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December 31, 2013



Mr. Darrell Nitschke  
Director of Admin./Executive Secretary  
North Dakota Public Service Commission  
State Capitol  
600 East Boulevard, Dept. 408  
Bismarck, ND 58505-0408

**RE: Otter Tail Power Company's Request for Approval of its 2014 Renewable Resource Cost Recovery Adjustment Factor.  
NDPSC Case No. PU-\_\_\_\_\_**

Dear Mr. Nitschke:

Please find enclosed for filing Otter Tail Power Company's ("Otter Tail's") Application for its 2014 Renewable Resource Cost Recovery Adjustment Factor ("RRA") under Otter Tail's Renewable Resource Cost Recovery Rider.

Otter Tail is providing an original and seven copies of the Public version of the Application from which trade secret information has been redacted. The Trade Secret version has been included in a sealed envelope marked "TRADE SECRET – PRIVATE" and accompanies the Application for Trade Secret Protection which is also filed herewith. Otter Tail's 2013 Renewable Resource Rider filing included a similar request for trade secret protection, which was granted by the Commission.

We also enclose our check in the amount of \$50 for the filing fee.

Please refer all inquiries regarding this filing to Stuart Tommerdahl at (218) 739-8279 or [stommerdahl@otpc.com](mailto:stommerdahl@otpc.com).

Sincerely,

*/s/ STUART TOMMERDAHL*  
Stuart Tommerdahl  
Manager, Regulatory Administration

wao  
Enclosures  
By electronic filing and U.S. mail

**STATE OF NORTH DAKOTA  
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of Otter Tail Power Company’s  
Request for Approval of its 2014 Renewable  
Resource Cost Recovery Adjustment Factor

Case No. PU-\_\_\_\_\_

**APPLICATION**

**I. INTRODUCTION**

Otter Tail Power Company, (“Otter Tail”) submits this Application to the North Dakota Public Service Commission (“Commission”) for approval of the annual update to its Renewable Resource Cost Recovery Adjustment Factor (“RRA”) under the Company’s Renewable Resource Cost Recovery Rider (“Renewable Rider” or “Rider”). This update results in an approximately \$1 million reduction in the revenue requirement from the previous update.

On May 21, 2008, the Commission approved Otter Tail’s Renewable Rider<sup>1</sup> and on January 14, 2009 the Commission approved Otter Tail’s first annual RRA for that Rider (2009 RRA)<sup>2</sup> subject to final review in conjunction with its general rate case.<sup>3</sup> On August 4, 2010 the Commission approved Otter Tail’s second annual RRA.<sup>4</sup> The Order in the second annual RRA update filing established the current collection timeline of April through March of the following year. The Commission ordered Otter Tail to make its next annual RRA update filing on or before December 31, 2011, with an expected implementation of April 1, 2012 to March 31, 2013. On March 21, 2012, the Commission approved Otter Tail’s third annual RRA update.<sup>5</sup> On July 10, 2013, the Commission approved Otter Tail’s fourth annual RRA update.<sup>6</sup> Otter Tail now files its fifth annual update to the RRA for the Rider (2014 RRA), which includes actual

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<sup>1</sup> Case No. PU-06-466.

<sup>2</sup> Case No. PU-08-742.

<sup>3</sup> Order dated November 25, 2009, in Case PU-08-862.

<sup>4</sup> Case No. PU-10-18.

<sup>5</sup> Case No. PU-12-24.

<sup>6</sup> Case No. PU-13-16

cost and revenue information through October 2013 and forecast cost and revenue information from November 2013 through March 31, 2015, for investments in the Langdon, Ashtabula, and Luverne Wind Projects, all located in North Dakota.

Pursuant to NDCC § 49-05-16, the Commission has made determinations of prudence for Otter Tail's investments in the Langdon, Ashtabula and Luverne Wind Energy Projects. There have been no additional projects added in the last year. Only costs for these three projects are included in the Rider.

The current filing consists of four parts:

1. *Eligible projects.* Costs are included for the investment in the Langdon, Ashtabula and Luverne Wind Projects.
2. *Revenue requirements calculation.* Components of the revenue requirements calculation are discussed.
3. *2014 Tracker Report.* Actual components of the Renewable Resource Tracker through October 2013 and projections through the next cost recovery period are included.
4. *2014 RRA.* Rate design overview, including Otter Tail's current (and recommended) design, and resulting impact on customers' bills.

## II. GENERAL FILING INFORMATION

Pursuant to North Dakota Rules Part 69-02-02-04, the following information is provided.

### A. Name, address, and telephone number of utility making the filing.

Otter Tail Power Company  
215 South Cascade Street  
Fergus Falls, Minnesota 56538-0496  
(218) 739-8200

### B. Name, address, and telephone number of utility attorney.

Bruce Gerhardson  
Associate General Counsel  
Otter Tail Power Company  
215 South Cascade Street  
Fergus Falls, Minnesota 56538-0496  
(218) 739-8475  
[bgerhardson@otpc.com](mailto:bgerhardson@otpc.com)

**C. Date of filing and proposed effective date of rates.**

The date of this filing is December 31, 2013. Otter Tail proposes the 2014 RRA be reflected on customers' electric service bills effective April 1, 2014, or in the first full month following Commission approval if Commission action occurs after March 2014. Otter Tail is requesting the updated RRA be approved to become effective for bills rendered on and after April 1, 2014, for continuity of the annual rider filing process.

**D. Title of utility employee responsible for filing.**

Stuart Tommerdahl  
Manager, Regulatory Administration  
Otter Tail Power Company  
215 South Cascade Street  
Fergus Falls, Minnesota 56538-0496  
(218) 739-8279  
[stommerdahl@otpc.com](mailto:stommerdahl@otpc.com)

**E. Articles of Incorporation.**

Pursuant to North Dakota Rules Part 69-02-02-04, a certified copy of Otter Tail's Articles of Incorporation is on file with the Commission, as is an original Certificate of Good Standing.

**III. DESCRIPTION AND PURPOSE OF FILING**

**A. Background.**

Cost recovery through this Rider and recovery of revenue requirements for the new investment is under the authority granted to the Commission under NDCC § 49-02, § 49-05, and § 49-06. The Renewable Resource Rider approved by Order dated May 21, 2008, and effective on June 1, 2008, created a recovery mechanism and included provisions for Otter Tail's annual filing requirements.

Otter Tail's first annual filing was approved on January 14, 2009, becoming effective on February 1, 2009, subject to final review in Otter Tail's general rate case, Case No. PU-08-862, which was pending at that time. On November 25, 2009, the

Commission issued its Order on Settlement in that general rate case approving and adopting the Settlement Agreement (with one exception unrelated to the Renewable Resource Rider), Cases No. PU-08-742 and PU-08-862. The Commission's approval included affirmation of the earlier annual RRA approval. The Settlement Agreement revised the RRA for the months of December 2009 through March 2010 and included provisions on calculation of revenue requirements and rate design that Otter Tail addresses in this filing.

Otter Tail's second annual filing was approved by the Commission's Order dated August 4, 2010, and set the RRA rate to be in effect from September 1, 2010 through March 31, 2012. The Order required Otter Tail to file its next RRA rate on or before December 31, 2011, for expected implementation of April 1, 2012, to March 31, 2013. Otter Tail's third annual filing was made on December 29, 2011 and was approved by the Commission's Order dated March 21, 2012. The fourth filing was made on December 28, 2012 and was approved by the Commission's Order dated July 10, 2013.

Otter Tail's 2014 Renewable Resources Tracker report includes information regarding the amount collected from retail customers and the actual costs including: a return on investment; depreciation expense; federal and state income taxes; operation and maintenance expenses; ground lease payments; and Production Tax Credits ("PTC").

**B. Eligible projects.**

**1. Langdon Wind Project**

Cost recovery was first granted for the Langdon Wind Project by Order dated May 21, 2008, in Case No. PU-06-466. This filing includes updated data for that project, shown on Attachment 1.

**2. Ashtabula Wind Project**

Cost recovery for Otter Tail's investment in the Ashtabula Wind Project was approved by Order dated January 14, 2009, in Case No. PU-09-742. This filing includes updated data for that project, shown on Attachment 2.

### **3. Luverne Wind Project**

Cost recovery for Otter Tail's investment in the Luverne Wind Project was approved by Order dated August 4, 2010, in Case No. PU-10-18. This filing includes updated data for that project, shown on Attachment 3.

#### **C. Revenue requirements calculation.**

Otter Tail's revenue requirements calculation in this filing is similar to previous filings. As part of the Settlement Agreement in Case Nos. PU-08-862 and PU-09-742, approved by the Commission on November 25, 2009, Otter Tail deferred the uncollected portion of the amount needed to true-up revenue requirements for a previous period. The total amount deferred was \$337,256, as shown on line 4 (last column) of Attachment A to Schedule 6 of Otter Tail's Compliance Filing, dated November 24, 2009, in the above-referenced cases. This deferred balance was amortized over 48 months, beginning with the cost recovery period which began April 1, 2010 and continued during the previous Application's requested recovery period of April 1, 2013 through March 31, 2014. The 48 month amortization ends March 31, 2014. In this Application, Otter Tail seeks to recover a total of \$8,067,667 (Attachment 4, Page 7, line 42) over the April 1, 2014 to March 31, 2015 time period, a reduction from the \$9,155,979 revenue requirement projected in last year's update (Case No. PU-13-16) for the April 1, 2013 to March 31, 2014 collection period.

Any undercollections or overcollections will carry forward through the rider's true-up mechanisms to the following collection period.

#### **1. Revenue requirement calculation for each project**

The total annual revenue requirement is based on the sum of the revenue requirements for the three projects as reflected in Attachments 1 through 3. Attachment 1 is the updated revenue requirements calculation for the Langdon Wind Project; Attachment 2 is the revenue requirements calculation for the Ashtabula Wind Project; and Attachment 3 is the revenue requirements calculation for the Luverne Wind Project. Generally, each of these revenue requirement calculations is set up as follows: Information is shown by calendar

year from the time each project became commercially operational through 2015. Each 12-month period has two pages. The first page for each calendar year includes three sections:

- a.) A rate base computation section, using a 13-month average to calculate average rate base.
- b.) An expenses section listing the operating and maintenance, depreciation, and income tax expenses.
- c.) A revenue requirements section, summarizing the total expenses and return on rate base calculations. The North Dakota share of the revenue requirement amount is reflected on the last line of that page.

