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December 30, 2016



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 2017 Renewable Resource Cost Recovery Adjustment Factor
Case No. PU-17-**

Dear Mr. Nitschke:

Please find enclosed for filing Otter Tail Power Company's (Otter Tail's) Application for its 2017 annual update to its Renewable Resource Cost Recovery Adjustment Factor under Otter Tail's Renewable Resource Cost Recovery Rider. Otter Tail is providing an original and seven copies of the Application.

Also enclosed is a check in the amount of \$50 for the filing fee.

Please refer all inquiries regarding this filing to Anthony Harris at (218) 739-8564 or aharris@otpc.com.

Sincerely,

/s/ ANTHONY HARRIS
Anthony Harris
Rates Analyst, Regulatory Administration

kaw
Enclosures
By electronic filing and U.S. mail

1 PU-17-16 Filed 12/30/2016 Pages: 60
Application for Renewable Resource Cost Recovery
Adjustment Factor
Otter Tail Power Company
Anthony Harris

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

In the Matter of Otter Tail Power Company's
Request for Approval of its 2017 Renewable
Resource Cost Recovery Adjustment Factor

Case No. PU-17-

APPLICATION

I. INTRODUCTION

Otter Tail Power Company, (Otter Tail or Company) submits this Application to the North Dakota Public Service Commission (Commission) for approval of an annual update to its Renewable Resource Cost Recovery Adjustment Factor (RRA) under the Company's Renewable Resource Cost Recovery Rider (Renewable Resource Rider or Rider). This update results in a decrease to the RRA from 7.573 percent currently to 7.005 percent for the recovery period beginning April 1, 2017.

This filing is Otter Tail's seventh annual update to the RRA for the Rider (2017 RRA) and includes actual cost and revenue information through October 2016 and forecast cost and revenue information from November 2016 through December 2018, for investments in the Langdon, Ashtabula, and Luverne Wind Projects, all located in North Dakota. The proposed effective date of this annual update is April 1, 2017.

Pursuant to NDCC § 49-05-16, the Commission made determinations of prudence for Otter Tail's investments in the Langdon, Ashtabula, and Luverne Wind Energy Projects.

This 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. *2017 Tracker Report.* Included are actual components of the Renewable Resource Tracker through October 2016 and projections through the next cost recovery period.
4. *2017 RRA.* Rate design overview, including Otter Tail's proposed rates, and resulting impact on customers' bills are included.

II. GENERAL FILING INFORMATION

Pursuant to N.D. Admin. Code § 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

Cary Stephenson
Associate General Counsel
Otter Tail Power Company
215 South Cascade Street
P.O. Box 496
Fergus Falls, Minnesota 56538-0496
(218) 739-8956
cstephenson@otpc.com

C. Date of filing and proposed effective date of rates

The date of this filing is December 30, 2016. Otter Tail proposes the 2017 RRA be reflected on customers' electric service bills effective April 1, 2017, or in the first full month following Commission approval if Commission action occurs after March 2017.

D. Title of utility employee responsible for filing

Anthony Harris
Rates Analyst
Otter Tail Power Company
215 South Cascade Street
Fergus Falls, Minnesota 56538-0496
(218) 739-8564
aharris@otpc.com

E. Articles of Incorporation

Pursuant to N.D. Admin. Code § 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 investment is under the authority granted to the Commission under N.D.C.C. ch. 49-02, ch. 49-05, and ch. 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, and became effective on February 1, 2009, subject to final review in Otter Tail’s then-pending general rate case, Case No. PU-08-862. 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), Case No. PU-08-742 and PU-08-862. The Commission’s approval affirmed 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 that Otter Tail includes in this filing. Otter Tail’s subsequent filings can be seen in the table below.

