Monthly Cost per Cons	24.63	15.79	29.63	85.93	18.12	309.73
Average Cost per kWh	0.003967	0.015475	0.017416	0.002464	0.018642	0.034043
Cost per Metered kW		0.00	0.00	1.15	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.65	6.26	0.00
DistrCust Pri	2,978,043	1,390,468	648,365	433,455	50,451	268
Monthly Cost per Cons	9.19	6.24	9.40	30.74	16.95	0.80
Average Cost per kWh	0.001481	0.006112	0.005528	0.000881	0.017440	0.000088
Cost per Metered kW		0.00	0.00	0.41	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.23	5.85	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Average Consumers	27,002	600	608	5	1,213	10	1
kWh Sold	2,011,435,887	21,104,460	204,431,464	57,204,953	282,740,877	878,400,157	7,785,554
Metered kW		0	430,077	93,838	523,915	1,805,329	20,943
Billing kW/HP		0	676,686	83,442	760,128	1,402,413	12,671
Dist Other Demand	2,194,959	68,785	281,089	10,718	360,592	179,323	1,601
Monthly Cost per Cons	6.77	9.55	38.53	178.64	24.77	1,494.36	133.43
Average Cost per kWh	0.001091	0.003259	0.001375	0.000187	0.001275	0.000204	0.000206
Cost per Metered kW		0.00	0.65	0.11	0.69	0.10	0.08
Cost per Billing kW/HP		0.00	0.42	0.13	0.47	0.13	0.13
Purch Pwr Demand	62,985,138	612,734	6,214,723	1,668,129	8,495,586	27,911,185	249,481
Monthly Cost per Cons	194.38	85.10	851.80	27,802.15	583.65	232,593.21	20,790.08
Average Cost per kWh	0.031314	0.029033	0.030400	0.029161	0.030047	0.031775	0.032044
Cost per Metered kW		0.00	14.45	17.78	16.22	15.46	11.91
Cost per Billing kW/HP		0.00	9.18	19.99	11.18	19.90	19.69
Energy	63,936,542	689,113	6,622,021	1,786,363	9,097,497	27,466,004	242,395
Monthly Cost per Cons	197.32	95.71	907.62	29,772.72	625.00	228,883.37	20,199.59
Average Cost per kWh	0.031787	0.032652	0.032392	0.031227	0.032176	0.031268	0.031134
Cost per Metered kW		0.00	15.40	19.04	17.36	15.21	11.57
Cost per Billing kW/HP		0.00	9.79	21.41	11.97	19.58	19.13
Distr Cust Bkbn	7,980,125	374,584	579,855	28,982	983,422	57,965	5,796
Monthly Cost per Cons	24.63	52.03	79.48	483.04	67.56	483.04	483.04
Average Cost per kWh	0.003967	0.017749	0.002836	0.000507	0.003478	0.000066	0.000745
Cost per Metered kW		0.00	1.35	0.31	1.88	0.03	0.28
Cost per Billing kW/HP		0.00	0.86	0.35	1.29	0.04	0.46
DistrCust Pri	2,978,043	96,915	358,121	0	455,037	0	0
Monthly Cost per Cons	9.19	13.46	49.08	0.00	31.26	0.00	0.00
Average Cost per kWh	0.001481	0.004592	0.001752	0.000000	0.001609	0.000000	0.000000
Cost per Metered kW		0.00	0.83	0.00	0.87	0.00	0.00
Cost per Billing kW/HP		0.00	0.53	0.00	0.60	0.00	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Average Consumers	27,002	18,582	5,745	1,175	248	28
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
Customer Accounts	3,454,193	1,206,950	373,153	899,727	16,108	2,248
Monthly Cost per Cons	10.66	5.41	5.41	63.81	5.41	6.69
Average Cost per kWh	0.001717	0.005305	0.003181	0.001830	0.005568	0.000735
Cost per Metered kW		0.00	0.00	0.86	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.48	1.87	0.00
Revenue	796,599	123,332	61,562	206,843	2,125	1,665
Monthly Cost per Cons	2.46	0.55	0.89	14.67	0.71	4.95
Average Cost per kWh	0.000396	0.000542	0.000525	0.000421	0.000735	0.000544
Cost per Metered kW		0.00	0.00	0.20	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	0.11	0.25	0.00
Total Expenses	174,464,585	28,142,832	13,922,612	45,695,518	467,302	342,533
Monthly Cost per Cons	538.43	126.21	201.95	3,240.82	157.02	1,019.44
Average Cost per kWh	0.086736	0.123710	0.118695	0.092920	0.161540	0.112048
Cost per Metered kW		0.00	0.00	43.51	0.00	0.00
Cost per Billing kW/HP		0.00	0.00	24.42	54.22	0.00

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
Summary of Components of Expenses

<u>Accounts</u>	<u>Total</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Average Consumers	27,002	600	608	5	1,213	10	1
kWh Sold	2,011,435,887	21,104,460	204,431,464	57,204,953	282,740,877	878,400,157	7,785,554
Metered kW		0	430,077	93,838	523,915	1,805,329	20,943
Billing kW/HP		0	676,686	83,442	760,128	1,402,413	12,671
Customer Accounts	3,454,193	468,631	474,879	3,905	947,415	7,811	781
Monthly Cost per Cons	10.66	65.09	65.09	65.09	65.09	65.09	65.09
Average Cost per kWh	0.001717	0.022205	0.002323	0.000068	0.003351	0.000009	0.000100
Cost per Metered kW		0.00	1.10	0.04	1.81	0.00	0.04
Cost per Billing kW/HP		0.00	0.70	0.05	1.25	0.01	0.06
Revenue	796,599	12,400	87,725	17,824	117,948	280,665	2,460
Monthly Cost per Cons	2.46	1.72	12.02	297.06	8.10	2,338.87	204.96
Average Cost per kWh	0.000396	0.000588	0.000429	0.000312	0.000417	0.000320	0.000316
Cost per Metered kW		0.00	0.20	0.19	0.23	0.16	0.12
Cost per Billing kW/HP		0.00	0.13	0.21	0.16	0.20	0.19
Total Expenses	174,464,585	2,875,617	19,134,002	3,857,161	25,866,780	59,503,643	523,362
Monthly Cost per Cons	538.43	399.39	2,622.53	64,286.02	1,777.05	495,863.69	43,613.52
Average Cost per kWh	0.086736	0.136256	0.093596	0.067427	0.091486	0.067741	0.067222
Cost per Metered kW		0.00	44.49	41.10	49.37	32.96	24.99
Cost per Billing kW/HP		0.00	28.28	46.23	34.03	42.43	41.30

**POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Trans Sub Demand							
Trans Substation	3,358,833	1	394,288	189,335	848,777	6,373	4,232
Dir LPT Trans Sub	442,012	22	0	0	0	0	0
<u>Total</u>							
Trans Sub Demand	3,800,844		394,288 10.374 %	189,335 4.981 %	848,777 22.331 %	6,373 0.168 %	4,232 0.111 %
Trans Line Demand							
Trans Line	2,077,798	2	243,909	117,124	525,059	3,943	2,618
Dir LPT Trans Line	567,579	23	0	0	0	0	0
Dir LPT CBM - Trans	201,681	24	0	0	0	0	0
Direct LP Trans	18,193	25	0	0	18,193	0	0
<u>Total</u>							
Trans Line Demand	2,865,251		243,909 8.513 %	117,124 4.088 %	543,253 18.960 %	3,943 0.138 %	2,618 0.091 %
Distr Sub Demand							
Distr Sub Demand	4,377,831	3	949,883	456,130	2,044,799	15,354	10,195
Direct LP Sub	61,946	26	0	0	61,946	0	0
Direct LPT Subs	256,204	27	0	0	0	0	0
<u>Total</u>							
Distr Sub Demand	4,695,981		949,883 20.228 %	456,130 9.713 %	2,106,745 44.863 %	15,354 0.327 %	10,195 0.217 %
Distr OH Demand							
Distr OH Demand	13,772,280	4	2,988,252	1,434,945	6,432,762	48,302	32,072
Consumer 3 - 1 P 40%	1,747,314	12	1,500,501	217,022	0	19,942	2,261
Consumer 4 - 3 P 40%	959,321	13	0	453,618	261,532	0	0
<u>Total</u>							
Distr OH Demand	16,478,915		4,488,752 27.239 %	2,105,585 12.777 %	6,694,294 40.623 %	68,244 0.414 %	34,332 0.208 %

**POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Trans Sub Demand								
Trans Substation	3,358,833	1	33,582	340,610	86,221	460,413	1,442,535	12,880
Dir LPT Trans Sub	442,012	22	0	0	0	0	442,012	0
Total								
Trans Sub Demand	3,800,844		33,582 0.884 %	340,610 8.961 %	86,221 2.268 %	460,413 12.113 %	1,884,547 49.582 %	12,880 0.339 %
Trans Line Demand								
Trans Line	2,077,798	2	20,774	210,704	53,337	284,815	892,363	7,968
Dir LPT Trans Line	567,579	23	0	0	0	0	567,579	0
Dir LPT CBM - Trans	201,681	24	0	0	201,681	201,681	0	0
Direct LP Trans	18,193	25	0	0	0	0	0	0
Total								
Trans Line Demand	2,865,251		20,774 0.725 %	210,704 7.354 %	255,018 8.900 %	486,496 16.979 %	1,459,941 50.953 %	7,968 0.278 %
Distr Sub Demand								
Distr Sub Demand	4,377,831	3	80,903	820,567	0	901,470	0	0
Direct LP Sub	61,946	26	0	0	0	0	0	0
Direct LPT Subs	256,204	27	0	0	0	0	256,204	0
Total								
Distr Sub Demand	4,695,981		80,903 1.723 %	820,567 17.474 %	0 0.000 %	901,470 19.197 %	256,204 5.456 %	0 0.000 %
Distr OH Demand								
Distr OH Demand	13,772,280	4	254,514	2,581,434	0	2,835,948	0	0
Consumer 3 - 1 P 40%	1,747,314	12	7,589	0	0	7,589	0	0
Consumer 4 - 3 P 40%	959,321	13	112,626	131,545	0	244,170	0	0
Total								
Distr OH Demand	16,478,915		374,729 2.274 %	2,712,979 16.463 %	0 0.000 %	3,087,707 18.737 %	0 0.000 %	0 0.000 %

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Distr UG Demand							
Distr UG Demand	2,297,997	5	498,610	239,430	1,073,349	8,060	5,351
Total							
Distr UG Demand	2,297,997		498,610	239,430	1,073,349	8,060	5,351
			21.698 %	10.419 %	46.708 %	0.351 %	0.233 %
Dist Other Demand							
Account 368 40%	1,777,420	14	802,087	380,860	259,933	31,182	0
SCADA	417,539	35	49,014	23,536	105,512	792	526
Total							
Dist Other Demand	2,194,959		851,101	404,396	365,445	31,974	526
			38.775 %	18.424 %	16.649 %	1.457 %	0.024 %
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	34,586,376	8	7,425,563	3,830,047	15,825,356	94,457	99,819
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
Total							
Energy	63,936,542		7,280,967	3,830,047	15,825,356	94,457	99,819
			11.388 %	5.990 %	24.752 %	0.148 %	0.156 %
Distr Cust Bkbn							
Consumer 3 - 1 P 60%	2,620,971	12	2,250,751	325,532	0	29,913	3,391
Consumer 4 - 3 P 60%	1,438,981	13	0	680,428	392,298	0	0
Account 370 1 Phase	1,017,841	16	793,981	192,250	0	17,666	0
Account 370 3 Phase	2,111,506	17	0	697,613	789,219	0	0
Account 370 Turtles	690,865	18	475,715	147,077	30,081	6,349	717

**POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Distr UG Demand								
Distr UG Demand	2,297,997	5	42,467	430,729	0	473,197	0	0
Total								
Distr UG Demand	2,297,997		42,467	430,729	0	473,197	0	0
			1.848 %	18.744 %	0.000 %	20.592 %	0.000 %	0.000 %
Dist Other Demand								
Account 368 40%	1,777,420	14	64,610	238,748	0	303,358	0	0
SCADA	417,539	35	4,175	42,341	10,718	57,234	179,323	1,601
Total								
Dist Other Demand	2,194,959		68,785	281,089	10,718	360,592	179,323	1,601
			3.134 %	12.806 %	0.488 %	16.428 %	8.170 %	0.073 %
Purch Pwr Demand								
PP Demand	33,156,343	7	612,734	6,214,723	0	6,827,457	0	0
Direct PP Demand	29,435,603	30	0	0	1,646,274	1,646,274	27,543,390	245,939
Direct Fixed Charges	393,192	37	0	0	21,855	21,855	367,795	3,542
Total								
Purch Pwr Demand	62,985,138		612,734	6,214,723	1,668,129	8,495,586	27,911,185	249,481
			0.973 %	9.867 %	2.648 %	13.488 %	44.314 %	0.396 %
Energy								
Energy	34,586,376	8	689,113	6,622,021	0	7,311,134	0	0
Direct PP Energy	29,697,598	31	0	0	1,798,461	1,798,461	27,654,760	244,377
Direct Heat Rate	-144,596	32	0	0	0	0	0	0
Other Energy Charges	-202,836	38	0	0	-12,098	-12,098	-188,756	-1,982
Total								
Energy	63,936,542		689,113	6,622,021	1,786,363	9,097,497	27,466,004	242,395
			1.078 %	10.357 %	2.794 %	14.229 %	42.958 %	0.379 %
Distr Cust Bkbn								
Consumer 3 - 1 P 60%	2,620,971	12	11,384	0	0	11,384	0	0
Consumer 4 - 3 P 60%	1,438,981	13	168,938	197,317	0	366,256	0	0
Account 370 1 Phase	1,017,841	16	13,944	0	0	13,944	0	0
Account 370 3 Phase	2,111,506	17	164,957	366,973	28,982	560,913	57,965	5,796
Account 370 Turtles	690,865	18	15,361	15,565	0	30,926	0	0

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Direct Street Lights	50,717	28	0	0	0	0	50,717
Direct Security Lts	49,245	29	0	0	0	0	49,245
Total							
Distr Cust Bkbn	7,980,125		3,520,447	2,042,899	1,211,598	53,928	104,069
			44.115 %	25.600 %	15.183 %	0.676 %	1.304 %
DistrCust Pri							
Account 368 60%	2,666,129	14	1,203,130	571,290	389,900	46,772	0
Account 369	311,914	15	187,338	77,075	43,555	3,679	268
Total							
DistrCust Pri	2,978,043		1,390,468	648,365	433,455	50,451	268
			46.691 %	21.772 %	14.555 %	1.694 %	0.009 %
Customer Accounts							
Customer 1 - Average	65,216	9	44,880	13,875	2,838	599	68
Cons Deposit/Advance	-394,648	10	-284,790	-88,049	-18,008	-3,801	0
Consumer 2-Weighted	3,783,625	11	1,446,861	447,326	914,897	19,310	2,180
Total							
Customer	3,454,193		1,206,950	373,153	899,727	16,108	2,248
Accounts			34.942 %	10.803 %	26.047 %	0.466 %	0.065 %
Revenue							
Base Revenue	754,124	19	116,955	58,261	193,364	2,043	1,582
COPA Revenue	41,477	20	6,143	3,183	13,345	79	83
Idle Services	999	36	234	118	133	3	0
Total							
Revenue	796,599		123,332	61,562	206,843	2,125	1,665
			15.482 %	7.728 %	25.966 %	0.267 %	0.209 %
Total							
EXPENSES	174,464,586		28,142,833	13,922,613	45,695,519	467,302	342,533
			16.131 %	7.980 %	26.192 %	0.268 %	0.196 %

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Direct Street Lights	50,717	28	0	0	0	0	0	0
Direct Security Lts	49,245	29	0	0	0	0	0	0
Total								
Distr Cust Bkbn	7,980,125		374,584	579,855	28,982	983,422	57,965	5,796
			4.694 %	7.266 %	0.363 %	12.323 %	0.726 %	0.073 %
DistrCust Pri								
Account 368 60%	2,666,129	14	96,915	358,121	0	455,037	0	0
Account 369	311,914	15	0	0	0	0	0	0
Total								
DistrCust Pri	2,978,043		96,915	358,121	0	455,037	0	0
			3.254 %	12.025 %	0.000 %	15.280 %	0.000 %	0.000 %
Customer Accounts								
Customer 1 - Average	65,216	9	1,449	1,468	12	2,930	24	2
Cons Deposit/Advance	-394,648	10	0	0	0	0	0	0
Consumer 2-Weighted	3,783,625	11	467,181	473,411	3,893	944,485	7,786	779
Total								
Customer	3,454,193		468,631	474,879	3,905	947,415	7,811	781
Accounts			13.567 %	13.748 %	0.113 %	27.428 %	0.226 %	0.023 %
Revenue								
Base Revenue	754,124	19	11,677	81,817	16,497	109,991	269,649	2,279
COPA Revenue	41,477	20	573	5,548	1,326	7,447	11,016	181
Idle Services	999	36	150	360	0	510	0	0
Total								
Revenue	796,599		12,400	87,725	17,824	117,948	280,665	2,460
			1.557 %	11.012 %	2.237 %	14.806 %	35.233 %	0.309 %
Total								
EXPENSES	174,464,586		2,875,617	19,134,002	3,857,161	25,866,780	59,503,643	523,362
			1.648 %	10.967 %	2.211 %	14.826 %	34.106 %	0.300 %

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
System Demand							
Trans Substation	3,358,833	1	394,288	189,335	848,777	6,373	4,232
Trans Line	2,077,798	2	243,909	117,124	525,059	3,943	2,618
Distr Sub Demand	4,377,831	3	949,883	456,130	2,044,799	15,354	10,195
Distr OH Demand	13,772,280	4	2,988,252	1,434,945	6,432,762	48,302	32,072
Distr UG Demand	2,297,997	5	498,610	239,430	1,073,349	8,060	5,351
Consumer 3 - 1 P 40%	1,747,314	12	1,500,501	217,022	0	19,942	2,261
Consumer 4 - 3 P 40%	959,321	13	0	453,618	261,532	0	0
Account 368 40%	1,777,420	14	802,087	380,860	259,933	31,182	0
Dir LPT Trans Sub	442,012	22	0	0	0	0	0
Dir LPT Trans Line	567,579	23	0	0	0	0	0
Dir LPT CBM - Trans	201,681	24	0	0	0	0	0
Direct LP Trans	18,193	25	0	0	18,193	0	0
Direct LP Sub	61,946	26	0	0	61,946	0	0
Direct LPT Subs	256,204	27	0	0	0	0	0
SCADA	417,539	35	49,014	23,536	105,512	792	526
Total							
System Demand	32,333,946		7,426,543	3,512,000	11,631,863	133,947	57,254
			22.968 %	10.862 %	35.974 %	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	34,586,376	8	7,425,563	3,830,047	15,825,356	94,457	99,819
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

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
System Demand								
Trans Substation	3,358,833	1	33,582	340,610	86,221	460,413	1,442,535	12,880
Trans Line	2,077,798	2	20,774	210,704	53,337	284,815	892,363	7,968
Distr Sub Demand	4,377,831	3	80,903	820,567	0	901,470	0	0
Distr OH Demand	13,772,280	4	254,514	2,581,434	0	2,835,948	0	0
Distr UG Demand	2,297,997	5	42,467	430,729	0	473,197	0	0
Consumer 3 - 1 P 40%	1,747,314	12	7,589	0	0	7,589	0	0
Consumer 4 - 3 P 40%	959,321	13	112,626	131,545	0	244,170	0	0
Account 368 40%	1,777,420	14	64,610	238,748	0	303,358	0	0
Dir LPT Trans Sub	442,012	22	0	0	0	0	442,012	0
Dir LPT Trans Line	567,579	23	0	0	0	0	567,579	0
Dir LPT CBM - Trans	201,681	24	0	0	201,681	201,681	0	0
Direct LP Trans	18,193	25	0	0	0	0	0	0
Direct LP Sub	61,946	26	0	0	0	0	0	0
Direct LPT Subs	256,204	27	0	0	0	0	256,204	0
SCADA	417,539	35	4,175	42,341	10,718	57,234	179,323	1,601
Total								
System Demand	32,333,946		621,240	4,796,677	351,957	5,769,875	3,780,015	22,449
			1.921 %	14.835 %	1.089 %	17.845 %	11.691 %	0.069 %
Purch Pwr Demand								
PP Demand	33,156,343	7	612,734	6,214,723	0	6,827,457	0	0
Direct PP Demand	29,435,603	30	0	0	1,646,274	1,646,274	27,543,390	245,939
Direct Fixed Charges	393,192	37	0	0	21,855	21,855	367,795	3,542
Total								
Purch Pwr Demand	62,985,138		612,734	6,214,723	1,668,129	8,495,586	27,911,185	249,481
			0.973 %	9.867 %	2.648 %	13.488 %	44.314 %	0.396 %
Energy								
Energy	34,586,376	8	689,113	6,622,021	0	7,311,134	0	0
Direct PP Energy	29,697,598	31	0	0	1,798,461	1,798,461	27,654,760	244,377
Direct Heat Rate	-144,596	32	0	0	0	0	0	0
Other Energy Charges	-202,836	38	0	0	-12,098	-12,098	-188,756	-1,982

**POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES**

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>RESIDENTIAL</u>	<u>GEN SERV</u>	<u>LARGE PWR</u>	<u>Irrigation</u>	<u>LIGHTS</u>
Total Energy	63,936,542		7,280,967 11.388 %	3,830,047 5.990 %	15,825,356 24.752 %	94,457 0.148 %	99,819 0.156 %
Total Customer							
Customer 1 - Average	65,216	9	44,880	13,875	2,838	599	68
Cons Deposit/Advance	-394,648	10	-284,790	-88,049	-18,008	-3,801	0
Consumer 2-Weighted	3,783,625	11	1,446,861	447,326	914,897	19,310	2,180
Consumer 3 - 1 P 60%	2,620,971	12	2,250,751	325,532	0	29,913	3,391
Consumer 4 - 3 P 60%	1,438,981	13	0	680,428	392,298	0	0
Account 368 60%	2,666,129	14	1,203,130	571,290	389,900	46,772	0
Account 369	311,914	15	187,338	77,075	43,555	3,679	268
Account 370 1 Phase	1,017,841	16	793,981	192,250	0	17,666	0
Account 370 3 Phase	2,111,506	17	0	697,613	789,219	0	0
Account 370 Turtles	690,865	18	475,715	147,077	30,081	6,349	717
Base Revenue	754,124	19	116,955	58,261	193,364	2,043	1,582
COPA Revenue	41,477	20	6,143	3,183	13,345	79	83
Direct Street Lights	50,717	28	0	0	0	0	50,717
Direct Security Lts	49,245	29	0	0	0	0	49,245
Idle Services	999	36	234	118	133	3	0
Total Total Customer	15,208,960		6,241,198 41.036 %	3,125,979 20.554 %	2,751,622 18.092 %	122,612 0.806 %	108,249 0.712 %
Total EXPENSES	174,464,586		28,142,833 16.131 %	13,922,613 7.980 %	45,695,519 26.192 %	467,302 0.268 %	342,533 0.196 %