The second page for each calendar year provides supporting information and data for first page, which includes capital structure details, income tax, and depreciation calculations.

## **2. CWIP and AFUDC**

During construction, AFUDC was calculated consistent with the FERC Uniform System of Accounts, 18 CFR Ch 1, Part 101, Electric Plant Instruction No. 3(17). There are no projects currently under construction.

## **3. Rate of return**

In its calculations Otter Tail has used the rate of return on rate base of 8.62 percent ordered in its most recent general rate case.<sup>7</sup>

## **4. Depreciation**

Otter Tail has used a 25-year average service life for all depreciable property in these wind projects.

## **5. Taxes**

*Manufacturing Production Deduction.* For tax years beginning after 2004, corporations such as Otter Tail may claim a federal tax deduction (Manufacturing Production Deduction) that is equal to a percentage of the income earned from

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<sup>7</sup> Case No. PU-08-862, Order dated November 25, 2009.

production activities undertaken in the U.S. (including the production of electricity). The percentage is applied to the taxable income related to production activities (without regard to the deduction) for the tax year. The percentage was 3 percent for tax years beginning in 2005 and 2006, 6 percent for tax years beginning in 2007 through 2009, and 9 percent thereafter. For 2013, Otter Tail does not anticipate that it will be eligible for this deduction. Otter Tail does believe it may be eligible for the deduction in 2014. If the determination is made that the deduction can be used, the impact will be included as part of the true-up calculation in the next filing. The deduction cannot be carried forward.

*Production Tax Credit.* The Langdon and Ashtabula Wind Projects are eligible for the PTC. Actual amounts are used through November 2013 and amounts are projected through March 31, 2015. The 2010, 2011 and 2012 PTC was \$22.00 per MWH. In April 2013, the amount increased to \$23.00 per MWH. The 2014 PTC is assumed to be \$23.00 per MWH as well. The 2015 PTC is projected to increase to \$24.00 per MWH. The actual PTC is adjusted annually for inflation. The magnitude of tax credits and deductions produced by Otter Tail's recent investments in wind generation have created a net operating loss for the current tax calculation. Otter Tail has used the credits or deductions in the financial information for each project but has only included in accumulated deferred income taxes the amount it has been able to use for tax purposes since there is no cash benefit to Otter Tail until it uses the credit or deduction for actual taxes. Because of loss carry forward provisions, Otter Tail expects that all credits and deductions will be used before they expire.

*Bonus Tax Depreciation.* The Ashtabula and Luverne Wind Projects qualified for bonus tax depreciation as defined in the Internal Revenue Code. Ashtabula went into service in 2008 and Luverne in 2009 so the entire tax basis qualified for the 50 percent bonus each year. This resulted in a bonus tax depreciation amount of \$57.7 million and \$43.6 million for Ashtabula and Luverne, respectively.

## **6. Allocation to jurisdictions**

Otter Tail has used the allocation factor approved in its most recent rate case to calculate North Dakota's share of the total revenue requirements. The allocation factor approved in that rate case, Case No. PU-08-862, is 41.018 percent. Also in that rate case, Otter Tail agreed to monitor its E2 allocation factor and address in its annual Renewable Cost Recovery filings any material changes that may occur to that allocation factor. Consistent with that agreement, Otter Tail notes that the actual allocation for 2012 was 41.38 percent. The estimated allocation factor for calendar year 2014 is 41.21 percent. These changes to the allocation factor would result in minimal changes to the allocation of costs to North Dakota, as compared with 41.018 percent from the test year in Case No. PU-08-862. At this time, Otter Tail has retained the approved allocation factor from the last rate case for use in the proposed RRA calculations for this filing.

### **D. 2014 Renewable Tracker report.**

The Renewable Resource Rider cost recovery mechanism uses a tracker account, shown in Attachment 4. This account summarizes total revenue requirements by project, credits retail revenue billed each month, and calculates the carrying cost. The Tracker included with this filing reflects actual information through October 2013 and projected information through 2015. The total amount of \$337,256 to be deferred appears as a credit on line 14 in December 2009. Amortization of this deferred amount began in April 2010, as shown on page 3, line 15 of Attachment 4, and will continue through March 2014.

### **E. Calculation of 2013 RRA factor and rate design.**

With respect to class allocations and rate design, the Settlement Agreement approved in Case No. PU-08-742 contains the following provision:

*“OTP's 2010 Renewable Cost Recovery revenue requirement will be allocated between the customer classes with 20 percent allocated based on demand and 80 percent allocated based on energy. Within the LGS class,*

*that classes' revenue allocation will be collected through both a demand and energy charge using the same 20 percent demand, 80 percent energy allocation. The 20 percent is based on using MISO's capacity accreditation percentage for wind. MISO is expected to amend this initial determination based on studies it is currently performing, and the Parties agree that the allocation factor used by OTP will be adjusted as necessary to correspond with the weighted average level of capacity approved by MISO for the projects being recovered through the Renewable Resource Rider."*

In addition, the Commission's Findings of Fact in its Order dated August 4, 2010 in Case No. PU-10-18, includes the following:

*"Finally, the Commission finds that it is reasonable for Otter Tail Power to continue to consider and discuss in its future annual rider filings the MISO capacity accreditation and any changes thereto or another appropriate methodology for allocating capacity and energy, as that accreditation currently forms the basis for the inter- and intra-class allocations for the Renewable Resource Cost Recovery Adjustment Factor."*

Ordering paragraph 4 of the Commission's August 4, 2010, Order in Case No. PU-10-18, requires Otter Tail to "continue to provide information in future Renewable Resource Cost Recovery Factor filings on capacity accreditation for wind projects."

Beginning in 2011, MISO began accrediting capacity based on each generation site's production. In November 2013 MISO provided the 2014/2015 capacity credits for each wind farm's generation verification test requirements (GVTC or maximum generating capacity), the megawatt generation (Production Percentage) and the wind capacity credit. These figures are shown in the table below. A weighted average is computed to determine an Otter Tail system-wide capacity accreditation average.

Resource	GVTC(MW)	Production Percentage (1)	Capacity Credit (2)	Weighted Average (1x2)
Ashtabula	48	34.78%	18.49%	6.43%
Langdon	40.5	29.35%	18.67%	5.48%
Luverne	49.5	35.87%	21.44%	7.69%
<b>Total</b>	<b>138</b>			<b>19.60%</b>

Based upon these updated accreditation percentages and consistent with the Commission's approved rate design approach for the current RRA, the rates per kW and per kWh for the large general service class, and the rate per kWh for all other customers are based on a 19.60 percent capacity factor. Calculations and the resulting rates are shown on Attachment 5.

The 19.60 percent weighted average capacity factor represents a large decrease compared to the 28.56 percent weighed average capacity factor used in the previous filing. There are two reasons why the numbers decreased. First, the MISO system wide reliability discount increased. MISO calculates this discount based on system wide figures and applies it to each individual wind resource. As wind penetration in MISO increases the reliability discount increases. Second, production of Otter Tail's wind resource's measured during MISO's eight highest summer peaks decreased. During the peak hour, the production at each wind resource is collected. The production during the summer of 2013 was significantly lower than previous summers. Since the calculation is cumulative, each year that MISO collects another year of data and incorporates that information into their calculations, the swings in the capacity credit smooth out over time. In general, MISO uses an overall credit of 13 percent based on system wide wind average production so Otter Tail's production is still about 50 percent higher than the MISO footprint average.

Otter Tail believes this approach to rate design continues to be reasonable. System planners and MISO have recognized that wind generation, while variable and non-dispatchable, provides some amount of capacity for the electric system. There have been discussions during the past few years that resulted in general agreement to use MISO's designation for the proportion of capacity produced by wind generation. Otter Tail has used the 19.60 percent capacity factor for allocation of class revenue responsibility and rate design in the current docket.

The resulting rates and bill impacts under the existing implemented rate design are shown below:

Proposed	LGS	All Others
Rate/kW	\$0.489	n/a
Rate/kWh	\$0.00347	\$0.00440
Typical Use		
kW	652	n/a
kWh	383,580	733
Typical monthly bill impact [1]	\$1,649.85	\$3.23
Present	LGS	All Others
Rate/kW	\$0.791	n/a
Rate/kWh	\$0.00343	\$0.00518
Typical Use		
kW	652	n/a
kWh	383,580	733
Typical monthly bill impact [1]	\$1,784.47	\$3.80
<b>Change in bill</b>	<b>-\$186.98</b>	<b>-\$0.48</b>
[1] This impact does not include an offset for a reduction in needed purchased power.		

For reference, as noted in Attachment 5, if the RRA rates were calculated to arrive at a flat kWh rate for all customers, the rate would be \$0.00437. As described above, Otter Tail prefers the existing class allocation and rate design that recognizes capacity accreditation.

Additionally, the proposed 2014 RRA is calculated assuming the total proposed revenue requirement is effective April 1, 2014. If implementation of the 2014 RRA occurs after April 1, 2014, Otter Tail proposes that the RRA be adjusted to recover the approved revenue requirements over the remaining months of the period, through March 2015. This approach would ensure the cost recovery and the approved eligible costs

match. If it is necessary to adjust the 2014 RRA, we propose to calculate the final 2014 RRA and include it with the corresponding rate schedule pages in a compliance filing in this case.

**F. Customer notification.**

Otter Tail will work with Commission staff on a notice to meet the requirements of the North Dakota rules. A draft notice is attached to this filing as Attachment 7.

**IV. PROPOSED RATE SCHEDULE**

Our revised rate schedule number 13.04 is provided in Attachment 6, in both redline and clean versions.

**V. CONCLUSION**

Otter Tail respectfully requests the Commission approve the 2014 Renewable Resource Cost Recovery Adjustment effective April 1, 2014, based on the tracker activity and cost recovery for the Langdon, Ashtabula, and Luverne Wind projects.