Table 1

RRA History	Case Number	Commission Approved	Effective Date
Original RRA Rate and Mechanism	PU-08-742 PU-08-862	January 14, 2009	February 1, 2009
First Update	PU-10-18	August 4, 2010	September 1, 2010
Second Update*	PU-12-24	March 21, 2012	April 1, 2012
Third Update	PU-13-16	July 10, 2013	April 1, 2013
Fourth Update	PU-14-14	March 12, 2014	April 1, 2014
Fifth Update	PU-15-14	March 25, 2015	April 1, 2015
Sixth Update	PU-16-14	June 22, 2016	July 1, 2016

*Established the current collection timeline of April through March of the following year.

This 2017 Rider update includes amounts collected from retail customers and actual costs including: a return on investment; depreciation expense; federal and state income taxes;

operation and maintenance expenses; ground lease payments; Production Tax Credits (PTCs); and the proration of Federal Accumulated Deferred Income Taxes (ADIT).

B. Eligible Projects

1. Langdon Wind Project – Attachment 1

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 – Attachment 2

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 – Attachment 3

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 requirement calculation in this filing is similar to past updates. In this Application, Otter Tail seeks to recover a total of \$9,155,816 (Attachment 4, Page 9) over the April 1, 2017 to March 31, 2018 time period, a \$105,739 decrease from the \$9,261,555 revenue requirement approved in last year's update (Case No. PU-16-14). Included in the \$9,155,816 revenue requirement is a \$656,527 under-collection from the previous period. The under-collection is primarily attributed to the current rate going into effect July 1, 2016, rather than the calculated implementation of May 1, 2016. As in the past, any under-collections or over-collections carry forward through the Rider's true-up mechanism to the following collection period.

The following provides further detail into the various sections of the revenue requirement calculations in the Renewable Resource Rider:

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. In this year's filing, the revenue requirement calculation for each project is provided on a calendar year basis starting with calendar year 2013 through calendar year 2018. Each calendar year for each project 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 expense section listing the operating and maintenance, depreciation, and income tax expenses incurred.
- c.) A revenue requirements section, summarizing the total expenses and return on rate base calculations. The North Dakota share of the revenue requirement is reflected on the last line of the first page.

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

2. Construction Work in Progress (CWIP) and Allowance for Funds Used During Construction (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). The projects included within this Filing have been placed into service.

3. Rate of return

As Ordered by the Commission in Case No. PU-16-14, the return on equity was adjusted from 10.75 percent to 10.50 percent effective May 1, 2016, resulting in a decrease in the overall rate of return on rate base from 8.62 percent to 8.48 percent. Prior to May 1, 2016, Otter Tail used the rate of return on rate base of 8.62 percent Ordered in its most recent general rate case.¹

4. Depreciation

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

¹ Case No. PU-08-862, Order dated November 25, 2009.

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 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 three percent for tax years beginning in 2005 and 2006, six percent for tax years beginning in 2007 through 2009, and nine percent thereafter. Otter Tail qualified for the deduction in 2014 so the portion of the deduction attributable to wind production was passed back to customers as a reduction in income tax expenses. Since 2014, Otter Tail has not been able to take the deduction due to the election of bonus depreciation. In the instance that Otter Tail is eligible for this deduction in 2017, the wind related 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 to earn this credit which is based on the amount of electricity generated by these facilities; a federal grant was received for the Luverne Wind Project in lieu of earning PTCs. Actual PTCs earned are included through October 2016 and forecasted amounts are shown based on projected generation levels through December 31, 2018. The federally approved inflation-adjusted per-megawatt-hour rate earned by qualifying facilities for 2010, 2011 and 2012 was \$22.00 per MWH. In April 2013, the credit increased to \$23.00 per MWH. The credit is expected to increase to \$24.00 per MWH in 2017 and has been forecasted at that level in this filing.