POWDER RIVER ENERGY CORPORATION
UNBUNDLED COST COMPONENTS WITH RETURN
TEST YEAR ENDING DECEMBER 31, 2018
COMPONENTS OF EXPENSES

<u>Accounts</u>	<u>Total</u>	<u>A.F.</u>	<u>GS CBM</u>	<u>LP CBM</u>	<u>LPT CBM</u>	<u>All CBM</u>	<u>LPT</u>	<u>LPT-General</u>
Total								
Energy	63,936,542		689,113 1.078 %	6,622,021 10.357 %	1,786,363 2.794 %	9,097,497 14.229 %	27,466,004 42.958 %	242,395 0.379 %
Total Customer								
Customer 1 - Average	65,216	9	1,449	1,468	12	2,930	24	2
Cons Deposit/Advance	-394,648	10	0	0	0	0	0	0
Consumer 2-Weighted	3,783,625	11	467,181	473,411	3,893	944,485	7,786	779
Consumer 3 - 1 P 60%	2,620,971	12	11,384	0	0	11,384	0	0
Consumer 4 - 3 P 60%	1,438,981	13	168,938	197,317	0	366,256	0	0
Account 368 60%	2,666,129	14	96,915	358,121	0	455,037	0	0
Account 369	311,914	15	0	0	0	0	0	0
Account 370 1 Phase	1,017,841	16	13,944	0	0	13,944	0	0
Account 370 3 Phase	2,111,506	17	164,957	366,973	28,982	560,913	57,965	5,796
Account 370 Turtles	690,865	18	15,361	15,565	0	30,926	0	0
Base Revenue	754,124	19	11,677	81,817	16,497	109,991	269,649	2,279
COPA Revenue	41,477	20	573	5,548	1,326	7,447	11,016	181
Direct Street Lights	50,717	28	0	0	0	0	0	0
Direct Security Lts	49,245	29	0	0	0	0	0	0
Idle Services	999	36	150	360	0	510	0	0
Total								
Total Customer	15,208,960		952,530 6.263 %	1,500,580 9.866 %	50,711 0.333 %	2,503,822 16.463 %	346,440 2.278 %	9,037 0.059 %
Total								
EXPENSES	174,464,586		2,875,617 1.648 %	19,134,002 10.967 %	3,857,161 2.211 %	25,866,780 14.826 %	59,503,643 34.106 %	523,362 0.300 %

POWDER RIVER ENERGY CORPORATION
SUMMARY OF RATE CHANGE

	<u>Consumers</u>	<u>kWh Sold</u>	<u>Adjusted</u>	<u>Proposed</u>	<u>Change</u>	<u>% Change</u>
Residential	14,825	205,949,962	22,374,743	24,346,853	1,972,110	8.81%
Residential ToD	132	3,284,144	295,379	311,934	16,555	5.60%
Residential Heat Rate	210	7,571,345	594,660	668,482	73,822	12.41%
Residential	15,167	216,805,451	23,264,782	25,327,269	2,062,487	8.87%
Seasonal	3,352	9,567,164	1,852,850	1,992,402	139,552	7.53%
Irrigation	132	2,892,793	434,160	458,498	24,338	5.61%
General Service	5,745	117,297,304	12,572,754	13,686,333	1,113,579	8.86%
General Service - CBM/ GS	600	21,104,460	2,506,518	2,251,682	-254,836	-10.17%
Large Power	1,175	491,771,356	42,297,231	44,918,910	2,621,679	6.20%
Large Power CBM/ LP	608	204,431,464	17,876,696	18,174,334	297,638	1.66%
LP Trans Coal	10	878,400,157	57,430,000	58,312,114	882,114	1.54%
LP Trans CBM	5	57,204,953	3,647,133	3,781,931	134,798	3.70%
LP Trans General/ LP TOU Trans	1	7,785,554	503,279	510,401	7,123	1.42%
Black Hills	2	1,118,209	70,853	70,853	0	0.00%
Security Lighting	0	2,153,440	246,558	248,909	2,351	0.95%
Street Lighting	0	903,582	94,033	93,255	-778	-0.83%
Lighting	0	3,057,022	340,591	342,164	1,573	0.46%
Total Energy Sales		2,011,435,887	162,796,847	169,826,892	7,030,045	4.32%
Other Revenue			3,246,488	3,246,488	0	0.00%
Total Revenue			166,043,335	173,073,380	7,030,045	4.23%

Schedule N-1.0

PRECorp/2019 General Rate Case
HA001014

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
1. RESIDENTIAL			
Total Customers	169,325	27.00	4,571,764
Total Customers >200 Amps	8,571	31.50	270,002
All kWh	205,949,962	0.094700	19,503,461
Billing Adjustments			
Subtotal Base			24,345,227
COPA Revenue			1,626
Total Revenue			24,346,853
2. RESIDENTIAL TIME OF DAY - (Closed)			
Total Customers	1,406	27.00	37,971
Total Customers >200 Amps	183	31.50	5,759
September - May			
On Peak kWh (8am - 10pm)	1,220,066	0.100000	122,007
Off Peak kWh	1,605,745	0.064000	102,768
kWh June - August	458,333	0.094700	43,404
Subtotal Base	3,284,144		311,908
COPA Revenue			26
Total Revenue			311,934
RESIDENTIAL TIME OF USE (New)			
Total Customers		27.00	0
Total Customers >200 Amps		31.50	0
On Peak kWh		0.113000	0
Off Peak kWh		0.064000	0
Off Peak Periods:			
June, July, August, September	Period between 10:00 PM and 11:00 AM		
Remaining Months	Period between 10:00 PM and 6:00 AM and Period between 12:00 PM and 4:00 PM		
On Peak Periods:	All Other Hours		
3. RESIDENTIAL HEAT RATE			
Total Customers	2,518	31.00	78,068
Total Customers >200 Amps	772	35.50	27,423
All kWh	7,571,345	0.094700	717,006
Heat Credit - Oct-Apr	3,870,244	-0.039810	(154,074)
Billing Adjustments			
Subtotal Base			668,422
COPA Revenue			60
Total Revenue			668,482
1-3 TOTAL RESIDENTIAL	216,805,451		25,327,269

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
4. SEASONAL			
Annual Customers	3,347	324.00	1,084,438
Annual Customers > 200 Amps	5	378.00	1,879
kWh	9,567,164	0.094700	906,010
Billing Adjustments			
Subtotal Base			1,992,327
COPA Revenue			76
Total Revenue			1,992,402
5. GENERAL SERVICE			
Total Customers - Single Phase	32,256	40.00	1,290,248
Total Customers - Three Phase	36,683	45.00	1,650,726
kWh	117,297,304	0.091600	10,744,433
Billing Adjustments			
Subtotal Base			13,685,407
COPA Revenue			926
Total Revenue			13,686,333
6. GENERAL SERVICE TIME OF USE			
Total Customers - Single Phase		40.00	
Total Customers - Three Phase		45.00	
On Peak kWh		0.113000	
Off Peak kWh		0.064000	
Off Peak Periods:			
June, July, August, September			Period between 10:00 PM and 11:00 AM
Remaining Months			Period between 10:00 PM and 6:00 AM and Period between 12:00 PM and 4:00 PM
On Peak Periods:			All Other Hours

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
7. GENERAL SERVICE - CBM (Moved to General Service)			
Total Customers - Single Phase	1,131	40.00	45,227
Total Customers - Three Phase	6,069	45.00	273,120
kWh	21,104,460	0.09160	1,933,169
Capital Cost Recovery (CCR)			
Billing Adjustments			
Subtotal Base			2,251,515
COPA Revenue			167
Total Revenue			2,251,682
8. IRRIGATION			
Total Horsepower	8,618	24.50	211,141
kWh	2,892,793	0.08550	247,334
Billing Adjustments			0
Subtotal Base			458,475
COPA Revenue			23
Total Revenue			458,498

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
9. LARGE POWER			
<u>Secondary</u>			
Total Customers	12,475	200.00	2,495,000
First 50 kW	615,793	3.75	2,309,222
Excess kW	690,611	6.75	4,661,627
First 200 kWh per kW	159,326,895	0.07485	11,925,618
Excess kWh	105,013,576	0.05485	5,759,995
Subtotal Secondary	264,340,471		27,151,462
<u>Primary</u>			
Total Customers	1,623	200.00	324,600
First 50 kW	73,119	3.75	274,195
Excess kW	491,671	6.75	3,318,781
First 200 kWh per kW	95,537,778	0.07485	7,151,003
Excess kWh	131,893,107	0.05485	7,234,337
Primary Service Discount		-3.00%	(539,349)
Subtotal Primary	227,430,885		17,763,566
Billing Adjustments			
Subtotal Base	491,771,356		44,915,027
COPA Revenue			3,883
Total	491,771,356		44,918,910
10. LARGE POWER TIME OF USE			
<u>Retail Rate Component</u>			
Customer Charge		\$ 200.00	
Demand Charge @ Transmission Delivery		\$ 0.77	
Demand Charge @ Substation Delivery		\$ 1.87	
Demand Charge @ Distribution Primary Delivery		\$ 6.02	
Demand Charge @ Distribution Secondary Delivery		\$ 6.22	
<u>Wholesale Rate Component</u>			
Fixed Charge per CP kW @ Transmission Delivery		\$ 19.69	
Fixed Charge per CP kW @ Substation Delivery		\$ 20.07	
Fixed Charge per CP kW @ Distribution Primary Delivery		\$ 20.50	
Fixed Charge per CP kW @ Distribution Secondary Delivery		\$ 21.17	
Energy Charge @ Transmission Delivery		\$ 0.03112	
Energy Charge @ Substation Delivery		\$ 0.03173	
Energy Charge @ Distribution Primary Delivery		\$ 0.03241	
Energy Charge @ Distribution Secondary Delivery		\$ 0.03345	
Off Peak Periods:			
June, July, August, September		Period between 10:00 PM and 11:00 AM	
Remaining Months		Period between 10:00 PM and 6:00 AM and Period between 12:00 PM and 4:00 PM	
On Peak Periods: (CP Demand)		All Other Hours	

POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
11. LARGE POWER - CBM (Moved to Large Power)			
<u>Secondary</u>			
Customers	7,092	200.00	1,418,484
First 50 kW	344,935	3.75	1,293,507
Excess kW	230,852	6.75	1,558,249
First 200 kWh per kW	85,664,632	0.07485	6,411,998
Excess kWh	66,686,281	0.05485	3,657,743
<u>Primary</u>			
Customers	205	200.00	40,916
First 50 kW	9,537	3.75	35,763
Excess kW	91,362	6.75	616,692
First 200 kWh per kW	20,001,181	0.07485	1,497,088
Excess kWh	32,079,370	0.05485	1,759,553
Primary Service Discount Adjustment		-3.00%	(117,273)
Capital Cost Recovery (CCR) Subtotal Base	204,431,464		18,172,720
COPA Revenue			1,614
Total	204,431,464		18,174,334
12. LARGE POWER TRANSMISSION - COAL			
<u>Retail Rate</u>			
Customer (12 Month Sum)	120	4,900.00	588,000
System NCP - Transmission per NCP kW	1,805,329	1.30	2,346,928
Subtotal			2,934,928
<u>Wholesale Rate</u>			
Fixed Charge per CP kW	1,402,413	19.90	27,908,017
kWh @ Sales Level	878,400,157	0.031270	27,467,573
Billing Adjustments	1		
Subtotal			55,375,590
Load Factor			
Base Revenue			58,310,518
COPA Revenue			1,595
Total			58,312,114

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
13. LARGE POWER TRANSMISSION - CBM			
Retail Rate			
Customer (12 Month Sum)	60	1,000.00	60,000
System NCP - Transmission per NCP kW	93,838	2.85	267,439
Subtotal			327,439
Wholesale Rate			
Fixed Charge per CP kW	83,442	19.99	1,668,006
kWh @ Sales Level	57,204,953	0.031220	1,785,939
Subtotal	Load Factor		3,453,944
Base Revenue			3,781,384
COPA Revenue			547
Total			3,781,931
14. LARGE POWER TRANSMISSION - GENERAL (Closed - Moved to LP TOU)			
Retail Rate			
Customer (12 Month Sum)	12	200.00	2,400
System NCP - Transmission per NCP kW	20,943	0.77	16,126
Subtotal			18,526
Wholesale Rate			
Fixed Charge per CP kW	12,671	19.69	249,491
kWh @ Sales Level	7,785,554	0.031120	242,286
Subtotal			491,778
Base Revenue			510,304
COPA Revenue			97
Total			510,401
15. STREET LIGHTING			
100 Watt High Pressure Sodium	52 kWh	240	9.55
150 Watt High Pressure Sodium	78 kWh	1,908	9.55
175 Watt Mercury Vapor	82 kWh	2,724	9.55
400 Watt Mercury Vapor	172 kWh	516	16.55
400 Watt High Pressure Sodium	188 kWh	2,307	16.55
Subtotal Base		7,695	93,248
COPA Revenue			7
Total Revenue			93,255
Total kWh	903,582		

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED REVENUE**

		<u>Billing</u>			
		<u>Units</u>		<u>Rate</u>	<u>Revenue</u>
16. OUTDOOR LIGHTING					
100 Watt High Pressure Sodium	52 kWh	708		9.55	6,761
150 Watt High Pressure Sodium	78 kWh	192		9.55	1,834
30 - 50 Watt LED	13 kWh			9.60	
175 Watt Mercury Vapor	82 kWh	24,980		9.55	238,559
400 Watt Mercury Vapor	172 kWh	21		16.55	348
400 Watt Hight Pressure Sodium	188 kWh	84		16.55	1,390
Subtotal Base		25,985			248,892
COPA Revenue					17
Total Revenue					248,909
Total kWh		2,153,440			
17. BLACK HILLS ELECTRIC					
Base Revenue		1,118,209			70,853
COPA Revenue					0
Total Revenue					70,853
18. TOTAL SYSTEM					
Base Revenue		2,011,435,887			169,816,228
COPA Revenue					10,664
Other Revenue					3,246,488
Total Revenue					173,073,380

POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED COPA REVENUE WITH PROPOSED BASE COST

Table with columns for description, Billing Units, and Amount. Rows include Adjusted Cost of Power for Adjusted Test Year, Less: Black Hills, Less: Bill Credit, Less: LPT Power Cost (L14), Less: LPT-CBM and LPT-General Power Cost (L22) and (L54), Remainder System Power Cost, Base Power Cost In Rates \$/kWh Sold, Adjusted kWh for Test Year Less LPT, LPT CBM, LPC, Black Hills, Base Power Cost in Rates \$, Recoverable Power Cost (L6 - L10), (Over)/Under Recovery, Total Amount to Include in COPA for Adjusted Test Year, COPA Factor for Remainder of System, Large Power Transmission - LPT, Large Power Transmission - CBM, and Large Power Transmission - General.

**POWDER RIVER ENERGY CORPORATION
CALCULATION OF PROPOSED COPA REVENUE WITH PROPOSED BASE COST**

			<u>Amount</u>
<u>Adjusted COPA Revenue</u>			
Residential	189,237,642	0.000008	1,494
Resi - Non Standard	16,712,320	0.000008	132
Residential ToD	2,802,662	0.000008	22
Res ToD - Non Standard	481,482	0.000008	4
Resi - Heat Rate	5,441,558	0.000008	43
Resi - Heat Rate NS	2,129,787	0.000008	17
Residential	216,805,451		1,712
Seasonal	9,501,685	0.000008	75
Seasonal - Non Standard	65,479	0.000008	1
Seasonal	9,567,164		76
Irrigation	2,892,793	0.000008	23
Gen Serv - 1 Phase	31,679,558	0.000008	250
Gen Serv - 3 Phase	85,617,746	0.000008	676
Total GS	117,297,304		926
Gen Serv - 1Ph CBM	3,486,721	0.000008	28
Gen Serv - 3Ph CBM	17,617,739	0.000008	139
Total Gen Serv - CBM	21,104,460		167
Large Power	491,771,356	0.000008	3,883
LP CBM - Secondary	152,350,913	0.000008	1,203
LP CBM - Primary	52,080,551	0.000008	411
Total LP CBM	204,431,464		1,614
LPT - Coal	878,400,157	0.000002	1,595
LPT - CBM	57,204,953	0.000010	547
LPT - General	7,785,554	0.000013	97
Idle Services	0		0
Black Hills	1,118,209		0
Security Lighting	2,153,440	0.000008	17
Street Lighting	903,582	0.000008	7
Lighting	3,057,022		24
Total	2,011,435,887		10,664

POWDER RIVER ENERGY CORPORATION

SUMMARY OF RATES

	Existing	Proposed	Change
Remainder			
Power Cost, per kWh Sold	\$0.063308	\$0.063308	\$0.000000
COPA Base Cost, per kWh Sold	\$0.057755	\$0.063300	\$0.005545
COPA Factor, per kWh	\$0.005553	\$0.000008	(\$0.005545)
LPT	\$0.002566	\$0.000002	(\$0.002564)
LPT-CBM	\$0.004745	\$0.000010	(\$0.004735)
LPT-General (Moved to LP TOU)	\$0.004745	\$0.000013	(\$0.004732)
Residential			
Customer Charge, Standard	\$25.50	\$27.00	\$1.50
Customer Charge, > 200 Amps	\$30.00	\$31.50	\$1.50
Energy Charge, per kWh	\$0.080875	\$0.094700	\$0.013825
Residential Time of Day			
Customer Charge, Standard	\$25.50	\$27.00	\$1.50
Customer Charge, > 200 Amps	\$30.00	\$31.50	\$1.50
Energy Charge (September - May)			
On-Peak kWh Charge, per kWh	\$0.084180	\$0.100000	\$0.015820
Off-Peak kWh Charge, per kWh	\$0.059800	\$0.064000	\$0.004200
Energy Charge (June-August), per kWh	\$0.080875	\$0.094700	\$0.013825
Residential Heat Rate			
Customer Charge, Standard	\$27.50	\$31.00	\$3.50
Customer Charge, > 200 Amps	\$32.50	\$35.50	\$3.00
Energy Charge, per kWh	\$0.080875	\$0.094700	\$0.013825
Heat Credit (October - April), per kWh	(\$0.039810)	(\$0.039810)	\$0.000000
General Service			
Customer Charge, Single Phase	\$35.00	\$40.00	\$5.00
Customer Charge, Three Phase	\$40.00	\$45.00	\$5.00
Energy Charge, per kWh	\$0.079500	\$0.091600	\$0.012100
General Service - CBM (Moved to General Service)			
Customer Charge, Single Phase	\$40.00	\$40.00	\$0.00
Customer Charge, Three Phase	\$45.00	\$45.00	\$0.00
Energy Charge, per kWh	\$0.098130	\$0.091600	(\$0.006530)

POWDER RIVER ENERGY CORPORATION

SUMMARY OF RATES

	Existing	Proposed	Change
Remainder			
Power Cost, per kWh Sold	\$0.063308	\$0.063308	\$0.000000
COPA Base Cost, per kWh Sold	\$0.057755	\$0.063300	\$0.005545
COPA Factor, per kWh	\$0.005553	\$0.000008	(\$0.005545)
LPT	\$0.002566	\$0.000002	(\$0.002564)
LPT-CBM	\$0.004745	\$0.000010	(\$0.004735)
LPT-General (Moved to LP TOU)	\$0.004745	\$0.000013	(\$0.004732)
Irrigation			
Horsepower Charge, per HP	\$22.50	\$24.50	\$2.00
Energy Charge, per kWh	\$0.077500	\$0.085500	\$0.008000
Large Power			
Customer Charge	\$175.00	\$200.00	\$25.00
Demand Charge, per Billing kW			
First 50 kW per month	\$3.25	\$3.75	\$0.50
Over 50 kW per month	\$6.25	\$6.75	\$0.50
Energy Charge, per kWh			
First 200 kWh per billing kW	\$0.066050	\$0.074850	\$0.008800
Over 200 kWh per billing kW	\$0.046050	\$0.054850	\$0.008800
Large Power - CBM (Moved to Large Power)			
Customer Charge, Secondary	\$225.00	\$200.00	(\$25.00)
Customer Charge, Primary	\$260.00	\$200.00	(\$60.00)
Demand Charge, per Billing kW			
First 50 kW per month	\$4.86	\$3.75	(\$1.11)
Over 50 kW per month	\$8.86	\$6.75	(\$2.11)
Energy Charge, per kWh			
First 200 kWh per billing kW	\$0.061730	\$0.074850	\$0.013120
Over 200 kWh per billing kW	\$0.041730	\$0.054850	\$0.013120
Primary Service Demand Discount, per Billing kW	\$0.43	\$0.00	
Primary Service Energy Discount	-3%	-3%	
Large Power Transmission - Coal			
Customer Charge	\$1,000.00	\$4,900.00	\$3,900.00
Retail NCP Demand Charge, per NCP Billing kW	\$0.90	\$1.30	\$0.40
Wholesale CP Demand Charge, per CP Billing kW	\$15.00	\$19.90	\$4.90
Energy Charge, per kWh	\$0.029990	\$0.031270	\$0.001280
COPA Charge, per kWh	\$0.002566	\$0.000002	(\$0.002564)