Dated: December 31, 2013

Respectfully Submitted,

OTTER TAIL POWER COMPANY

By: /s/ STUART TOMMERDAHL  
Stuart Tommerdahl  
Manager, Regulatory Administration  
Otter Tail Power Company  
215 South Cascade Street  
Fergus Falls, MN 56538-0496  
218-739-8279  
[stommerdahl@otpc.com](mailto:stommerdahl@otpc.com)

OTTER TAIL POWER COMPANY  
RENEWABLE RESOURCE RIDER 2014 RRA FACTOR FILING ATTACHMENTS

Attachment 1	Langdon revenue requirements calculation
Attachment 2	Ashtabula revenue requirements calculation
Attachment 3	Luverne revenue requirements calculation
Attachment 4	Renewable Resource Tracker report
Attachment 5	Class allocation, rate design alternatives, and projected revenue
Attachment 6	Updated Renewable Resource Rider (redline and clean versions)
Attachment 7	Customer Notice

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

Line	2007						2008						2008 YE Balance	
	Actual Dec-07	Actual Jan-08	Actual Feb-08	Actual Mar-08	Actual Apr-08	Actual May-08	Actual Jun-08	Actual Jul-08	Actual Aug-08	Actual Sep-08	Actual Oct-08	Actual Nov-08		Actual Dec-08
1	<b>RATE BASE</b>													
	[TRADE SECRET DATA BEGINS...]													
2	Plant Balance - Langdon													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
6	Inventory													
7	Accum. Deferred Inc. Taxes - Fed & State													
8	Accum. Deferred Inc. Taxes - Basis Difference													
9	Accum. Deferred Inc. Taxes - Federal PTC													
10	Accum. Deferred Inc. Taxes - ND ITC													
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
12	Accum. Deferred Inc. Taxes - ND ITC													
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
14	End of month rate base													
15														
16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
27	Book Depreciation													
28	Total O&M and Depreciation Expense													
29														
30	Income before Taxes													
31	Available for return (from above)													
32	Less book tax credits - Federal PTC													
33	Less book tax credits - ND ITC													
34	ND ITC - Federal impact													
35	Adjusted income before interest and taxes													
36	Taxable income (grossed up)													
37														
38	Income Taxes													
39	Current and Def Income Taxes													
40	Tax Adjustment for Additional Tax Basis													
41	Federal PTC													
42	ND ITC													
43	ND ITC - Federal impact													
44	Total Income Tax Expense													
45														
46														
47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

2007

2008

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

Line		2008						2009						2009 YE Balance	
		Balance Dec-08	Actual Jan-09	Actual Feb-09	Actual Mar-09	Actual Apr-09	Actual May-09	Actual Jun-09	Actual Jul-09	Actual Aug-09	Actual Sep-09	Actual Oct-09	Actual Nov-09		Actual Dec-09
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]													
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35	Adjusted income before interest and taxes														
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40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIREMENTS</b>	[TRADE SECRET DATA BEGINS...]													
48	Expenses														
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52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

2008

2009

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...]

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

Line		2009						2010						2010 YE Balance
		Balance Dec-09	Actual Jan-10	Actual Feb-10	Actual Mar-10	Actual Apr-10	Actual May-10	Actual Jun-10	Actual Jul-10	Actual Aug-10	Actual Sep-10	Actual Oct-10	Actual Nov-10	
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Langdon													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
6	Inventory													
7	Accum. Deferred Inc. Taxes - Fed & State													
8	Accum. Deferred Inc. Taxes - Basis Difference													
9	Accum. Deferred Inc. Taxes - Federal PTC													
10	Accum. Deferred Inc. Taxes - ND ITC													
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
12	Accum. Deferred Inc. Taxes - ND ITC													
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
14	End of month rate base													
15														
16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
27	Book Depreciation													
28	Total O&M and Depreciation Expense													
29														
30	Income before Taxes													
31	Available for return (from above)													
32	Less book tax credits - Federal PTC													
33	Less book tax credits - ND ITC													
34	ND ITC - Federal impact													
35	Adjusted income before interest and taxes													
36	Taxable income (grossed up)													
37														
38	Income Taxes													
39	Current and Def Income Taxes													
40	Tax Adjustment for Additional Tax Basis													
41	Federal PTC													
42	ND ITC													
43	ND ITC - Federal impact													
44	Total Income Tax Expense													
45														
46														
47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

2009

2010

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax ca
9	Deferred Income Tax
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12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

Line	2010							2011							2011 YE Balance
	Balance Dec-10	Actual Jan-11	Actual Feb-11	Actual Mar-11	Actual Apr-11	Actual May-11	Actual Jun-11	Actual Jul-11	Actual Aug-11	Actual Sep-11	Actual Oct-11	Actual Nov-11	Actual Dec-11		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Langdon														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
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13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIREMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

2010

2011

SUPPORTING INFORMATION / DATA

[TRADE SECRET DATA BEGINS...

- Line 1 MN Capstructure with allowed ROE per order.
- 2 Capital Structure
- 3 Debt
- 4 Preferred equity
- 5 Common equity
- 6 Total
- 7
- 8
- 9 **Federal Production Tax Credit**
- 10 Federal PTC Rate
- 11 Output (MWH) / month
- 12 Federal PTC Available based on production
- 13 Federal PTC Used on tax return
- 14 Deferred
- 15 Accumulated Deferred
- 16
- 17 **Deferred Tax**
- 18 Book depr. rate
- 19 Book depreciation
- 20 Tax depreciation-ND
- 21 Tax depreciation-Federal
- 22 Book vs. tax depreciation
- 23 Federal & State deferred income taxes
- 24
- 25 Additional Tax Basis (permanent difference)
- 26 Tax Impact-ND
- 27 Tax Impact-Federal
- 28 Total Tax Impact

PROOF

- 1 Revenue
- 2
- 3 Expenses
- 4 O/M and Book Depreciation
- 5 Interest on Debt
- 6
- 7 Income Taxes
- 8 Current Income Tax (circular reference to tax calc)
- 9 Deferred Income Tax
- 10 Permanent Tax Difference - 30% Grant
- 11 Federal Production Tax Credit
- 12 Generated
- 13 Deferred
- 14 ND Investment Tax Credit
- 15 Current
- 16 Deferred
- 17 Total Expenses
- 18
- 19 Net Income before preferred dividend
- 20 Dividend on Perferred Stock
- 21
- 22 Income available for Common Stock
- 23
- 24 **Average Rate Base**
- 25 Equity Percent
- 26 Return on Equity Check
- 27
- 28 **Tax Calculation**
- 29 Income Before Income Taxes
- 30 Net Income after prfd
- 31 Less Income Taxes
- 32 Total
- 33
- 34 Book Depreciation
- 35 Tax Depreciation
- 36 Tax Depreciation - Permanent Difference
- 37 Taxable income
- 38 Current income tax
- 39 Tie to RR calculation
- 40 Total Tax
- 41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

Line		2011					2012					2012 YE Balance		
		Balance Dec-11	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Actual Jul-12	Actual Aug-12	Actual Sep-12		Actual Oct-12	Actual Nov-12
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Langdon													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
6	Inventory													
7	Accum. Deferred Inc. Taxes - Fed & State													
8	Accum. Deferred Inc. Taxes - Basis Difference													
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10	Accum. Deferred Inc. Taxes - ND ITC													
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
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13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
14	End of month rate base													
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16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
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26	Property Tax													
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46														
47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

2011

2012

**SUPPORTING INFORMATION / DATA**

Line		[TRADE SECRET DATA BEGINS...
1	MN Capstructure with allowed ROE per order.	
2	Capital Structure	
3	Debt	
4	Preferred equity	
5	Common equity	
6	Total	
7		
8		
9	<b>Federal Production Tax Credit</b>	
10	Federal PTC Rate	
11	Output (MWH) / month	
12	Federal PTC Available based on production	
13	Federal PTC Used on tax return	
14	Deferred	
15	Accumulated Deferred	
16		
17	<b>Deferred Tax</b>	
18	Book depr. rate	
19	Book depreciation	
20	Tax depreciation-ND	
21	Tax depreciation-Federal	
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24		
25	Additional Tax Basis (permanent difference)	
26	Tax Impact-ND	
27	Tax Impact-Federal	
28	Total Tax Impact	

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
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13	Deferred
14	ND Investment Tax Credit
15	Current
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23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

Line		2012					2013					Projected Nov-13	Projected Dec-13	2013 YE Balance	
		Balance Dec-12	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13				Actual Oct-13
1	<b>RATE BASE</b>	<b>[TRADE SECRET DATA BEGINS...]</b>													
2	Plant Balance - Langdon														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
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10	Accum. Deferred Inc. Taxes - ND ITC														
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13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>	<b>[TRADE SECRET DATA BEGINS...]</b>													
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
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34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIRMENTS</b>	<b>[TRADE SECRET DATA BEGINS...]</b>													
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

2012

2013

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
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**PROOF**

1	Revenue
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32	Total
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34	Book Depreciation
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36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

Line		2013					2014					2014 YE Balance		
		Balance Dec-13	Projected Jan-14	Projected Feb-14	Projected Mar-14	Projected Apr-14	Projected May-14	Projected Jun-14	Projected Jul-14	Projected Aug-14	Projected Sep-14		Projected Oct-14	Projected Nov-14
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Langdon													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
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20	Available for return (equity portion of rate base)													
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22	<b>EXPENSES</b>													
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28	Total O&M and Depreciation Expense													
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47	<b>REVENUE REQUIREMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

2013

2014

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
1 MN Capstructure with allowed ROE per order.  
2 Capital Structure  
3 Debt  
4 Preferred equity  
5 Common equity  
6 Total  
7  
8  
9 **Federal Production Tax Credit**  
10 Federal PTC Rate  
11 Output (MWH) / month  
12 Federal PTC Available based on production  
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26 Tax Impact-ND  
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**PROOF**