Per Commission Order in Case No. PU-08-742, Otter Tail flows through the full amount of the monthly PTCs earned as a credit to income tax expense in determining the revenue requirement for each project earning PTCs. Facilities which qualify for PTCs earn those credits for 10 years after the date the facility is placed into service. PTCs for the Langdon wind project end November 30, 2017 and PTCs for the Ashtabula wind project end October 31, 2018. The ability to utilize tax credits on tax returns is dictated by the amount of taxable income upon which those credits can be applied. Because of the availability of other tax benefits such as accelerated and bonus tax depreciation, certain tax years may have limited actual taxable income upon which to apply the available credits. Any PTCs that have been earned but have not been used on a tax return are recorded as a Deferred Tax Asset and included as part of rate base in the

Renewable Resource Rider. For tax purposes, PTCs can be carried forward for up to 20 years. Otter Tail expects that all credits and deductions will be used in future tax returns before they expire.

North Dakota Investment Tax Credits. All three wind projects included in the Renewable Resource Rider qualified for North Dakota Investment Tax credits (ITCs). Unlike the PTCs where the benefit is given to ratepayers immediately, the Commission ruled the ND ITCs should be amortized over the 25-year expected life of the wind farms so that all ratepayers will receive a proportional benefit throughout the useful life of the facilities. Each month throughout the life of the project, an equal amount of the tax credit is incorporated into the computation of the monthly revenue requirement.

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 and the entire tax basis qualified for the 50 percent bonus depreciation each year. This resulted in a bonus tax depreciation amount of \$57.7 million and \$43.6 million for Ashtabula and Luverne, respectively.

ADIT Proration. The proration of Federal ADIT was first incorporated into the Renewable Resource Rider in Case No. PU-16-14 after Otter Tail became aware of the requirement per Internal Revenue Service (IRS) normalization rules. Otter Tail provides Attachment 6 to this filing to show the Federal ADIT proration calculation impact on the revenue requirement for the recovery period. The methodology used for proration of Federal ADIT in this Filing is consistent with Otter Tail's most recent Transmission Cost Recovery Rider (Case No. PU-16-624) and Environmental Cost Recovery Rider (Case No. PU-16-148) updates.

In Otter Tail's next annual update to its RRA Rider, actual ADIT balances will replace the federal prorated forecast ADIT amounts included in this filing. Line 9 on Attachment 1, 2 and 3 shows the monthly proration factor that is applied to the monthly additions on lines 8, 10, 12 and 14. The impact of the Federal ADIT proration reduces the revenue requirement by approximately \$33,557.

6. Allocation to Jurisdictions

Effective May 1, 2016, the North Dakota share of the revenue requirement is based on the 2015 actual E2 allocation factor of 39.209 percent as Ordered in Case No. PU-16-14. Prior to May 1, 2016, Otter Tail used the allocation factor approved in its last General Rate Case, Case

No. PU-08-862, which is 41.018 percent. Also in that rate case, Otter Tail agreed to monitor its E2 allocation factor and address in its annual Renewable Resource Rider filings any material changes that may occur to that allocation factor. Consistent with that agreement, Otter Tail notes that the estimated allocation factor for calendar year 2017 is 37.49 percent. Over the past four full years, the estimated allocation factor change has been lower than the actual allocation factor. The 2012, 2013, 2014 and 2015 forecasts were 40.39, 39.57, 41.21 and 40.87 percent respectively. The actual allocation factors were 41.35, 42.22, 41.63 and 39.21 percent. At this time, Otter Tail proposes to continue the use of the 39.209 percent allocation factor.

D. 2017 Renewable Tracker Report

The Renewable Resource Rider cost recovery mechanism uses a tracker account, shown in Attachment 4. The tracker 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 2016 and projected information through December 2018.

E. Calculation of 2017 RRA factor and Current rate design

Otter Tail proposes the continuation of the percent-of-bill method. The rate design is simply the calculated revenue requirement from April 2017 through March 2018 divided by the total forecasted base revenue from North Dakota electric retail customers from April 2017 through March 2018. The rate design calculation is shown on Attachment 5.