POWDER RIVER ENERGY CORPORATION

SUMMARY OF RATES

	Existing	Proposed	Change	
Remainder				
Power Cost, per kWh Sold	\$0.063308	\$0.063308	\$0.000000	
COPA Base Cost, per kWh Sold	\$0.057755	\$0.063300	\$0.005545	
COPA Factor, per kWh	\$0.005553	\$0.000008	(\$0.005545)	
LPT	\$0.002566	\$0.000002	(\$0.002564)	
LPT-CBM	\$0.004745	\$0.000010	(\$0.004735)	
LPT-General (Moved to LP TOU)	\$0.004745	\$0.000013	(\$0.004732)	
Large Power Transmission - CBM				
Customer Charge	\$1,000.00	\$1,000.00	\$0.00	
Retail NCP Demand Charge, per NCP Billing kW	\$1.50	\$2.85	\$1.35	
Wholesale CP Demand Charge, per CP Billing kW	\$18.10	\$19.99	\$1.89	
Energy Charge, per kWh	\$0.029100	\$0.031220	\$0.002120	
COPA Charge, per kWh	\$0.004745	\$0.000010	(\$0.004735)	
Large Power Trans - General (Moved LP TOU)				
Customer Charge	\$300.00	\$225.00	(\$75.00)	
Retail NCP Demand Charge, per NCP Billing kW	\$0.70	\$0.77	\$0.07	
Wholesale CP Demand Charge, per CP Billing kW	\$18.10	\$19.69	\$1.59	
Energy Charge, per kWh	\$0.028095	\$0.031120	\$0.003025	
COPA Charge, per kWh	\$0.004745	\$0.000013	(\$0.004732)	
Street/Area Lighting				
100 Watts MV	52 kWh/Mo	\$9.00	\$9.55	\$0.55
150 Watts MV	78 kWh/Mo	\$9.00	\$9.55	\$0.55
175 Watts HPS	82 kWh/Mo	\$9.00	\$9.55	\$0.55
400 Watts HPS	172 kWh/Mo	\$16.00	\$16.55	\$0.55
400 Watts HPS	188 kWh/Mo	\$16.00	\$16.55	\$0.55

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
RESIDENTIAL - 200 AMPS AND LOWER

<u>kWh Usage</u>	<u>Consumers in Block</u>	<u>Existing</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Customer Charge		\$25.50	\$27.00	\$1.50	5.88%
kWh		\$0.080875	\$0.094700	\$0.013825	17.09%
COPA Factor, per kWh		\$0.005553	\$0.000008	(\$0.005545)	
Total kWh, per kWh		\$0.086428	\$0.094708	\$0.008280	9.58%
<hr/>					
50	619	\$29.82	\$31.74	\$1.92	6.44%
100	357	\$34.14	\$36.47	\$2.33	6.82%
300	1,050	\$51.43	\$55.41	\$3.98	7.74%
500	1,154	\$68.71	\$74.35	\$5.64	8.21%
800	2,107	\$94.64	\$102.77	\$8.13	8.59%
1,000	1,402	\$111.93	\$121.71	\$9.78	8.74%
2,000	4,076	\$198.36	\$216.42	\$18.06	9.10%
3,000	1,336	\$284.78	\$311.12	\$26.34	9.25%
4,000	567	\$371.21	\$405.83	\$34.62	9.33%
5,000	254	\$457.64	\$500.54	\$42.90	9.37%
1,175	Average	\$127.05	\$138.28	\$11.23	8.84%

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
SEASONAL - ANNUAL BILL

Annual kWh Usage	Existing	Proposed	Change	Percent Change
Customer Charge	\$306.00	\$324.00	\$18.00	5.88%
Energy Charge, per kWh	\$0.080875	\$0.094700	\$0.013825	17.09%
COPA Factor, per kWh	\$0.005553	\$0.000008	(\$0.005545)	
Total kWh, per kWh	\$0.086428	\$0.094708	\$0.008280	9.58%
<hr/>				
250	\$327.61	\$347.68	\$20.07	6.13%
500	\$349.21	\$371.35	\$22.14	6.34%
750	\$370.82	\$395.03	\$24.21	6.53%
1,000	\$392.43	\$418.71	\$26.28	6.70%
1,500	\$435.64	\$466.06	\$30.42	6.98%
2,000	\$478.86	\$513.42	\$34.56	7.22%
2,500	\$522.07	\$560.77	\$38.70	7.41%
3,000	\$565.28	\$608.12	\$42.84	7.58%
4,000	\$651.71	\$702.83	\$51.12	7.84%
5,000	\$738.14	\$797.54	\$59.40	8.05%
2,851 Average	\$552.41	\$594.01	\$41.60	7.53%

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
GENERAL SERVICE

<u>kWh Usage</u>	<u>Consumers in Block</u>	<u>Existing</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Customer Charge, Single Phase		\$35.00	\$40.00	\$5.00	14.29%
Customer Charge, Three Phase		\$40.00	\$45.00	\$5.00	12.50%
Energy Charge, per kWh		\$0.079500	\$0.091600	\$0.012100	15.22%
COPA Factor, per kWh		\$0.005553	\$0.000008	(\$0.005545)	-99.86%
Total kWh, per kWh		\$0.085053	\$0.091608	\$0.006555	7.71%
Single Phase					
50	301	\$39.25	\$44.58	\$5.33	13.58%
100	201	\$43.51	\$49.16	\$5.65	12.99%
300	439	\$60.52	\$67.48	\$6.96	11.50%
500	221	\$77.53	\$85.80	\$8.27	10.67%
800	213	\$103.04	\$113.29	\$10.25	9.95%
1,000	100	\$120.05	\$131.61	\$11.56	9.63%
1,500	325	\$162.58	\$177.41	\$14.83	9.12%
2,000	176	\$205.11	\$223.22	\$18.11	8.83%
3,000	92	\$290.16	\$314.82	\$24.66	8.50%
5,000	56	\$460.27	\$498.04	\$37.77	8.21%
994	Average	\$119.54	\$131.06	\$11.52	9.64%
Three Phase					
50	155	\$44.25	\$49.58	\$5.33	12.05%
100	134	\$48.51	\$54.16	\$5.65	11.65%
300	378	\$65.52	\$72.48	\$6.96	10.62%
500	174	\$82.53	\$90.80	\$8.27	10.02%
800	157	\$108.04	\$118.29	\$10.25	9.49%
1,000	86	\$125.05	\$136.61	\$11.56	9.24%
1,500	314	\$167.58	\$182.41	\$14.83	8.85%
4,000	398	\$380.21	\$411.43	\$31.22	8.21%
6,000	219	\$550.32	\$594.65	\$44.33	8.06%
8,000	136	\$720.42	\$777.86	\$57.44	7.97%
2,365	Average	\$241.15	\$261.65	\$20.50	8.50%

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
GENERAL SERVICE-CBM

<u>kWh Usage</u>	<u>Existing</u>	<u>Proposed</u>	<u>Change</u>	<u>Percent Change</u>
Customer Charge, Single Phase	\$40.00	\$40.00	\$0.00	0.00%
Customer Charge, Three Phase	\$45.00	\$45.00	\$0.00	0.00%
Energy Charge, per kWh	\$0.098130	\$0.091600	(\$0.006530)	-6.65%
COPA Factor, per kWh	\$0.005553	\$0.000008	(\$0.005545)	
Total kWh Charge, per kWh	\$0.103683	\$0.091608	(\$0.012075)	-11.65%
Single Phase				
50	\$45.18	\$44.58	(\$0.60)	-1.33%
100	\$50.37	\$49.16	(\$1.21)	-2.40%
300	\$71.10	\$67.48	(\$3.62)	-5.09%
500	\$91.84	\$85.80	(\$6.04)	-6.58%
730	\$115.69	\$106.87	(\$8.82)	-7.62%
3,285	\$380.60	\$340.93	(\$39.67)	-10.42%
9,855	\$1,061.80	\$942.80	(\$119.00)	-11.21%
16,425	\$1,742.99	\$1,544.66	(\$198.33)	-11.38%
22,995	\$2,424.19	\$2,146.53	(\$277.66)	-11.45%
29,565	\$3,105.39	\$2,748.39	(\$357.00)	-11.50%
3,124 Average	\$363.91	\$326.18	(\$37.73)	-10.37%
Three Phase				
50	\$50.18	\$49.58	(\$0.60)	-1.20%
100	\$55.37	\$54.16	(\$1.21)	-2.19%
300	\$76.10	\$72.48	(\$3.62)	-4.76%
500	\$96.84	\$90.80	(\$6.04)	-6.24%
730	\$120.69	\$111.87	(\$8.82)	-7.31%
3,285	\$385.60	\$345.93	(\$39.67)	-10.29%
9,855	\$1,066.80	\$947.80	(\$119.00)	-11.15%
16,425	\$1,747.99	\$1,549.66	(\$198.33)	-11.35%
22,995	\$2,429.19	\$2,151.53	(\$277.66)	-11.43%
29,565	\$3,110.39	\$2,753.39	(\$357.00)	-11.48%
2,943 Average	\$350.14	\$314.60	(\$35.54)	-10.15%

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
IRRIGATION

<u>Load Factor</u>	<u>Installed HP</u>	<u>kW</u>	<u>Annual kWh</u>	<u>Existing Rate</u>	<u>Proposed Rate</u>	<u>Change</u>	<u>Percent Change</u>
Installed HP				\$22.50	\$24.50	\$2.00	8.89%
Energy Charge, per kWh							
Energy Charge, per kWh				\$0.077500	\$0.085500	\$0.008000	10.32%
COPA Factor, per kWh				\$0.005553	\$0.000008	(\$0.005545)	
Total kWh Charge, per kWh				\$0.083053	\$0.085508	\$0.002455	2.96%
<hr/>							
5.00%	10.00	7.46	4,380	\$588.77	\$619.53	\$30.76	5.22%
10.00%	10.00	7.46	8,760	\$952.54	\$994.05	\$41.51	4.36%
20.00%	10.00	7.46	17,520	\$1,680.09	\$1,743.10	\$63.01	3.75%
30.00%	10.00	7.46	26,280	\$2,407.63	\$2,492.15	\$84.52	3.51%
50.00%	10.00	7.46	43,800	\$3,862.72	\$3,990.25	\$127.53	3.30%
5.00%	25.00	18.65	10,950	\$1,471.93	\$1,548.81	\$76.88	5.22%
10.00%	25.00	18.65	21,900	\$2,381.36	\$2,485.13	\$103.77	4.36%
20.00%	25.00	18.65	43,800	\$4,200.22	\$4,357.75	\$157.53	3.75%
30.00%	25.00	18.65	65,700	\$6,019.08	\$6,230.38	\$211.30	3.51%
50.00%	25.00	18.65	109,500	\$9,656.80	\$9,975.63	\$318.83	3.30%
5.00%	50.00	37.30	21,900	\$2,943.86	\$3,097.63	\$153.77	5.22%
10.00%	50.00	37.30	43,800	\$4,762.72	\$4,970.25	\$207.53	4.36%
20.00%	50.00	37.30	87,600	\$8,400.44	\$8,715.50	\$315.06	3.75%
30.00%	50.00	37.30	131,400	\$12,038.16	\$12,460.75	\$422.59	3.51%
50.00%	50.00	37.30	219,000	\$19,313.61	\$19,951.25	\$637.64	3.30%
5.00%	75.00	55.95	32,850	\$4,415.79	\$4,646.44	\$230.65	5.22%
10.00%	75.00	55.95	65,700	\$7,144.08	\$7,455.38	\$311.30	4.36%
20.00%	75.00	55.95	131,400	\$12,800.66	\$13,073.25	\$472.59	3.75%
30.00%	75.00	55.95	197,100	\$18,057.25	\$18,691.13	\$633.88	3.51%
50.00%	75.00	55.95	328,500	\$28,970.41	\$29,926.88	\$956.47	3.30%