1 Revenue  
2  
3 Expenses  
4 O/M and Book Depreciation  
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8 Current Income Tax (circular reference to tax calc)  
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35 Tax Depreciation  
36 Tax Depreciation - Permanent Difference  
37 Taxable income  
38 Current income tax  
39 Tie to RR calculation  
40 Total Tax  
41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Langdon Wind Farm

Line	2014							2015							2015 YE Balance
	Balance Dec-14	Projected Jan-15	Projected Feb-15	Projected Mar-15	Projected Apr-15	Projected May-15	Projected Jun-15	Projected Jul-15	Projected Aug-15	Projected Sep-15	Projected Oct-15	Projected Nov-15	Projected Dec-15		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Langdon														
3	Less: Federal Grant														
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17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
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23	O&M and Depreciation														
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25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
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31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
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35	Adjusted income before interest and taxes														
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51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Langdon Wind Farm

2014

2015

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Ashtabula Wind Farm

Line	2007							2008							2008 YE Balance
	Actual Dec-07	Actual Jan-08	Actual Feb-08	Actual Mar-08	Actual Apr-08	Actual May-08	Actual Jun-08	Actual Jul-08	Actual Aug-08	Actual Sep-08	Actual Oct-08	Actual Nov-08	Actual Dec-08		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Ashtabula														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
12	Accum. Deferred Inc. Taxes - ND ITC														
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIRMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

2007

2008

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Ashtabula Wind Farm

Line	2008						2009						2009 YE Balance	
	Balance Dec-08	Actual Jan-09	Actual Feb-09	Actual Mar-09	Actual Apr-09	Actual May-09	Actual Jun-09	Actual Jul-09	Actual Aug-09	Actual Sep-09	Actual Oct-09	Actual Nov-09		Actual Dec-09
1	<b>RATE BASE</b>													
	[TRADE SECRET DATA BEGINS...]													
2	Plant Balance - Ashtabula													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
6	Inventory													
7	Accum. Deferred Inc. Taxes - Fed & State													
8	Accum. Deferred Inc. Taxes - Basis Difference													
9	Accum. Deferred Inc. Taxes - Federal PTC													
10	Accum. Deferred Inc. Taxes - ND ITC													
11	Accum. Deferred Inc. Taxes - Fed. portion of ND IT													
12	Accum. Deferred Inc. Taxes - ND ITC													
13	Accum. Deferred Inc. Taxes - Fed. portion of ND IT													
14	End of month rate base													
15														
16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
27	Book Depreciation													
28	Total O&M and Depreciation Expense													
29														
30	Income before Taxes													
31	Available for return (from above)													
32	Less book tax credits - Federal PTC													
33	Less book tax credits - ND ITC													
34	ND ITC - Federal impact													
35	Adjusted income before interest and taxes													
36	Taxable income (grossed up)													
37														
38	Income Taxes													
39	Current and Def Income Taxes													
40	Tax Adjustment for Additional Tax Basis													
41	Federal PTC													
42	ND ITC													
43	ND ITC - Federal impact													
44	Total Income Tax Expense													
45														
46														
47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Ashtabula Wind Farm

2008

2009

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...]

Line  
1 MN Capstructure with allowed ROE per order.  
2 Capital Structure  
3 Debt  
4 Preferred equity  
5 Common equity  
6 Total  
7  
8  
9 **Federal Production Tax Credit**  
10 Federal PTC Rate  
11 Output (MWH) / month  
12 Federal PTC Available based on production  
13 Federal PTC Used on tax return  
14 Deferred  
15 Accumulated Deferred  
16  
17 **Deferred Tax**  
18 Book depr. rate  
19 Book depreciation  
20 Tax depreciation-ND  
21 Tax depreciation-Federal  
22 Book vs. tax depreciation  
23 Federal & State deferred income taxes  
24  
25 Additional Tax Basis (permanent difference)  
26 Tax Impact-ND  
27 Tax Impact-Federal  
28 Total Tax Impact

**PROOF**

1 Revenue  
2  
3 Expenses  
4 O/M and Book Depreciation  
5 Interest on Debt  
6  
7 Income Taxes  
8 Current Income Tax (circular reference to tax calc)  
9 Deferred Income Tax  
10 Permanent Tax Difference - 30% Grant  
11 Federal Production Tax Credit  
12 Generated  
13 Deferred  
14 ND Investment Tax Credit  
15 Current  
16 Deferred  
17 Total Expenses  
18  
19 Net Income before preferred dividend  
20 Dividend on Preferred Stock  
21  
22 Income available for Common Stock  
23  
24 **Average Rate Base**  
25 Equity Percent  
26 Return on Equity Check  
27  
28 **Tax Calculation**  
29 Income Before Income Taxes  
30 Net Income after prfd  
31 Less Income Taxes  
32 Total  
33  
34 Book Depreciation  
35 Tax Depreciation  
36 Tax Depreciation - Permanent Difference  
37 Taxable income  
38 Current income tax  
39 Tie to RR calculation  
40 Total Tax  
41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

Line		2009						2010						2010 YE Balance
		Balance Dec-09	Actual Jan-10	Actual Feb-10	Actual Mar-10	Actual Apr-10	Actual May-10	Actual Jun-10	Actual Jul-10	Actual Aug-10	Actual Sep-10	Actual Oct-10	Actual Nov-10	
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Ashtabula													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
6	Inventory													
7	Accum. Deferred Inc. Taxes - Fed & State													
8	Accum. Deferred Inc. Taxes - Basis Difference													
9	Accum. Deferred Inc. Taxes - Federal PTC													
10	Accum. Deferred Inc. Taxes - ND ITC													
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
12	Accum. Deferred Inc. Taxes - ND ITC													
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC													
14	End of month rate base													
15														
16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
27	Book Depreciation													
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29														
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36	Taxable income (grossed up)													
37														
38	Income Taxes													
39	Current and Def Income Taxes													
40	Tax Adjustment for Additional Tax Basis													
41	Federal PTC													
42	ND ITC													
43	ND ITC - Federal impact													
44	Total Income Tax Expense													
45														
46														
47	<b>REVENUE REQUIREMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

2009

2010

**SUPPORTING INFORMATION / DATA**

Line		
		[TRADE SECRET DATA BEGINS...]
1	MN Capstructure with allowed ROE per order.	
2	Capital Structure	
3	Debt	
4	Preferred equity	
5	Common equity	
6	Total	
7		
8		
9	<b>Federal Production Tax Credit</b>	
10	Federal PTC Rate	
11	Output (MWH) / month	
12	Federal PTC Available based on production	
13	Federal PTC Used on tax return	
14	Deferred	
15	Accumulated Deferred	
16		
17	<b>Deferred Tax</b>	
18	Book depr. rate	
19	Book depreciation	
20	Tax depreciation-ND	
21	Tax depreciation-Federal	
22	Book vs. tax depreciation	
23	Federal & State deferred income taxes	
24		
25	Additional Tax Basis (permanent difference)	
26	Tax Impact-ND	
27	Tax Impact-Federal	
28	Total Tax Impact	

**PROOF**

1	Revenue	
2		
3	Expenses	
4	O/M and Book Depreciation	
5	Interest on Debt	
6		
7	Income Taxes	
8	Current Income Tax (circular reference to tax calc)	
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13	Deferred	
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16	Deferred	
17	Total Expenses	
18		
19	Net Income before preferred dividend	
20	Dividend on Preferred Stock	
21		
22	Income available for Common Stock	
23		
24	<b>Average Rate Base</b>	
25	Equity Percent	
26	Return on Equity Check	
27		
28	<b>Tax Calculation</b>	
29	Income Before Income Taxes	
30	Net Income after prfd	
31	Less Income Taxes	
32	Total	
33		
34	Book Depreciation	
35	Tax Depreciation	
36	Tax Depreciation - Permanent Difference	
37	Taxable income	
38	Current income tax	
39	Tie to RR calculation	
40	Total Tax	
41	Income Requirement for Return	

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Ashtabula Wind Farm

Line	2010							2011							2011 YE Balance
	Balance Dec-10	Actual Jan-11	Actual Feb-11	Actual Mar-11	Actual Apr-11	Actual May-11	Actual Jun-11	Actual Jul-11	Actual Aug-11	Actual Sep-11	Actual Oct-11	Actual Nov-11	Actual Dec-11		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Ashtabula														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
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12	Accum. Deferred Inc. Taxes - ND ITC														
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
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36	Taxable income (grossed up)														
37															
38	Income Taxes														
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45															
46															
47	<b>REVENUE REQUIRMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Ashtabula Wind Farm

2010

2011

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
1 MN Capstructure with allowed ROE per order.  
2 Capital Structure  
3 Debt  
4 Preferred equity  
5 Common equity  
6 Total  
7  
8  
9 **Federal Production Tax Credit**  
10 Federal PTC Rate  
11 Output (MWH) / month  
12 Federal PTC Available based on production  
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14 Deferred  
15 Accumulated Deferred  
16  
17 **Deferred Tax**  
18 Book depr. rate  
19 Book depreciation  
20 Tax depreciation-ND  
21 Tax depreciation-Federal  
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25 Additional Tax Basis (permanent difference)  
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28 Total Tax Impact

**PROOF**

1 Revenue  
2  
3 Expenses  
4 O/M and Book Depreciation  
5 Interest on Debt  
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7 Income Taxes  
8 Current Income Tax (circular reference to tax calc)  
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38 Current income tax  
39 Tie to RR calculation  
40 Total Tax  
41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

Line		2011					2012					2012 YE Balance		
		Balance Dec-11	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Actual Jul-12	Actual Aug-12	Actual Sep-12		Actual Oct-12	Actual Nov-12
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Ashtabula													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
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7	Accum. Deferred Inc. Taxes - Fed & State													
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16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
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28	Total O&M and Depreciation Expense													
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30	Income before Taxes													
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46														
47	<b>REVENUE REQUIREMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

2011

2012

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
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17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
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**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
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35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
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40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

Line		2012					2013					Projected	Projected	2013 YE	
		Balance	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual				
		Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Balance
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]													
2	Plant Balance - Ashtabula														
3	Less: Federal Grant														
4	Accumulated Depreciation														
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19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
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25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIRMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