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 December 2016, MISO provided the 2017/2018 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 amounts 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%	22.60%	7.86%
Langdon	40.5	29.35%	23.10%	6.78%
Luverne	49.5	35.87%	26.20%	9.40%
Total	138			24.04%

The 24.04 percent weighted average capacity factor represents a decrease compared to the 25.07 percent weighed average capacity factor used in the previous filing. Otter Tail's three wind projects continue to perform well above the MISO average capacity credit of 15.6 percent for wind farms across MISO's footprint. The Luverne Wind Project has MISO's highest capacity credit at 26.20 percent.

F. Rate Impact

This update decreases the RRA factor for all customers from 7.573 percent to 7.005 percent. The total April 2017 through March 2018 revenue requirement, as shown on page 5 of Attachment 4, is \$9,155,816. The proposed RRA factor is calculated in Attachment 5.

The impact of this update for a residential customer using 1,000 kWh is a decrease of approximately \$0.49 per month. The following table shows the estimated rate decrease over the previous rate by a residential customer using 1,000 kWh and a Large General Service customer using 400,000 kWh and 1,000 kW:

Table 2

	Average kWh per month	Total Current Bill	Total Proposed Bill	Percent Decrease
Residential	1,000	\$102.56	\$102.07	-0.480%
Large General Service	400,000	\$31,249.21	\$31,098.92	-0.481%

The proposed 2017 RRA factor is calculated assuming it is effective April 1, 2017. If implementation of the 2017 RRA occurs after April 1, 2017, Otter Tail proposes that the RRA be adjusted to recover the approved revenue requirements over the remaining months of the period, through March 2018. This approach ensures that cost recovery and the approved eligible costs match. If it is necessary to adjust the 2017 RRA, Otter Tail proposes to calculate the final 2017 RRA and include it with the corresponding rate schedule pages in a compliance filing in this case.

G. Customer Notification

Otter Tail includes a customer notice as Attachment 8 which meets the requirements of North Dakota rules.

IV. PROPOSED RATE SCHEDULE

Otter Tail's revised rate schedule number 13.04 is provided as Attachment 7, in both redline and clean versions.

V. Conclusion

Otter Tail respectfully requests the Commission approve the 2017 Renewable Resource Cost Recovery Adjustment effective April 1, 2017, based on the tracker activity and cost recovery for the Langdon, Ashtabula, and Luverne Wind Projects.

Dated: December 30, 2016

Respectfully Submitted,

OTTER TAIL POWER COMPANY

By: /s/ ANTHONY HARRIS

Anthony Harris
Rates Analyst, Regulatory Administration
Otter Tail Power Company
215 South Cascade Street
Fergus Falls, MN 56538-0496
218-739-8564
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OTTER TAIL POWER COMPANY
RENEWABLE RESOURCE RIDER 2017 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	Rate Design Calculation
Attachment 6	ADIT Proration
Attachment 7	Rate Schedule (redline and clean versions)
Attachment 8	Customer Notice