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
LARGE POWER

<u>Load Factor</u>	<u>Billing kW</u>	<u>kWh</u>	<u>Existing Rate</u>	<u>Proposed Rate</u>	<u>Change</u>	<u>Percent Change</u>
Customer Charge			\$175.00	\$200.00	\$25.00	14.29%
Demand Charge, per Billing kW						
First 50 Billing kW			\$3.25	\$3.75	\$0.50	15.38%
Next 50 Billing kW			\$6.25	\$6.75	\$0.50	8.00%
Energy Charge, per kWh						
First 200 kWh per Billing kW			\$0.066050	\$0.074850	\$0.008800	13.32%
Over 200 kWh per Billing kW			\$0.046050	\$0.054850	\$0.008800	19.11%
COPA Factor, per kWh			\$0.005553	\$0.000008	(\$0.005545)	-99.86%
<hr/>						
10.00%	50	3,650	\$598.85	\$660.73	\$61.88	10.33%
30.00%	50	10,950	\$1,102.55	\$1,188.20	\$85.65	7.77%
50.00%	50	18,250	\$1,479.25	\$1,588.66	\$109.41	7.40%
70.00%	50	25,550	\$1,855.96	\$1,989.12	\$133.16	7.17%
90.00%	50	32,850	\$2,232.66	\$2,389.59	\$156.93	7.03%
10.00%	75	5,475	\$885.78	\$966.10	\$80.32	9.07%
30.00%	75	16,425	\$1,641.33	\$1,757.29	\$115.96	7.07%
50.00%	75	27,375	\$2,206.38	\$2,357.99	\$151.61	6.87%
70.00%	75	38,325	\$2,771.43	\$2,958.68	\$187.25	6.76%
90.00%	75	49,275	\$3,336.49	\$3,559.38	\$222.89	6.68%
10.00%	150	10,950	\$1,746.55	\$1,882.20	\$135.65	7.77%
30.00%	150	32,850	\$3,257.66	\$3,464.59	\$206.93	6.35%
50.00%	150	54,750	\$4,387.76	\$4,665.98	\$278.22	6.34%
70.00%	150	76,650	\$5,517.87	\$5,867.37	\$349.50	6.33%
90.00%	150	98,550	\$6,647.98	\$7,068.76	\$420.78	6.33%
10.00%	250	18,250	\$2,894.25	\$3,103.66	\$209.41	7.24%
30.00%	250	54,750	\$5,412.76	\$5,740.98	\$328.22	6.06%
50.00%	250	91,250	\$7,296.27	\$7,743.29	\$447.02	6.13%
70.00%	250	127,750	\$9,179.78	\$9,745.61	\$565.83	6.16%
90.00%	250	164,250	\$11,063.29	\$11,747.93	\$684.64	6.19%
35.97% Avg	133	34,923	\$3,190.38	\$3,395.56	\$205.18	6.43%

**POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
LARGE POWER-CBM (SEC)**

<u>Load Factor</u>	<u>Existing Billing kW</u>	<u>kWh</u>	<u>Existing Rate</u>	<u>Proposed Rate</u>	<u>Change</u>	<u>Percent Change</u>
Customer Charge			\$225.00	\$200.00	(\$25.00)	-11.11%
Demand Charge, per Billing kW						
First 50 Billing kW			\$4.86	\$3.75	(\$1.11)	-22.84%
Next 50 Billing kW			\$8.86	\$6.75	(\$2.11)	-23.81%
Energy Charge, per kWh						
First 200 kWh per Billing kW			\$0.061730	\$0.074850	\$0.013120	21.25%
Over 200 kWh per Billing kW			\$0.041730	\$0.054850	\$0.013120	31.44%
COPA Factor, per kWh			\$0.005553	\$0.000008	(\$0.005545)	-99.86%
<hr/>						
10.00%	45	3,285	\$664.72	\$614.66	(\$50.06)	-7.53%
30.00%	45	9,855	\$1,089.67	\$1,089.38	(\$0.29)	-0.03%
50.00%	45	16,425	\$1,400.32	\$1,449.79	\$49.47	3.53%
70.00%	45	22,995	\$1,710.97	\$1,810.21	\$99.24	5.80%
90.00%	45	29,565	\$2,021.62	\$2,170.63	\$149.01	7.37%
10.00%	75	5,475	\$1,057.87	\$966.10	(\$91.77)	-8.67%
30.00%	75	16,425	\$1,766.12	\$1,757.29	(\$8.83)	-0.50%
50.00%	75	27,375	\$2,283.87	\$2,357.99	\$74.12	3.25%
70.00%	75	38,325	\$2,801.62	\$2,958.68	\$157.06	5.61%
90.00%	75	49,275	\$3,319.37	\$3,559.38	\$240.01	7.23%
10.00%	150	10,950	\$2,090.75	\$1,882.20	(\$208.55)	-9.97%
30.00%	150	32,850	\$3,507.25	\$3,464.59	(\$42.66)	-1.22%
50.00%	150	54,750	\$4,542.74	\$4,665.98	\$123.24	2.71%
70.00%	150	76,650	\$5,578.24	\$5,867.37	\$289.13	5.18%
90.00%	150	98,550	\$6,613.74	\$7,068.76	\$455.02	6.88%
10.00%	250	18,250	\$3,467.91	\$3,103.66	(\$364.25)	-10.50%
30.00%	250	54,750	\$5,828.74	\$5,740.98	(\$87.76)	-1.51%
50.00%	250	91,250	\$7,554.57	\$7,743.29	\$188.72	2.50%
70.00%	250	127,750	\$9,280.40	\$9,745.61	\$465.21	5.01%
90.00%	250	164,250	\$11,006.23	\$11,747.93	\$741.70	6.74%
41.38% Avg	91.89	27,758	\$2,519.19	\$2,560.57	\$41.38	1.64%

POWDER RIVER ENERGY CORPORATION

LARGE POWER TRANSMISSION

Load Factor	NCP kW	CP kW	kWh	Existing Rate	Proposed Rate	Change	Percent Change
Customer Charge, per Consumer				\$1,000.00	\$4,900.00	\$3,900.00	390.00%
Retail NCP Charge, per kW				\$0.90	\$1.30	\$0.40	44.44%
Wholesale NCP Charge, per kW				\$15.00		(\$15.00)	-100.00%
Wholesale CP Charge, per kW				\$0.03	\$19.90	\$19.87	66255.45%
Energy Charge, per kWh				\$0.029990	\$0.031270	\$0.001280	4.27%
COPA Factor, per kWh				\$0.002566	\$0.000002	(\$0.002564)	
<hr/>							
Diversity		77.57%					
50.00%	5,000.00	3,878.50	1,825,000	\$139,914.70	\$145,653.55	\$5,738.85	4.10%
60.00%	5,000.00	3,878.50	2,190,000	\$151,797.64	\$157,067.83	\$5,270.19	3.47%
70.00%	5,000.00	3,878.50	2,555,000	\$163,680.58	\$168,482.11	\$4,801.53	2.93%
80.00%	5,000.00	3,878.50	2,920,000	\$175,563.52	\$179,896.39	\$4,332.87	2.47%
90.00%	5,000.00	3,878.50	3,285,000	\$187,446.46	\$191,310.67	\$3,864.21	2.06%
50.00%	10,000.00	7,757.00	3,650,000	\$278,829.40	\$286,407.10	\$7,577.70	2.72%
60.00%	10,000.00	7,757.00	4,380,000	\$302,595.28	\$309,235.66	\$6,640.38	2.19%
70.00%	10,000.00	7,757.00	5,110,000	\$326,361.16	\$332,064.22	\$5,703.06	1.75%
80.00%	10,000.00	7,757.00	5,840,000	\$350,127.04	\$354,892.78	\$4,765.74	1.36%
90.00%	10,000.00	7,757.00	6,570,000	\$373,892.92	\$377,721.34	\$3,828.42	1.02%
50.00%	20,000.00	15,514.00	7,300,000	\$556,658.80	\$567,914.20	\$11,255.40	2.02%
60.00%	20,000.00	15,514.00	8,760,000	\$604,190.56	\$613,571.32	\$9,380.76	1.55%
70.00%	20,000.00	15,514.00	10,220,000	\$651,722.32	\$659,228.44	\$7,506.12	1.15%
80.00%	20,000.00	15,514.00	11,680,000	\$699,254.08	\$704,885.56	\$5,631.48	0.81%
90.00%	20,000.00	15,514.00	13,140,000	\$746,785.84	\$750,542.68	\$3,756.84	0.50%
50.00%	40,000.00	31,028.00	14,600,000	\$1,112,317.60	\$1,130,928.40	\$18,610.80	1.67%
60.00%	40,000.00	31,028.00	17,520,000	\$1,207,381.12	\$1,222,242.64	\$14,861.52	1.23%
70.00%	40,000.00	31,028.00	20,440,000	\$1,302,444.64	\$1,313,556.88	\$11,112.24	0.85%
80.00%	40,000.00	31,028.00	23,360,000	\$1,397,508.16	\$1,404,871.12	\$7,362.96	0.53%
90.00%	40,000.00	31,028.00	26,280,000	\$1,492,571.68	\$1,496,185.36	\$3,613.68	0.24%

Schedule O-8.0

PRECorp/2019 General Rate Case
HA001034

POWDER RIVER ENERGY CORPORATION

LARGE POWER TRANSMISSION - CBM

<u>Load Factor</u>	<u>NCP kW</u>	<u>CP kW</u> 86.5%	<u>kWh</u>	<u>Existing Rate</u>	<u>Proposed Rate</u>	<u>Change</u>	<u>Percent Change</u>
Customer Charge, per Consumer				\$1,000.00	\$1,000.00	\$0.00	0.00%
Retail NCP Charge, per kW				\$1.50	\$2.85	\$1.35	90.00%
Wholesale NCP Charge, per kW				\$18.10	\$19.99	\$1.89	10.44%
Energy Charge, per kWh				\$0.029100	\$0.031220	\$0.002120	7.29%
COPA Factor, per kWh				\$0.004745	\$0.000010	(\$0.004735)	
<hr/>							
60.00%	1,000.00	865.00	438,000	\$32,980.61	\$34,820.09	\$1,839.48	5.58%
70.00%	1,000.00	865.00	511,000	\$35,451.30	\$37,099.88	\$1,648.58	4.65%
80.00%	1,000.00	865.00	584,000	\$37,921.98	\$39,379.67	\$1,457.69	3.84%
90.00%	1,000.00	865.00	657,000	\$40,392.67	\$41,659.46	\$1,266.79	3.14%
60.00%	3,000.00	2,595.00	1,314,000	\$96,941.83	\$102,460.27	\$5,518.44	5.69%
70.00%	3,000.00	2,595.00	1,533,000	\$104,353.89	\$109,299.64	\$4,945.75	4.74%
80.00%	3,000.00	2,595.00	1,752,000	\$111,765.94	\$116,139.01	\$4,373.07	3.91%
90.00%	3,000.00	2,595.00	1,971,000	\$119,178.00	\$122,978.38	\$3,800.38	3.19%