2012

2013

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

Line		2013					2014					2014 YE Balance		
		Balance Dec-13	Projected Jan-14	Projected Feb-14	Projected Mar-14	Projected Apr-14	Projected May-14	Projected Jun-14	Projected Jul-14	Projected Aug-14	Projected Sep-14		Projected Oct-14	Projected Nov-14
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Ashtabula													
3	Less: Federal Grant													
4	Accumulated Depreciation													
5	Net Plant in Service													
6	Inventory													
7	Accum. Deferred Inc. Taxes - Fed & State													
8	Accum. Deferred Inc. Taxes - Basis Difference													
9	Accum. Deferred Inc. Taxes - Federal PTC													
10	Accum. Deferred Inc. Taxes - ND ITC													
11	Accum. Deferred Inc. Taxes - Fed. portion of ND IT													
12	Accum. Deferred Inc. Taxes - ND ITC													
13	Accum. Deferred Inc. Taxes - Fed. portion of ND IT													
14	End of month rate base													
15														
16	Average rate base													
17														
18	Return on Rate Base													
19														
20	Available for return (equity portion of rate base)													
21														
22	<b>EXPENSES</b>													
23	O&M and Depreciation													
24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
27	Book Depreciation													
28	Total O&M and Depreciation Expense													
29														
30	Income before Taxes													
31	Available for return (from above)													
32	Less book tax credits - Federal PTC													
33	Less book tax credits - ND ITC													
34	ND ITC - Federal impact													
35	Adjusted income before interest and taxes													
36	Taxable income (grossed up)													
37														
38	Income Taxes													
39	Current and Def Income Taxes													
40	Tax Adjustment for Additional Tax Basis													
41	Federal PTC													
42	ND ITC													
43	ND ITC - Federal impact													
44	Total Income Tax Expense													
45														
46														
47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

2013

2014

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line	
1	MN Capstructure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	<b>Federal Production Tax Credit</b>
10	Federal PTC Rate
11	Output (MWH) / month
12	Federal PTC Available based on production
13	Federal PTC Used on tax return
14	Deferred
15	Accumulated Deferred
16	
17	<b>Deferred Tax</b>
18	Book depr. rate
19	Book depreciation
20	Tax depreciation-ND
21	Tax depreciation-Federal
22	Book vs. tax depreciation
23	Federal & State deferred income taxes
24	
25	Additional Tax Basis (permanent difference)
26	Tax Impact-ND
27	Tax Impact-Federal
28	Total Tax Impact

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc)
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Ashtabula Wind Farm

Line	2014							2015							2015 YE Balance
	Balance Dec-14	Projected Jan-15	Projected Feb-15	Projected Mar-15	Projected Apr-15	Projected May-15	Projected Jun-15	Projected Jul-15	Projected Aug-15	Projected Sep-15	Projected Oct-15	Projected Nov-15	Projected Dec-15		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Ashtabula														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
12	Accum. Deferred Inc. Taxes - ND ITC														
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIREMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Ashtabula Wind Farm

2014

2015

**SUPPORTING INFORMATION / DATA**

Line		[TRADE SECRET DATA BEGINS...]
1	MN Capstructure with allowed ROE per order.	
2	Capital Structure	
3	Debt	
4	Preferred equity	
5	Common equity	
6	Total	
7		
8		
9	<b>Federal Production Tax Credit</b>	
10	Federal PTC Rate	
11	Output (MWH) / month	
12	Federal PTC Available based on production	
13	Federal PTC Used on tax return	
14	Deferred	
15	Accumulated Deferred	
16		
17	<b>Deferred Tax</b>	
18	Book depr. rate	
19	Book depreciation	
20	Tax depreciation-ND	
21	Tax depreciation-Federal	
22	Book vs. tax depreciation	
23	Federal & State deferred income taxes	
24		
25	Additional Tax Basis (permanent difference)	
26	Tax Impact-ND	
27	Tax Impact-Federal	
28	Total Tax Impact	

**PROOF**

1	Revenue
2	
3	Expenses
4	O/M and Book Depreciation
5	Interest on Debt
6	
7	Income Taxes
8	Current Income Tax (circular reference to tax calc
9	Deferred Income Tax
10	Permanent Tax Difference - 30% Grant
11	Federal Production Tax Credit
12	Generated
13	Deferred
14	ND Investment Tax Credit
15	Current
16	Deferred
17	Total Expenses
18	
19	Net Income before preferred dividend
20	Dividend on Preferred Stock
21	
22	Income available for Common Stock
23	
24	<b>Average Rate Base</b>
25	Equity Percent
26	Return on Equity Check
27	
28	<b>Tax Calculation</b>
29	Income Before Income Taxes
30	Net Income after prfd
31	Less Income Taxes
32	Total
33	
34	Book Depreciation
35	Tax Depreciation
36	Tax Depreciation - Permanent Difference
37	Taxable income
38	Current income tax
39	Tie to RR calculation
40	Total Tax
41	Income Requirement for Return

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

Line	2007							2008							2008 YE Balance
	Actual Dec-07	Actual Jan-08	Actual Feb-08	Actual Mar-08	Actual Apr-08	Actual May-08	Actual Jun-08	Actual Jul-08	Actual Aug-08	Actual Sep-08	Actual Oct-08	Actual Nov-08	Actual Dec-08		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Luverne														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
12	Accum. Deferred Inc. Taxes - ND ITC														
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIREMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

2007

2008

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
 1 MN Capstructure with allowed ROE per order.  
 2 Capital Structure  
 3 Debt  
 4 Preferred equity  
 5 Common equity  
 6 Total  
 7  
 8  
 9 **Federal Production Tax Credit**  
 10 Federal PTC Rate  
 11 Output (MWH) / month  
 12 Federal PTC Available based on production  
 13 Federal PTC Used on tax return  
 14 Deferred  
 15 Accumulated Deferred  
 16  
 17 **Deferred Tax**  
 18 Book depr. rate  
 19 Book depreciation  
 20 Tax depreciation-ND  
 21 Tax depreciation-Federal  
 22 Book vs. tax depreciation  
 23 Federal & State deferred income taxes  
 24  
 25 Additional Tax Basis (permanent difference)  
 26 Tax Impact-ND  
 27 Tax Impact-Federal  
 28 Total Tax Impact

**PROOF**

1 Revenue  
 2  
 3 Expenses  
 4 O/M and Book Depreciation  
 5 Interest on Debt  
 6  
 7 Income Taxes  
 8 Current Income Tax (circular reference to tax calc)  
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 15 Current  
 16 Deferred  
 17 Total Expenses  
 18  
 19 Net Income before preferred dividend  
 20 Dividend on Preferred Stock  
 21  
 22 Income available for Common Stock  
 23  
 24 **Average Rate Base**  
 25 Equity Percent  
 26 Return on Equity Check  
 27  
 28 **Tax Calculation**  
 29 Income Before Income Taxes  
 30 Net Income after prfd  
 31 Less Income Taxes  
 32 Total  
 33  
 34 Book Depreciation  
 35 Tax Depreciation  
 36 Tax Depreciation - Permanent Difference  
 37 Taxable income  
 38 Current income tax  
 39 Tie to RR calculation  
 40 Total Tax  
 41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

Line	2008							2009							2009 YE Balance
	Balance Dec-08	Actual Jan-09	Actual Feb-09	Actual Mar-09	Actual Apr-09	Actual May-09	Actual Jun-09	Actual Jul-09	Actual Aug-09	Actual Sep-09	Actual Oct-09	Actual Nov-09	Actual Dec-09		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Luverne														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
6	Inventory														
7	Accum. Deferred Inc. Taxes - Fed & State														
8	Accum. Deferred Inc. Taxes - Basis Difference														
9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
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13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
18	Return on Rate Base														
19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
41	Federal PTC														
42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIREMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

2008

2009

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
 1 MN Capstructure with allowed ROE per order.  
 2 Capital Structure  
 3 Debt  
 4 Preferred equity  
 5 Common equity  
 6 Total  
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 8  
 9 **Federal Production Tax Credit**  
 10 Federal PTC Rate  
 11 Output (MWH) / month  
 12 Federal PTC Available based on production  
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 21 Tax depreciation-Federal  
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 25 Additional Tax Basis (permanent difference)  
 26 Tax Impact-ND  
 27 Tax Impact-Federal  
 28 Total Tax Impact

**PROOF**

1 Revenue  
 2  
 3 Expenses  
 4 O/M and Book Depreciation  
 5 Interest on Debt  
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 7 Income Taxes  
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 19 Net Income before preferred dividend  
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 28 **Tax Calculation**  
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 31 Less Income Taxes  
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 34 Book Depreciation  
 35 Tax Depreciation  
 36 Tax Depreciation - Permanent Difference  
 37 Taxable income  
 38 Current income tax  
 39 Tie to RR calculation  
 40 Total Tax  
 41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

Line		2009						2010						2010 YE Balance
		Balance Dec-09	Actual Jan-10	Actual Feb-10	Actual Mar-10	Actual Apr-10	Actual May-10	Actual Jun-10	Actual Jul-10	Actual Aug-10	Actual Sep-10	Actual Oct-10	Actual Nov-10	
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Luverne													
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20	Available for return (equity portion of rate base)													
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47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

2009

2010

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
 1 MN Capstructure with allowed ROE per order.  
 2 Capital Structure  
 3 Debt  
 4 Preferred equity  
 5 Common equity  
 6 Total  
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 9 **Federal Production Tax Credit**  
 10 Federal PTC Rate  
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 20 Tax depreciation-ND  
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 25 Additional Tax Basis (permanent difference)  
 26 Tax Impact-ND  
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 28 Total Tax Impact

**PROOF**

1 Revenue  
 2  
 3 Expenses  
 4 O/M and Book Depreciation  
 5 Interest on Debt  
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 7 Income Taxes  
 8 Current Income Tax (circular reference to tax calc)  
 9 Deferred Income Tax  
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 17 Total Expenses  
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 28 **Tax Calculation**  
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 31 Less Income Taxes  
 32 Total  
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 34 Book Depreciation  
 35 Tax Depreciation  
 36 Tax Depreciation - Permanent Difference  
 37 Taxable income  
 38 Current income tax  
 39 Tie to RR calculation  
 40 Total Tax  
 41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