Otter Tail Power Company
North Dakota Renewable Resource Rider
Langdon 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	Actual Nov-13	Actual Dec-13	
RATE BASE															
1															
2	Plant Balance - Langdon	78,355,964.87	78,355,964.87	78,348,796.05	78,348,796.05	78,348,796.05	78,348,796.05	78,348,796.05	78,348,796.05	78,348,796.05	78,348,796.05	78,348,796.05	78,940,093.29		
3	Less: Federal Grant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	Accumulated Depreciation	(14,908,444.68)	(15,166,178.80)	(15,423,912.92)	(15,681,623.44)	(15,939,333.96)	(16,197,044.48)	(16,454,755.00)	(16,712,465.52)	(16,970,176.04)	(17,227,964.38)	(17,485,752.72)	(18,001,329.40)		
5	Net Plant in Service	63,447,520.19	63,189,786.07	62,924,883.13	62,667,172.61	62,409,462.09	62,151,751.57	61,894,041.05	61,636,330.53	61,402,399.29	61,144,610.95	60,886,822.61	60,938,763.89		
6	Inventory	222,303.92	227,177.07	213,024.98	206,911.99	214,229.64	212,152.85	210,982.42	215,539.85	224,634.73	218,652.26	212,622.35	238,027.86		
7	ADIT - NOL DTA														
8	Reversal of ADIT - NOL DTA														
9	ADIT Pro-Rated														
10	Accum. Deferred Inc. Taxes - Fed & State	(24,680,991.53)	(24,590,288.01)	(24,499,584.49)	(24,408,889.92)	(24,318,195.36)	(24,227,500.79)	(24,136,806.22)	(24,046,111.66)	(23,955,417.09)	(23,864,692.99)	(23,773,968.90)	(23,592,520.71)		
11	Accum. Deferred Inc. Taxes - Basis Difference	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12	Accum. Deferred Inc. Taxes - Federal PTC	10,046,172.49	9,620,640.56	9,068,673.23	8,497,065.68	8,047,814.74	7,566,612.45	7,020,155.59	6,430,928.80	5,806,913.67	5,282,308.21	4,771,720.10	3,918,979.61		
13	Accum. Deferred Inc. Taxes - ND ITC	3,252,528.01	3,252,528.01	3,252,528.01	3,252,528.01	3,252,528.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00 x		
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(1,138,384.79)	(1,138,384.79)	(1,138,384.79)	(1,138,384.79)	(1,138,384.79)	0.00	0.00	0.00	0.00	0.00	0.00	0.00 x		
15	Accum. Deferred Inc. Taxes - ND ITC	(2,848,527.07)	(2,836,608.55)	(2,824,690.03)	(2,812,771.51)	(2,800,852.99)	449,752.99	447,830.97	445,908.95	443,986.93	442,064.91	440,142.89	438,220.87		
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	996,984.48	992,813.00	988,641.52	984,470.04	980,298.56	(157,413.73)	(156,741.02)	(156,068.31)	(155,395.60)	(154,722.89)	(154,050.18)	(152,377.47) x		
17	End of month rate base	49,297,605.70	48,717,663.36	47,985,091.57	47,248,102.11	46,646,899.91	45,995,355.34	45,279,462.79	44,526,528.17	43,767,121.93	43,068,220.45	42,383,288.88	41,786,844.74		
18															
19	Average rate base	50,110,277.23	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86	45,269,689.86		
20															
21	Return on Rate Base	4,317,526.54	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	3,900,459.11		
22															
23	Available for return (equity portion of rate base)	2,871,193.61	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	2,593,840.05		
24															
EXPENSES															
<i>O&M and Depreciation</i>															
26															
27	Operating Costs		49,230.24	66,382.08	79,050.19	81,214.69	81,223.00	56,938.19	50,902.83	60,190.11	193,300.63	41,701.61	65,611.04	874,993.42	