POWDER RIVER ENERGY CORPORATION
COMPARISON OF EXISTING AND PROPOSED RATES
LIGHTING

Lamp	Existing			Proposed			Change	Percent Change	
	Base Rate	COPA per kWh	Billing w/ COPA	Base Rate	COPA per kWh	Billing w/ COPA			
Street Lighting									
100 Watts HPS	52 kWh	\$9.00	\$0.005553	\$9.29	\$9.55	\$0.000008	\$9.55	\$0.26	2.80%
150 Watts HPS	78 kWh	\$9.00	\$0.005553	\$9.43	\$9.55	\$0.000008	\$9.55	\$0.12	1.27%
175 Watts MV	82 kWh	\$9.00	\$0.005553	\$9.46	\$9.55	\$0.000008	\$9.55	\$0.09	0.95%
400 Watts MV	172 kWh	\$16.00	\$0.005553	\$16.96	\$16.55	\$0.000008	\$16.55	(\$0.41)	-2.42%
400 Watts HPS	188 kWh	\$16.00	\$0.005553	\$17.04	\$16.55	\$0.000008	\$16.55	(\$0.49)	-2.88%
Outdoor Lightitng									
100 Watts HPS	52 kWh	\$9.00	\$0.005553	\$9.29	\$9.55	\$0.000008	\$9.55	\$0.26	2.80%
150 Watts HPS	78 kWh	\$9.00	\$0.005553	\$9.43	\$9.55	\$0.000000	\$9.55	\$0.12	1.27%
175 Watts MV	82 kWh	\$9.00	\$0.005553	\$9.46	\$9.55	\$0.000008	\$9.55	\$0.09	0.95%
400 Watts MV	172 kWh	\$16.00	\$0.005553	\$16.96	\$16.55	\$0.000008	\$16.55	(\$0.41)	-2.42%
400 Watts HPS	188 kWh	\$16.00	\$0.005553	\$17.04	\$16.55	\$0.000008	\$16.55	(\$0.49)	-2.88%

Section P

POWDER RIVER ENERGY CORPORATION

CUSTOMER DATA

Irrigation
Large Power - Secondary
Large Power - Primary

09/05/2019 09:38:09 AM

**Powder River Electric Cooperative, Inc.
Irrigation**

Page 1

Customer	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Customers	56	51	62	74	141	171	205	199	183	84	66	49	1,341
Installed HP	7,979.00	7,606.00	8,618.00	3,057.00	8,318.00	8,274.00	8,646.00	8,455.00	8,167.00	4,654.00	7,145.00	6,384.00	87,303.00
Operating HP	1,976.00	1,783.00	2,388.00	2,801.00	5,469.00	6,649.00	7,912.00	7,768.00	7,268.00	3,372.00	2,685.00	1,959.00	52,028.00
Energy kWh	8,915	6,510	10,013	13,010	327,308	631,716	1,166,761	1,239,131	703,656	36,750	18,783	6,570	4,169,123
Revenue	740.65	560.39	186,914.32	4,316.35	34,765.09	57,655.97	100,753.77	106,982.44	58,436.04	2,576.91	1,616.77	560.06	555,878.76
Load Factor - %	0.81	0.73	0.76	0.86	10.78	17.69	26.57	28.75	18.02	1.96	1.30	0.60	14.71

Operating HP based on kWh per HP > 0.00.

09/05/2019 09:38:19 AM

**Powder River Electric Cooperative, Inc.
Large Power - Secondary**

Page 1

Customer	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Customers	1,028	1,030	1,028	1,027	1,029	1,033	1,044	1,035	1,028	1,028	1,030	1,047	12,387
Metered kW	56,782.77	55,497.00	54,721.49	54,224.76	51,884.39	49,981.32	48,699.16	49,768.98	50,368.41	51,700.59	51,887.69	54,172.89	629,689.45
Load Factor - %	62.03	57.22	61.03	56.17	53.97	59.77	55.96	55.86	60.45	54.89	63.61	54.73	57.74
Billing kW	112,827.61	112,157.13	110,517.68	110,451.00	109,862.26	109,455.49	110,013.44	108,051.40	107,098.72	107,079.70	106,946.59	109,383.94	1,313,844.96
Load Factor - %	31.22	28.31	30.22	27.58	25.49	27.29	24.77	25.73	28.43	26.50	30.86	27.11	27.67
Energy kWh	26,205,497	21,338,216	24,848,383	21,929,692	20,832,669	21,509,847	20,276,940	20,685,633	21,921,994	21,112,865	23,762,967	22,060,017	266,484,720
Revenue	2,463,667.55	2,165,468.99	2,360,617.73	2,183,573.38	2,094,481.92	2,134,178.69	2,039,641.31	2,065,022.27	2,139,955.72	2,101,928.59	2,264,429.87	2,179,665.07	26,192,631.09

Billing kW values were entered.
Active Status based on kWh or Revenue.

**Powder River Electric Cooperative, Inc.
Large Power - Secondary**

Customers

	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Active	1,028	1,030	1,028	1,027	1,029	1,033	1,044	1,035	1,028	1,028	1,030	1,047	12,387
Total	1,029	1,030	1,028	1,027	1,029	1,034	1,044	1,037	1,028	1,029	1,031	1,048	12,394

Active Status based on kWh or Revenue.

Demand Billing Units - kW

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	50	51,400.00	51,450.00	51,400.00	51,350.00	51,450.00	51,650.00	52,200.00	51,750.00	51,400.00	51,450.00	51,450.00	52,350.00	619,300.00
2	Excess	61,427.61	60,707.13	59,117.68	59,101.00	58,412.26	57,805.49	57,813.44	56,301.40	55,698.72	55,629.70	55,496.59	57,033.94	694,544.96
Totals		112,827.61	112,157.13	110,517.68	110,451.00	109,862.26	109,455.49	110,013.44	108,051.40	107,098.72	107,079.70	106,946.59	109,383.94	1,313,844.96

Billing kW values were entered.
Active Status based on kWh or Revenue.

Energy Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	All	26,205,497	21,338,216	24,848,383	21,929,692	20,832,669	21,509,847	20,276,940	20,685,633	21,921,994	21,112,865	23,762,967	22,060,017	266,484,720
Totals		26,205,497	21,338,216	24,848,383	21,929,692	20,832,669	21,509,847	20,276,940	20,685,633	21,921,994	21,112,865	23,762,967	22,060,017	266,484,720

Billing kW values were entered.
Active Status based on kWh or Revenue.

Hours Use Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	200	15,173,171	14,041,813	14,604,351	13,758,694	12,796,689	12,748,889	12,214,894	12,379,046	12,472,283	12,920,651	13,709,588	13,799,237	160,619,306
2	Excess	11,032,326	7,296,403	10,244,032	8,170,998	8,035,980	8,760,958	8,062,046	8,306,587	9,449,711	8,192,214	10,053,379	8,260,780	105,865,414
Totals		26,205,497	21,338,216	24,848,383	21,929,692	20,832,669	21,509,847	20,276,940	20,685,633	21,921,994	21,112,865	23,762,967	22,060,017	266,484,720

Billing kW values were entered.
Active Status based on kWh or Revenue.

09/05/2019 09:38:32 AM

**Powder River Electric Cooperative, Inc.
Large Power - Primary**

Page 1

Customer	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Customers	109	111	112	115	118	118	121	122	135	135	136	137	1,469
Metered kW	37,313.32	37,243.72	37,010.32	36,504.44	35,429.46	33,279.36	34,401.02	34,225.16	35,140.64	35,791.44	35,915.84	34,934.62	427,189.34
Load Factor - %	78.69	77.17	77.07	70.24	71.63	72.44	70.54	72.02	76.74	69.46	75.48	69.92	73.16
Billing kW	45,993.39	46,075.70	46,151.18	45,849.87	45,904.60	45,205.26	47,430.00	47,341.61	49,437.70	49,467.13	48,976.57	49,516.70	567,349.71
Load Factor - %	63.84	62.38	61.81	55.93	55.29	53.33	51.16	52.07	54.55	50.26	55.35	49.33	55.06
Energy kWh	21,843,840	19,313,920	21,222,520	18,462,520	18,882,000	17,356,980	18,053,360	18,339,220	19,415,840	18,495,820	19,519,380	18,172,680	229,078,080
Revenue	1,624,164.81	1,485,738.56	1,593,530.74	1,434,312.92	1,459,143.14	1,362,419.29	1,421,042.18	1,437,132.37	1,523,216.18	1,471,211.79	1,526,750.97	1,446,563.62	17,785,226.57

Billing kW values were entered.
Active Status based on kWh or Revenue.

**Powder River Electric Cooperative, Inc.
Large Power - Primary**

Customers

	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Active	109	111	112	115	118	118	121	122	135	135	136	137	1,469
Total	109	111	112	115	118	118	121	122	135	135	136	137	1,469

Active Status based on kWh or Revenue.

Demand Billing Units - kW

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	50	5,450.00	5,550.00	5,600.00	5,750.00	5,900.00	5,900.00	6,050.00	6,100.00	6,750.00	6,750.00	6,800.00	6,850.00	73,450.00
2	Excess	40,543.39	40,525.70	40,551.18	40,099.87	40,004.60	39,305.26	41,380.00	41,241.61	42,687.70	42,717.13	42,176.57	42,666.70	493,899.71
Totals		45,993.39	46,075.70	46,151.18	45,849.87	45,904.60	45,205.26	47,430.00	47,341.61	49,437.70	49,467.13	48,976.57	49,516.70	567,349.71

Billing kW values were entered.
Active Status based on kWh or Revenue.

Energy Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	All	21,843,840	19,313,920	21,222,520	18,462,520	18,882,000	17,356,980	18,053,360	18,339,220	19,415,840	18,495,820	19,519,380	18,172,680	229,078,080
Totals		21,843,840	19,313,920	21,222,520	18,462,520	18,882,000	17,356,980	18,053,360	18,339,220	19,415,840	18,495,820	19,519,380	18,172,680	229,078,080

Hours Use Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	200	7,946,488	7,946,658	8,095,540	7,772,368	7,846,736	7,416,294	7,817,678	7,867,884	8,304,676	8,527,730	8,519,728	8,167,942	96,229,722
2	Excess	13,897,352	11,367,262	13,126,980	10,690,152	11,035,264	9,940,686	10,235,682	10,471,336	11,111,164	9,968,090	10,999,652	10,004,738	132,848,358
Totals		21,843,840	19,313,920	21,222,520	18,462,520	18,882,000	17,356,980	18,053,360	18,339,220	19,415,840	18,495,820	19,519,380	18,172,680	229,078,080

Billing kW values were entered.
Active Status based on kWh or Revenue.