Line	2010							2011							2011 YE Balance
	Balance Dec-10	Actual Jan-11	Actual Feb-11	Actual Mar-11	Actual Apr-11	Actual May-11	Actual Jun-11	Actual Jul-11	Actual Aug-11	Actual Sep-11	Actual Oct-11	Actual Nov-11	Actual Dec-11		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Luverne														
3	Less: Federal Grant														
4	Accumulated Depreciation														
5	Net Plant in Service														
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9	Accum. Deferred Inc. Taxes - Federal PTC														
10	Accum. Deferred Inc. Taxes - ND ITC														
11	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
12	Accum. Deferred Inc. Taxes - ND ITC														
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC														
14	End of month rate base														
15															
16	Average rate base														
17															
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19															
20	Available for return (equity portion of rate base)														
21															
22	<b>EXPENSES</b>														
23	O&M and Depreciation														
24	Operating Costs														
25	Ground Lease Payments														
26	Property Tax														
27	Book Depreciation														
28	Total O&M and Depreciation Expense														
29															
30	Income before Taxes														
31	Available for return (from above)														
32	Less book tax credits - Federal PTC														
33	Less book tax credits - ND ITC														
34	ND ITC - Federal impact														
35	Adjusted income before interest and taxes														
36	Taxable income (grossed up)														
37															
38	Income Taxes														
39	Current and Def Income Taxes														
40	Tax Adjustment for Additional Tax Basis														
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42	ND ITC														
43	ND ITC - Federal impact														
44	Total Income Tax Expense														
45															
46															
47	<b>REVENUE REQUIRMENTS</b>														
48	Expenses														
49	Return on rate base														
50															
51	Total revenue requirements														
52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

2010

2011

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
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 6 Total  
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 27 Tax Impact-Federal  
 28 Total Tax Impact

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1 Revenue  
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 28 **Tax Calculation**  
 29 Income Before Income Taxes  
 30 Net Income after prfd  
 31 Less Income Taxes  
 32 Total  
 33  
 34 Book Depreciation  
 35 Tax Depreciation  
 36 Tax Depreciation - Permanent Difference  
 37 Taxable income  
 38 Current income tax  
 39 Tie to RR calculation  
 40 Total Tax  
 41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

Line		2011					2012					2012 YE Balance		
		Balance Dec-11	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Actual Jul-12	Actual Aug-12	Actual Sep-12		Actual Oct-12	Actual Nov-12
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
2	Plant Balance - Luverne													
3	Less: Federal Grant													
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6	Inventory													
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24	Operating Costs													
25	Ground Lease Payments													
26	Property Tax													
27	Book Depreciation													
28	Total O&M and Depreciation Expense													
29														
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37														
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46														
47	<b>REVENUE REQUIRMENTS</b>													
48	Expenses													
49	Return on rate base													
50														
51	Total revenue requirements													
52														
53	North Dakota share - E2 factor													

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

2011

2012

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

Line  
 1 MN Capstructure with allowed ROE per order.  
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 28 Total Tax Impact

**PROOF**

1 Revenue  
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 39 Tie to RR calculation  
 40 Total Tax  
 41 Income Requirement for Return

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

Line	2012							2013							2013 YE Balance
	Balance Dec-12	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Projected Nov-13	Projected Dec-13		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
2	Plant Balance - Luverne														
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48	Expenses														
49	Return on rate base														
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52															
53	North Dakota share - E2 factor														

...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

2012

2013

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

- Line 1 MN Capstructure with allowed ROE per order.
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...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

Line		2013					2014					2014 YE Balance		
		Balance Dec-13	Projected Jan-14	Projected Feb-14	Projected Mar-14	Projected Apr-14	Projected May-14	Projected Jun-14	Projected Jul-14	Projected Aug-14	Projected Sep-14		Projected Oct-14	Projected Nov-14
1	<b>RATE BASE</b>	[TRADE SECRET DATA BEGINS...]												
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..TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

2013

2014

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

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...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
 North Dakota Renewable Resource Rider  
 Luverne Wind Farm

Line	2014							2015							2015 YE Balance
	Balance Dec-14	Projected Jan-15	Projected Feb-15	Projected Mar-15	Projected Apr-15	Projected May-15	Projected Jun-15	Projected Jul-15	Projected Aug-15	Projected Sep-15	Projected Oct-15	Projected Nov-15	Projected Dec-15		
1	<b>RATE BASE</b>														
	[TRADE SECRET DATA BEGINS...]														
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...TRADE SECRET DATA ENDS]

Otter Tail Power Company  
North Dakota Renewable Resource Rider  
Luverne Wind Farm

2014

2015

**SUPPORTING INFORMATION / DATA**

[TRADE SECRET DATA BEGINS...

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...TRADE SECRET DATA ENDS]











Otter Tail Power Company  
Renewable Rider Annual Filing  
North Dakota

Line	2013											Forecast Nov-13	Forecast Dec-13	2013 YE Balance
	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13			
1	<b>TRACKER SUMMARY</b>													
2	<b>Requirements Compared to Billed:</b>													
3	Revenue Requirements													
4	Langdon	107,476.08	198,630.43	216,883.85	136,366.29	163,612.72	197,066.26	223,046.04	250,000.62	238,493.28	166,984.68	151,781.09	140,098.52	2,190,439.86
5	Ashtabula	256,607.32	333,901.04	330,413.65	225,111.47	242,932.30	340,518.91	366,181.07	401,381.72	313,829.33	266,157.82	240,467.00	226,345.07	3,543,846.70
6	Luverne	269,267.76	270,315.01	269,875.48	270,992.57	268,351.06	277,911.29	267,378.73	265,759.47	265,433.52	269,455.36	272,902.93	274,721.21	3,242,364.41
7	Total	633,351.15	802,846.48	817,172.98	632,470.34	674,896.09	815,496.46	856,605.85	917,141.81	817,756.14	702,597.86	665,151.03	641,164.80	8,976,650.97
8														
9		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Projected	2013 YE
10	Billed (forecast kWh x adj factor)	1,115,193.06	1,124,742.27	954,413.74	873,182.85	731,845.51	594,002.35	629,383.87	631,019.30	667,474.88	621,564.50	818,477.64	878,892.43	9,640,192.40
11	Renewable Energy Certificate Sales	21,618.75						107,661.75						129,280.50
12	Monthly Revenue Difference	(492,239.85)	(314,210.91)	(131,812.96)	(236,231.56)	(54,165.40)	223,889.04	123,563.43	291,013.31	157,262.50	89,144.27	(144,575.35)	(230,014.90)	
13	Cummulative Difference	1,069,821.96	755,611.06	623,798.10	387,566.54	333,401.13	557,290.18	680,853.61	971,866.92	1,129,129.42	1,218,273.69	1,073,698.34	843,683.44	
14	Deferred 2008 True-up	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Amortization of Deferred 2008 True-up	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17	7,026.17
16	Carrying Cost Adj. for rate calculation	0.00	0.00	4,480.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Adjusted Cumulative Difference	971,455.63	664,270.89	543,965.05	314,759.65	267,620.42	498,535.63	629,125.22	927,164.70	1,091,453.37	1,187,623.81	1,050,074.63	827,085.89	
18														
19														
20	Carrying Charge Calculation	7,684.89	5,427.81	4,480.95	2,784.02	2,394.93	4,003.20	4,890.80	6,981.24	8,110.91	8,751.27	7,712.73	6,060.46	
21	Cumulative Carrying Charge	601,589.25	607,017.06	611,498.01	614,282.03	616,676.96	620,680.16	625,570.96	632,552.20	640,663.11	649,414.38	657,127.11	663,187.57	
22	Annual Rate	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%
23	Monthly Rate	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%
24														
25	Life-to-Date Revenue Requirement	1,077,506.85	761,038.86	628,279.05	390,350.56	335,796.07	561,293.38	685,744.41	978,848.16	1,137,240.33	1,227,024.95	1,081,411.08	849,743.90	(0.00)
26														
27	Forecasted Sales (mWh)												174,038	174,038
28														
29	<b>REGULATORY ASSET</b>													
30	Reg Asset Account 1822.1001 should be	1,077,506.85	761,038.86	628,279.05	390,350.56	335,796.07	561,293.38	685,744.41	978,848.16	1,137,240.33	1,227,024.95	1,081,411.08	849,743.90	
31														
32	Reg Asset Account 1821.1001 & 1822.1001 balanc	1,619,287.88	1,120,751.28	800,694.11	716,258.05	480,670.91	441,679.53	677,791.08	815,001.46	1,118,022.92	1,177,371.23	1,227,024.95	1,081,411.08	
33														
34	Difference - To be booked to Reg Asset	(541,781.03)	(359,712.42)	(172,415.06)	(325,907.49)	(144,874.84)	119,613.85	7,953.33	163,846.70	19,217.41	49,653.72	(145,613.88)	(231,667.17)	

Rate Calculation - Effective April 2013 Approved 07/10/2013	
Revenue Requirements April 2013 thru March 2014	8,330,474.91
Carrying Charge (April 2013 thru Mar 2014)	55,166.71
True-up from April 2012-Mar 2013	(560,060.73)
True-up from April 2011-Mar 2012	315,071.87
True-up from April 2009-Mar 2010 (includes carrying chrg)	(175,104.97)
True-up from Jan 2008 thru Mar 2009 (includes carrying chrg)	1,190,431.02
Deferral of Jan 2008 thru Mar 2009 costs	(337,256.00)
Amortization of Deferral	337,256.00
Total Requirements	9,155,978.81
Projected Sales in mWh April 2013 thru Mar 2014	1,813,745
New Rate	\$0.00505