28	Ground Lease Payments		9,882.14	9,882.08	9,882.08	9,882.08	9,882.08	9,882.08	9,882.08	9,882.08	9,882.08	9,882.08	9,882.08	118,585.02	
29	Property Tax		18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00	146,291.00	
30	Book Depreciation	(0)	257,734.12	257,734.12	257,710.52	257,710.52	257,710.52	257,710.52	257,710.52	257,710.52	257,788.34	257,788.34	257,788.34	3,092,884.72	
31	Total O&M and Depreciation Expense	0	334,846.50	351,998.28	364,642.79	366,807.29	366,815.60	342,530.79	336,495.43	345,782.71	478,971.05	327,372.03	351,281.46	4,232,754.16	
32															
33	Income before Taxes														
34	Available for return (from above)		216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	216,153.34	2,593,840.05	
35	Less book tax credits - Federal PTC	0	(350,354.73)	(223,919.34)	(204,279.11)	(326,635.73)	(294,684.37)	(229,429.81)	(186,659.88)	(151,871.53)	(251,281.21)	(265,298.56)	(364,873.20)	(3,183,447.11)	
36	Less book tax credits - ND ITC		(11,918.52)	(11,918.52)	(11,918.52)	(11,918.52)	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	(32,297.92)	
37	ND ITC - Federal impact		4,171.48	4,171.48	4,171.48	4,171.48	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	11,304.24	
38	Less: Section 199 Deduction														
39	Adjusted Income before interest and taxes		(141,948.43)	(15,513.05)	4,127.19	(118,229.44)	(77,281.72)	(12,027.16)	30,742.77	65,531.12	(33,878.56)	(47,895.91)	(147,470.55)	(610,600.74)	
40	Taxable Income (grossed up)	1,611,461	(228,744.32)	(24,998.66)	6,650.80	(190,522.09)	(124,536.46)	(19,381.29)	49,540.76	105,600.82	(54,593.97)	(77,182.38)	(237,642.99)	(983,959.10)	
41															
42	Income Taxes														
43	Current and Def Income Taxes	37.945%	(86,795.89)	(9,485.62)	2,523.61	(72,292.65)	(47,254.74)	(7,354.14)	18,797.99	40,069.70	(20,715.41)	(29,286.47)	(90,172.45)	(373,358.36)	
44	Tax Adjustment for Additional Tax Basis	33.415%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45	Federal PTC	4.53%	(350,354.73)	(223,919.34)	(204,279.11)	(326,635.73)	(294,684.37)	(229,429.81)	(186,659.88)	(151,871.53)	(251,281.21)	(265,298.56)	(364,873.20)	(3,183,447.11)	
46	ND ITC		(11,918.52)	(11,918.52)	(11,918.52)	(11,918.52)	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	(32,297.92)	
47	ND ITC - Federal impact		4,171.48	4,171.48	4,171.48	4,171.48	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	11,304.24	
48	Total Income Tax Expense		(444,897.66)	(241,152.00)	(209,502.53)	(406,675.43)	(340,689.80)	(235,534.63)	(166,612.58)	(110,552.52)	(270,747.31)	(293,335.72)	(453,796.33)	(3,577,799.15)	
49															
REVENUE REQUIREMENTS															
51	Expenses		(110,051.16)	110,846.28	155,140.26	(39,868.14)	26,125.80	106,996.16	169,882.85	235,230.19	208,223.74	34,036.31	(102,514.87)	(139,092.41)	654,955.01
52	Return on rate base		325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	325,038.26	3,900,459.11	
53															
54	Total revenue requirements		214,987.10	435,884.54	480,178.52	285,170.12	351,164.06	432,034.42	494,921.11	560,268.45	533,262.00	359,074.57	222,523.39	185,945.85	4,555,414.12
55															
56	North Dakota share - E2 factor	41.018%	88,183.36	178,791.01	196,959.50	116,971.01	144,040.39	177,211.77	203,006.62	229,810.77	218,733.27	147,285.12	91,274.59	76,271.22	1,868,538.63