Section Q

POWDER RIVER ENERGY CORPORATION

CUSTOMER DATA

Large Power CBM - Secondary
Large Power CBM - Primary
Large Power Transmission CBM
Large Power Compression CBM

09/05/2019 09:40:26 AM

**Powder River Electric Cooperative, Inc.
Large Power CBM - Secondary**

Page 1

Customer	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Customers	646	638	636	627	626	627	647	614	606	607	607	609	7,490
Metered kW	35,137.40	34,671.11	33,992.64	34,091.43	33,496.64	32,250.17	31,431.29	30,711.92	29,388.73	29,866.80	30,361.59	30,110.67	385,510.39
Load Factor - %	62.45	65.31	63.55	60.47	60.07	59.78	59.33	57.72	63.84	64.41	64.24	63.85	61.77
Billing kW	57,377.23	57,046.69	56,631.81	55,090.41	55,127.56	54,654.82	55,525.35	52,572.61	51,717.66	51,777.23	51,979.52	51,951.80	651,452.69
Load Factor - %	38.24	39.69	38.14	37.42	36.50	35.28	33.58	33.72	36.28	37.15	37.52	37.01	36.55
Energy kWh	16,326,246	15,215,519	16,071,530	14,842,207	14,969,424	13,882,117	13,874,008	13,188,948	13,508,547	14,312,189	14,042,399	14,304,764	174,537,898
Revenue	1,508,696.07	1,461,666.17	1,501,776.55	1,420,127.90	1,425,089.73	1,358,213.48	1,342,647.32	1,297,194.89	1,306,634.26	1,147,525.98	1,337,638.03	1,351,437.60	16,458,647.98

Billing kW values were entered.
Active Status based on kWh or Revenue.

**Powder River Electric Cooperative, Inc.
Large Power CBM - Secondary**

Customers

	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Active	646	638	636	627	626	627	647	614	606	607	607	609	7,490
Total	646	638	637	627	626	627	647	614	606	607	607	609	7,491

Active Status based on kWh or Revenue.

Demand Billing Units - kW

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	50	32,250.00	31,900.00	31,800.00	31,350.00	31,300.00	31,350.00	32,350.00	30,700.00	30,300.00	30,350.00	30,350.00	30,450.00	374,450.00
2	Excess	25,127.23	25,146.69	24,831.81	23,740.41	23,827.56	23,304.82	23,175.35	21,872.61	21,417.66	21,427.23	21,629.52	21,501.80	277,002.69
Totals		57,377.23	57,046.69	56,631.81	55,090.41	55,127.56	54,654.82	55,525.35	52,572.61	51,717.66	51,777.23	51,979.52	51,951.80	651,452.69

Billing kW values were entered.
Active Status based on kWh or Revenue.

Energy Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	All	16,326,246	15,215,519	16,071,530	14,842,207	14,969,424	13,882,117	13,874,008	13,188,948	13,508,547	14,312,189	14,042,399	14,304,764	174,537,898
Totals		16,326,246	15,215,519	16,071,530	14,842,207	14,969,424	13,882,117	13,874,008	13,188,948	13,508,547	14,312,189	14,042,399	14,304,764	174,537,898

Billing kW values were entered.
Active Status based on kWh or Revenue.

Hours Use Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	200	9,162,049	8,842,032	8,868,947	8,524,427	8,387,523	7,998,726	7,858,270	7,703,534	7,529,509	7,653,424	7,787,647	7,823,953	98,140,041
2	Excess	7,164,197	6,373,487	7,202,583	6,317,780	6,581,901	5,883,391	6,015,738	5,485,414	5,979,038	6,658,765	6,254,752	6,480,811	76,397,857
Totals		16,326,246	15,215,519	16,071,530	14,842,207	14,969,424	13,882,117	13,874,008	13,188,948	13,508,547	14,312,189	14,042,399	14,304,764	174,537,898

Billing kW values were entered.
Active Status based on kWh or Revenue.

09/05/2019 09:40:36 AM

**Powder River Electric Cooperative, Inc.
Large Power CBM - Primary**

Page 1

Customer	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Customers	18	18	18	18	19	18	18	18	18	18	18	18	217
Metered kW	8,779.20	8,676.96	8,738.04	8,669.64	8,437.32	8,224.80	8,216.40	8,231.40	8,198.76	8,419.80	8,567.40	8,516.52	101,676.24
Load Factor - %	79.29	82.51	79.01	73.95	81.86	79.33	76.19	77.85	82.24	81.17	81.65	78.82	79.13
Billing kW	12,121.90	12,091.64	9,711.93	9,508.15	8,837.22	8,637.08	8,735.28	8,764.58	8,812.61	8,949.02	9,069.61	9,024.87	114,263.89
Load Factor - %	57.43	59.21	71.09	67.42	78.16	75.54	71.67	73.12	76.51	76.37	77.13	74.38	70.41
Energy kWh	5,179,080	4,810,920	5,136,720	4,615,800	5,138,880	4,697,640	4,657,680	4,767,840	4,854,720	5,084,640	5,036,760	4,994,160	58,974,840
Revenue	402,467.04	384,085.67	371,075.04	343,116.35	361,302.82	336,810.49	335,792.55	341,357.62	347,306.48	358,971.75	358,131.89	355,479.50	4,295,897.20

Billing kW values were entered.
Active Status based on kWh or Revenue.

Powder River Electric Cooperative, Inc.
Large Power CBM - Primary

Customers

	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
Active	18	18	18	18	19	18	18	18	18	18	18	18	217
Total	18	18	18	18	19	18	18	18	18	18	18	18	217

Active Status based on kWh or Revenue.

Demand Billing Units - kW

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	50	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	900.00	10,800.00
2	Excess	11,221.90	11,191.64	8,811.93	8,608.15	7,937.22	7,737.08	7,835.28	7,864.58	7,912.61	8,049.02	8,169.61	8,124.87	103,463.89
Totals		12,121.90	12,091.64	9,711.93	9,508.15	8,837.22	8,637.08	8,735.28	8,764.58	8,812.61	8,949.02	9,069.61	9,024.87	114,263.89

Billing kW values were entered.
Active Status based on kWh or Revenue.

Energy Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	All	5,179,080	4,810,920	5,136,720	4,615,800	5,138,880	4,697,640	4,657,680	4,767,840	4,854,720	5,084,640	5,036,760	4,994,160	58,974,840
Totals		5,179,080	4,810,920	5,136,720	4,615,800	5,138,880	4,697,640	4,657,680	4,767,840	4,854,720	5,084,640	5,036,760	4,994,160	58,974,840

Billing kW values were entered.
Active Status based on kWh or Revenue.

Hours Use Billing Units - kWh

Block	Size	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
1	200	2,397,780	2,389,328	1,933,386	1,890,830	1,756,044	1,716,016	1,731,764	1,740,916	1,737,522	1,772,004	1,796,722	1,786,574	22,648,886
2	Excess	2,781,300	2,421,592	3,203,334	2,724,970	3,382,836	2,981,624	2,925,916	3,026,924	3,117,198	3,312,636	3,240,038	3,207,586	36,325,954
Totals		5,179,080	4,810,920	5,136,720	4,615,800	5,138,880	4,697,640	4,657,680	4,767,840	4,854,720	5,084,640	5,036,760	4,994,160	58,974,840

Billing kW values were entered.
Active Status based on kWh or Revenue.

**POWDER RIVER ENERGY CORPORATION
IMPACT OF APPROVED LPT-CM RATE**

	<u>Billing Units</u>	<u>Rate</u>	<u>Revenue</u>
LARGE POWER TRANSMISSION - COAL - ADJUSTED TEST YEAR REVENUE WITH APPROVED RATE			
Retail Rate			
Customer (12 Month Sum)	120	1,000.00	120,000
System NCP - Transmission per NCP kW	1,805,329	0.90	1,624,796
Subtotal			1,744,796
Wholesale Rate			
Fixed Charge per CP kW	1,402,413	19.70	27,627,535
Power Suppl Demand Charge per NCP kWh @ Sales Level	1,805,329 878,400,157	0.03 0.029710	54,160 26,097,269
Energy Adjustment Charge	878,400,157	0.000289	253,858
Subtotal			54,032,821
Base Revenue			55,777,617
COPA Revenue			1,652,382
Total			57,430,000
LARGE POWER TRANSMISSION - COAL - ADJUSTED TEST YEAR REVENUE IN RATE FILING			
Retail Rate			
Customer (12 Month Sum)	120	1,000.00	120,000
System NCP - Transmission per NCP kW	1,805,329	0.90	1,624,796
Subtotal			1,744,796
Wholesale Rate			
Fixed Charge per CP kW	1,805,329	15.00	27,079,941
kWh @ Sales Level	878,400,157	0.029999	26,351,126
Billing Adjustments	1,805,329		
Subtotal			53,431,067
Base Revenue			55,175,864
COPA Revenue			2,254,136
Total			57,430,000
Revenue Change Relative to Approved LPT-CM Rate			0

POWDER RIVER ENERGY CORPORATION
CALCULATION OF ADJUSTED COPA REVENUE WITH APPROVED BASE POWER COST

	<u>Billing Units</u>		<u>Amount</u>
<u>Large Power Transmission - LPT</u>			
14 Adjusted LPT Power Cost for Adjusted Test Year			55,377,186
15 LPTC Base Power Cost In Rates:			
16 Base Demand Charge NCP Billed @ Meter	1,402,413	19.70	27,627,535
17 Base Energy Charge kWh Billed @ Meter	878,400,157	0.02971	26,097,269
18 Total LPT Base Power Cost in Rate			53,724,803
19 LPT Recoverable Power Cost (L14 - L18)			1,652,382
20 (Over)/Under Recovery			0
21 Total Amount to Include in LPT COPA for Adjusted Test Year			1,652,382
COPA Factor for Large Power Transmission			0.001881

POWDER RIVER ENERGY CORPORATION
SUMMARY OF RATE CHANGE - REVISED TO REFLECT APPROVED ADJUSTED TY LPT-CM REVENUE

	<u>Consumers</u>	<u>kWh Sold</u>	<u>Adjusted</u>	<u>Proposed</u>	<u>Change</u>	<u>% Change</u>
Residential	14,825	205,949,962	22,374,743	24,346,853	1,972,110	8.81%
Residential ToD	132	3,284,144	295,379	311,934	16,555	5.60%
Residential Heat Rate	210	7,571,345	594,660	668,482	73,822	12.41%
Residential	15,167	216,805,451	23,264,782	25,327,269	2,062,487	8.87%
Seasonal	3,352	9,567,164	1,852,850	1,992,402	139,552	7.53%
Irrigation	132	2,892,793	434,160	458,498	24,338	5.61%
General Service	5,745	117,297,304	12,572,754	13,686,333	1,113,579	8.86%
General Service - CBM/ GS	600	21,104,460	2,506,518	2,251,682	-254,836	-10.17%
Large Power	1,175	491,771,356	42,297,231	44,918,910	2,621,679	6.20%
Large Power CBM/ LP	608	204,431,464	17,876,696	18,174,334	297,638	1.66%
LP Trans Coal	10	878,400,157	57,430,000	58,312,114	882,114	1.54%
LP Trans CBM	5	57,204,953	3,647,133	3,781,931	134,798	3.70%
LP Trans General/ LP TOU Trans	1	7,785,554	503,279	510,401	7,123	1.42%
Black Hills	2	1,118,209	70,853	70,853	0	0.00%
Security Lighting	0	2,153,440	246,558	248,909	2,351	0.95%
Street Lighting	0	903,582	94,033	93,255	-778	-0.83%
Lighting	0	3,057,022	340,591	342,164	1,573	0.46%
Total Energy Sales		2,011,435,887	162,796,847	169,826,892	7,030,045	4.32%
Other Revenue			3,246,488	3,246,488	0	0.00%
Total Revenue			166,043,335	173,073,380	7,030,045	4.23%