Otter Tail Power Company  
Renewable Rider Annual Filing  
North Dakota

Line	2014												2014 YE Balance	
	Forecast Jan-14	Forecast Feb-14	Forecast Mar-14	Forecast Apr-14	Forecast May-14	Forecast Jun-14	Forecast Jul-14	Forecast Aug-14	Forecast Sep-14	Forecast Oct-14	Forecast Nov-14	Forecast Dec-14		
1	<b>TRACKER SUMMARY</b>													
2	<b>Requirements Compared to Billed:</b>													
3	Revenue Requirements													
4	Langdon	92,453.49	143,406.87	115,377.86	160,891.11	152,757.00	181,424.94	195,755.42	176,434.16	190,195.90	160,907.07	132,062.32	120,297.32	1,821,963.45
5	Ashtabula	215,502.73	261,995.06	215,531.51	315,530.83	305,723.50	304,563.89	321,843.41	298,546.61	315,140.49	279,824.35	245,044.87	230,859.13	3,310,106.37
6	Luverne	267,029.35	267,859.15	268,680.33	273,493.78	314,511.76	317,670.14	273,493.37	273,493.37	273,493.37	273,493.37	273,493.37	273,493.78	3,350,415.59
7	Total	574,985.56	673,261.08	599,589.69	749,915.73	772,992.25	803,658.97	791,092.20	748,474.15	778,829.76	714,224.80	650,810.99	624,650.23	8,482,485.41
8														
9		Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	2014 YE
10	Billed (forecast kWh x adj factor)	1,002,868.07	1,001,537.37	886,746.52	695,979.93	576,547.38	546,071.25	565,060.24	585,279.71	581,960.47	561,586.35	667,136.47	763,667.07	8,434,440.83
11	Renewable Energy Certificate Sales													0.00
12	Monthly Revenue Difference	(421,822.05)	(325,245.92)	(286,462.81)	52,572.06	195,458.78	258,005.68	228,303.25	167,105.71	201,980.94	159,200.99	(8,619.35)	(131,372.62)	
13	Cumulative Difference	421,861.39	96,615.48	(189,847.33)	(137,275.26)	58,183.51	316,189.19	544,492.45	711,598.16	913,579.09	1,072,780.08	1,064,160.73	932,788.11	
14	Deferred 2008 True-up	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Amortization of Deferred 2008 True-up	7,026.17	7,026.17	7,026.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Carrying Cost Adj. for rate calculation	0.00	0.00	(5,844.69)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	Adjusted Cumulative Difference	412,290.01	94,070.26	(191,211.07)	(138,639.00)	56,819.78	314,825.46	543,128.71	710,234.42	912,215.35	1,071,416.34	1,062,796.99	931,424.37	
18														
19														
20	Carrying Charge Calculation	3,030.37	694.02	(1,363.74)	(986.09)	417.95	2,271.29	3,911.27	5,111.65	6,562.54	7,706.14	7,644.22	6,700.53	
21	Cumulative Carrying Charge	666,217.94	666,911.97	665,548.23	664,562.13	664,980.09	667,251.38	671,162.65	676,274.30	682,836.84	690,542.98	698,187.20	704,887.73	
22	Annual Rate	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	
23	Monthly Rate	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	0.71833%	
24														
25	Life-to-Date Revenue Requirement	424,891.77	97,309.50	(191,211.07)	(138,261.36)	58,601.47	318,460.48	548,403.72	716,709.80	920,141.63	1,080,486.22	1,071,804.95	939,488.64	(0.00)
26														
27	Forecasted Sales (mWh)	198,588	198,324	175,593	159,093	131,792	124,826	129,167	133,788	133,030	128,372	152,500	174,566	1,839,640
28														
29	<b>REGULATORY ASSET</b>													
30	Reg Asset Account 1822.1001 should be	424,891.77	97,309.50	(191,211.07)	(138,261.36)	58,601.47	318,460.48	548,403.72	716,709.80	920,141.63	1,080,486.22	1,071,804.95	939,488.64	
31														
32	Reg Asset Account 1821.1001 & 1822.1001 balanc	849,743.90	424,891.77	97,309.50	(191,211.07)	(138,261.36)	58,601.47	318,460.48	548,403.72	716,709.80	920,141.63	1,080,486.22	1,071,804.95	
33														
34	Difference - To be booked to Reg Asset	(424,852.14)	(327,582.27)	(288,520.56)	52,949.71	196,862.82	259,859.02	229,943.23	168,306.09	203,431.83	160,344.58	(8,681.27)	(132,316.31)	

Rate Calculation - Effective April 2014	
Revenue Requirements April 2014 thru March 2015	8,213,716.13
Carrying Charge (April 2014 thru Mar 2015)	45,161.55
Cumulative True-up (As of March 2014, line 25)	(191,211.07)
Deferral of Jan 2008 thru Mar 2009 costs	(337,256.00)
Amortization of Deferral	337,256.00
Total Requirements	8,067,666.61
Projected Sales in mWh April 2013 thru Mar 2014	1,844,180
New Rate	0.00437

48



Otter Tail Power Company  
Renewable Resource Rider - North Dakota  
**Rider Rate Design**

North Dakota revenue requirements

**\$8,067,667**

<b>Flat kWh Rate Design (For Reference)</b>			
	Billing kWh**	Rate per kWh	Total Revenue
All classes	1,844,179,632	<b>\$0.00437</b>	<b>\$8,067,667</b>

<b>Existing Rate Design</b>							
Class factors	Weighting	LGS		All others		Total	
ND E2*	80.40%	34.8036%	\$2,257,502	65.1964%	\$4,228,902	\$6,486,404	
ND D1*	19.60%	30.9731%	\$489,766	69.0269%	\$1,091,497	\$1,581,263	
North Dakota			\$2,747,268		\$5,320,398	<b>\$8,067,667</b>	
		LGS		All others			
		Rate	billing units**	Revenue	Rate	billing units**	Revenue
kWh billing	<b>\$0.00347</b>	635,894,955	\$2,208,804	<b>\$0.00440</b>	1,208,284,677	\$5,320,398	
kW billing	<b>\$0.489</b>	1,101,239	\$538,465	n/a	n/a	n/a	
Class revenue			\$2,747,268			\$5,320,398	
					Total North Dakota revenue	<b>\$8,067,667</b>	

\* Class factors are consistent with projected recovery period.

\*\* April 2014 - March 2015 proposed rider recovery period.

Otter Tail Power Company  
Renewable Resource Rider - North Dakota  
Actual and P Rider Rate Design

				LGS customers after April 1, 2010					Total Revenue
	Rate/kWh	kWh	Revenue	Rate/kWh	kWh	Rate/kW	kW	Revenue	
Flat kWh Rate Design (For Reference)									
Jan-2009	\$0.00193	Actual	\$394,208						\$394,208
Feb-2009	\$0.00510	Actual	920,965						920,965
Mar-2009	\$0.00510	Actual	866,474						866,474
Apr-2009	\$0.00510	Actual	774,049						774,049
May-2009	\$0.00510	Actual	606,416						606,416
Jun-2009	\$0.00510	Actual	566,287						566,287
Jul-2009	Exi \$0.00510	Actual	569,467						569,467
Aug-2009	\$0.00510	Actual	578,077						578,077
Sep-2009	\$0.00510	Actual	589,636						589,636
Oct-2009	\$0.00510	Actual	636,380						636,380
Nov-2009	\$0.00510	Actual	690,479						690,479
Dec-2009	\$0.00369	Actual	602,291						602,291
			<u>\$7,794,729</u>						<u>\$7,794,729</u>
Jan-2010	\$0.00369	Actual	\$769,785						\$769,785
Feb-2010	\$0.00369	Actual	678,100						678,100
Mar-2010	\$0.00369	Actual	612,637						612,637
Apr-2010	\$0.00369	Actual	542,911						542,911
May-2010	\$0.00369	Actual	439,016						439,016
Jun-2010	\$0.00369	Actual	417,911						417,911
Jul-2010	\$0.00369	Actual	447,431						447,431
Aug-2010	\$0.00369	Actual	487,322						487,322
Sep-2010	\$0.00551	Actual	455,045	\$ 0.00473		\$ 0.212		224,617	679,662
Oct-2010	\$0.00551	Actual	414,985	\$ 0.00473		\$ 0.212		213,045	628,031
Nov-2010	\$0.00551	Actual	530,030	\$ 0.00473		\$ 0.212		223,542	753,572
Dec-2010	\$0.00551	Actual	734,658	\$ 0.00473		\$ 0.212		232,340	966,997
			<u>\$6,529,831</u>					<u>\$893,544</u>	<u>\$7,423,375</u>
Jan-2011	\$0.00551	Actual	\$846,163	\$ 0.00473		\$ 0.212		234,099	\$1,080,262
Feb-2011	\$0.00551	Actual	806,358	\$ 0.00473		\$ 0.212		239,442	1,045,800
Mar-2011	\$0.00551	Actual	747,456	\$ 0.00473		\$ 0.212		222,691	970,147
Apr-2011	\$0.00551	Actual	\$625,290	\$ 0.00473		\$ 0.212		\$243,993	869,283
May-2011	\$0.00551	Actual	\$487,143	\$ 0.00473		\$ 0.212		\$220,061	707,203
Jun-2011	\$0.00551	Actual	\$432,594	\$ 0.00473		\$ 0.212		\$238,188	670,781
Jul-2011	\$0.00551	Actual	\$422,451	\$ 0.00473		\$ 0.212		\$238,794	\$661,245
Aug-2011	\$0.00551	Actual	\$461,630	\$ 0.00473		\$ 0.212		\$237,676	\$699,307
Sep-2011	\$0.00551	Actual	\$448,743	\$ 0.00473		\$ 0.212		\$241,973	\$690,717
Oct-2011	\$0.00551	Actual	\$405,485	\$ 0.00473		\$ 0.212		\$231,077	\$636,562
Nov-2011	\$0.00551	Actual	\$527,776	\$ 0.00473		\$ 0.212		\$234,776	\$762,552
Dec-2011	\$0.00551	Actual	\$676,465	\$ 0.00473		\$ 0.212		\$234,929	\$911,394
Jan-2012	\$0.00551	Actual	\$717,380	\$ 0.00473		\$ 0.212		\$239,383	\$956,764
Feb-2012	\$0.00551	Actual	\$744,989	\$ 0.00473		\$ 0.212		\$247,551	\$992,539
Mar-2012	\$0.00551	Actual	\$665,107	\$ 0.00473		\$ 0.212		\$229,206	\$894,313
Apr-2012	\$0.00556	Actual	\$477,712	\$ 0.00410		\$ 0.705		\$240,968	\$718,680
May-2012	\$0.00556	Actual	\$440,448	\$ 0.00410		\$ 0.705		\$238,132	\$678,580
Jun-2012	\$0.00556	Actual	\$398,477	\$ 0.00410		\$ 0.705		\$245,068	\$643,545
Jul-2012	\$0.00556	Actual	\$447,277	\$ 0.00410		\$ 0.705		\$257,646	\$704,923
Aug-2012	\$0.00556	Actual	\$491,604	\$ 0.00410		\$ 0.705		\$264,875	\$756,479
Sep-2012	\$0.00556	Actual	\$447,142	\$ 0.00410		\$ 0.705		\$258,438	\$705,580
Oct-2012	\$0.00556	Actual	\$444,590	\$ 0.00410		\$ 0.705		\$246,975	\$691,566
Nov-2012	\$0.00556	Actual	\$610,548	\$ 0.00410		\$ 0.705		\$260,980	\$871,528
Dec-2012	\$0.00556	Actual	\$687,926	\$ 0.00410		\$ 0.705		\$247,749	\$935,675
** April 2013 - March 2014 proposed rider recovery period.									
Jan-2013	\$0.00556	Actual	\$859,367	\$ 0.00410		\$ 0.705		\$255,827	\$1,115,193
Feb-2013	\$0.00556	Actual	\$867,211	\$ 0.00410		\$ 0.705		\$257,531	\$1,124,742
Mar-2013	\$0.00556	Actual	\$717,869	\$ 0.00410		\$ 0.705		\$236,545	\$954,414
Apr-2013	\$0.00518	Actual	\$651,421	\$ 0.00343		\$ 0.719		\$221,762	\$873,183
May-2013	\$0.00518	Actual	\$516,916	\$ 0.00343		\$ 0.719		\$214,930	\$731,846
Jun-2013	\$0.00518	Actual	\$383,071	\$ 0.00343		\$ 0.719		\$210,931	\$594,002
Jul-2013	\$0.00518	Actual	\$409,287	\$ 0.00343		\$ 0.719		\$220,097	\$629,384
Aug-2013	\$0.00518	Actual	\$405,646	\$ 0.00343		\$ 0.719		\$225,373	\$631,019
Sep-2013	\$0.00518	Actual	\$433,126	\$ 0.00343		\$ 0.719		\$234,349	\$667,475
Oct-2013	\$0.00518	Actual	\$401,662	\$ 0.00343		\$ 0.719		\$219,903	\$621,565
Nov-2013	\$0.00518	Actual	\$588,760	\$ 0.00343		\$ 0.719		\$229,717	\$818,478
Dec-2013	\$0.00518	122,194,017	\$632,965	\$ 0.00343	51,844,087	\$ 0.719	88,413	\$241,394	\$874,359
Jan-2014	\$0.00518	144,367,216	\$747,822	\$ 0.00343	54,220,522	\$ 0.719	91,651	\$251,873	\$999,696
Feb-2014	\$0.00518	143,767,175	\$744,714	\$ 0.00343	55,285,889	\$ 0.719	91,294	\$255,271	\$999,985
Mar-2014	\$0.00518	124,773,501	\$646,327	\$ 0.00343	54,557,056	\$ 0.719	89,873	\$251,749	\$898,076
Apr-2014	\$0.00440	106,374,862	\$468,049	\$ 0.00347	52,718,475	\$ 0.489	88,706	\$226,307	\$694,356
May-2014	\$0.00440	81,930,316	\$360,493	\$ 0.00347	49,862,058	\$ 0.489	87,127	\$215,623	\$576,116
Jun-2014	\$0.00440	72,192,110	\$317,645	\$ 0.00347	52,633,756	\$ 0.489	88,477	\$225,901	\$543,546
Jul-2014	\$0.00440	74,802,944	\$329,133	\$ 0.00347	54,363,596	\$ 0.489	91,334	\$233,300	\$562,433
Aug-2014	\$0.00440	79,136,451	\$348,200	\$ 0.00347	54,652,038	\$ 0.489	94,255	\$235,729	\$583,930
Sep-2014	\$0.00440	77,578,941	\$341,347	\$ 0.00347	55,450,806	\$ 0.489	98,945	\$240,794	\$582,142
Oct-2014	\$0.00440	77,482,368	\$340,922	\$ 0.00347	50,890,080	\$ 0.489	96,361	\$223,705	\$564,628
Nov-2014	\$0.00440	100,612,276	\$442,694	\$ 0.00347	51,887,766	\$ 0.489	94,720	\$226,365	\$669,059
Dec-2014	\$0.00440	122,862,002	\$540,593	\$ 0.00347	51,703,870	\$ 0.489	90,798	\$223,809	\$764,402
Jan-2015	\$0.00440	145,232,373	\$639,022	\$ 0.00347	54,945,061	\$ 0.489	90,712	\$235,014	\$874,036
Feb-2015	\$0.00440	144,593,765	\$636,213	\$ 0.00347	55,285,889	\$ 0.489	91,064	\$236,368	\$872,581
Mar-2015	\$0.00440	125,486,267	\$552,140	\$ 0.00347	51,501,562	\$ 0.489	88,741	\$222,101	\$774,241
<b>Projected revenue April 2014 - March 2015</b>			<b>\$5,316,453</b>					<b>\$2,777,350</b>	<b>\$8,061,470</b>
<b>Cost recovery target amount</b>									<b>8,067,667</b>
<b>Difference</b>									<b>(\$6,197)</b>
Billing determinants for recovery period									
		1,208,284,677	kWh		635,894,955	kWh		1,101,239	kW

## Attachment 6

Updated Renewable Resource Rider  
(Redline and Clean Versions)



Fergus Falls, Minnesota

**RENEWABLE RESOURCE COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
Large General Service	50-520
All Other Service	50-521

**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company’s Retail Rate Schedules.

**COST RECOVERY FACTOR:** There shall be included on each North Dakota customer’s monthly bill a Renewable Resource Cost Recovery charge (“Renewable Resource Cost”), which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company’s electric service. The following charges are applicable in addition to all charges for service being taken under the Company’s standard rate schedules and will be included in the Energy and Renewable Adjustment line item on the customer’s bill.

**RATE:**

RENEWABLE RESOURCE COST RECOVERY		
Energy Charge per kWh:	kWh	kW
<b>Large General Service (a)</b>	0. <del>34734</del> <del>3</del> ¢/kWh	\$0. <del>489719</del>
<b>All Other Service</b>	0. <del>44051</del> <del>8</del> ¢/kWh	N/A
(a) Rate schedules 10.03 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.		

**DETERMINATION OF DEMAND CHARGE (LARGE GENERAL SERVICE CLASS ONLY):** The demand charge shall be billed consistent with the billing demand as defined in the applicable rate schedule under which the Customer is taking service.

NORTH DAKOTA PUBLIC  
 SERVICE COMMISSION  
 Case No. PU-~~13-16~~ \_\_\_\_\_  
 Approved by order dated

EFFECTIVE with bills rendered on  
 and after April 1, 201~~43~~, in North Dakota

APPROVED: Thomas R. Brause  
 Vice President, Administration



Fergus Falls, Minnesota

**RENEWABLE RESOURCE COST RECOVERY RIDER**

DESCRIPTION	RATE CODE
Large General Service	50-520
All Other Service	50-521

**RULES AND REGULATIONS:** Terms and conditions of this rider and the General Rules and Regulations govern use of this schedule.

**APPLICATION OF RIDER:** This rider is applicable to electric service under all of the Company’s Retail Rate Schedules.

**COST RECOVERY FACTOR:** There shall be included on each North Dakota customer’s monthly bill a Renewable Resource Cost Recovery charge (“Renewable Resource Cost”), which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company’s electric service. The following charges are applicable in addition to all charges for service being taken under the Company’s standard rate schedules and will be included in the Energy and Renewable Adjustment line item on the customer’s bill.

**RATE:**

RENEWABLE RESOURCE COST RECOVERY			
<b>Energy Charge per kWh:</b>		kWh	kW
<b>Large General Service (a)</b>	0.347	¢/kWh	\$0.489
<b>All Other Service</b>	0.440	¢/kWh	N/A
(a) Rate schedules 10.03 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.			

**R  
R**

**DETERMINATION OF DEMAND CHARGE (LARGE GENERAL SERVICE CLASS ONLY):** The demand charge shall be billed consistent with the billing demand as defined in the applicable rate schedule under which the Customer is taking service.

NORTH DAKOTA PUBLIC  
 SERVICE COMMISSION  
 Case No. PU-\_\_\_\_\_  
 Approved by order dated

EFFECTIVE with bills rendered on  
 and after April 1, 2014, in North Dakota

APPROVED: Thomas R. Brause  
 Vice President, Administration

## Notice of change in North Dakota's Renewable Resource Cost Recovery Rider

On December 31, 2013 Otter Tail Power Company filed a request with the North Dakota Public Service Commission (Commission) to change its Renewable Resource Cost Recovery Rider Adjustment Factor which is part of the Energy and Renewable Adj. line on your electric service statement. The requested change is for bills rendered on and after April 1, 2014, subject to review and approval by the Commission. The change applied for is proposed only and, if the rates are suspended by the Commission, the new rates will not be effective until Commission action has been taken.

The following table shows the proposed rates and the impact:

	<u>Old Rates</u>		<u>New Rates</u>		<u>Impact of New Rates</u> <sup>(1)</sup>
Large General Service	\$0.791	per kW	\$0.489	per kW	(Combined below)
Large General Service	\$0.00343	per kWh	\$0.00347	per kWh	-\$181.56
All Others	\$0.00518	Per kWh	\$0.00440	per kWh	-\$0.57

<sup>(1)</sup> Assumes Otter Tail Power customer averages, Large General Service using demand of 652 kW and 383,580 kWh and 733 kWh for All Others

For additional information please visit our website at [www.otpc.com](http://www.otpc.com) for call 1-800-257-4044.