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

Line	2013							2014							2014 YE Balance
	Balance Dec-13	Actual Jan-14	Actual Feb-14	Actual Mar-14	Actual Apr-14	Actual May-14	Actual Jun-14	Actual Jul-14	Actual Aug-14	Actual Sep-14	Actual Oct-14	Actual Nov-14	Actual Dec-14		
1	RATE BASE														
2	Plant Balance - Langdon	78,940,093.29	78,940,093.30	78,940,093.30	78,940,093.30	79,113,402.93	79,113,402.93	79,113,402.93	79,113,402.93	79,113,402.93	79,113,402.93	79,007,559.79	79,988,192.85	78,988,192.85	
3	Less: Federal Grant	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	
4	Accumulated Depreciation	(18,001,329.40)	(18,274,014.79)	(18,546,700.19)	(18,819,385.58)	(19,092,070.98)	(19,365,355.05)	(19,638,639.11)	(19,911,923.18)	(20,185,207.24)	(20,458,491.30)	(20,731,775.37)	(21,004,693.82)	(21,280,999.70)	
5	Net Plant in Service	60,938,763.89	60,666,078.51	60,393,393.11	60,120,707.72	60,021,331.95	59,748,047.88	59,474,763.82	59,201,479.75	58,928,195.69	58,654,911.63	58,275,784.42	58,983,499.03	57,707,193.15	
6	Inventory	238,027.86	231,992.98	222,186.90	218,071.50	204,103.16	194,519.20	199,885.92	218,005.73	291,234.81	229,824.70	243,679.51	243,713.77	240,343.63	
7	ADIT - NOL DTA														
8	Reversal of ADIT - NOL DTA														
9	ADIT Pro-Rated														
10	Accum. Deferred Inc. Taxes - Fed & State	(23,592,520.71)	(23,490,463.67)	(23,388,406.63)	(23,286,349.59)	(23,184,292.55)	(23,082,008.35)	(22,979,724.15)	(22,877,439.94)	(22,775,155.74)	(22,672,871.54)	(22,570,587.34)	(22,468,441.87)	(22,365,011.05)	
11	Accum. Deferred Inc. Taxes - Basis Difference	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	
12	Accum. Deferred Inc. Taxes - Federal PTC	3,918,979.61	3,742,525.22	3,556,896.78	3,359,128.91	3,173,934.32	2,902,097.48	2,644,478.26	2,348,979.92	1,965,563.32	1,733,750.35	1,614,559.66	1,460,933.74	1,082,255.74	
13	Accum. Deferred Inc. Taxes - ND ITC	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	
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	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	Accum. Deferred Inc. Taxes - ND ITC	436,298.85	434,376.83	432,454.81	430,532.79	428,610.77	426,688.75	424,766.73	422,844.71	420,922.69	419,000.67	417,078.65	415,156.63	413,234.61	
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(152,704.76)	(152,032.05)	(151,359.34)	(150,686.64)	(150,013.93)	(149,341.22)	(148,668.51)	(147,995.81)	(147,323.10)	(146,650.39)	(145,977.69)	(145,304.98)	(144,632.27)	
17	End of month rate base	41,786,844.74	41,432,477.82	41,065,165.63	40,691,404.69	40,493,673.72	40,040,003.75	39,615,502.07	39,165,874.36	38,683,437.67	38,217,965.41	37,834,537.21	38,489,556.32	36,933,383.80	
18															
19	Average rate base	45,269,689.86	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	39,573,063.63	
20															
21	Return on Rate Base	3,900,459.11	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	
22															
23	Available for return (equity portion of rate base)	2,593,840.05	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	
24															
25	EXPENSES														
26	O&M and Depreciation														
27	Operating Costs		66,296.69	97,324.54	71,548.67	83,759.14	84,184.29	63,291.25	61,088.74	22,164.27	123,653.16	71,696.31	68,923.35	63,817.07	877,747.48
28	Ground Lease Payments		10,079.51	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	10,079.72	120,956.43
29	Property Tax		12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	12,200.00	2,478.00	136,678.00
30	Book Depreciation	0	272,685.40	272,685.40	272,685.40	272,685.40	273,284.06	273,284.06	273,284.06	273,284.06	273,284.06	273,284.06	272,918.45	276,305.88	3,279,670.30
31	Total O&M and Depreciation Expense	0	361,261.60	392,289.66	366,513.79	378,724.26	379,748.07	358,855.03	356,652.52	317,728.05	419,216.94	367,260.09	364,121.52	352,680.67	4,415,052.21
32															
33	Income before Taxes														
34	Available for return (from above)		188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	188,953.13	2,267,437.61
35	Less book tax credits - Federal PTC	0	(358,094.61)	(348,920.56)	(336,781.13)	(349,354.41)	(262,712.16)	(276,929.78)	(239,050.66)	(151,132.40)	(302,736.03)	(415,358.31)	(380,923.08)	(155,871.00)	(3,577,864.13)
36	Less book tax credits - ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	23,064.24
37	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(8,072.48)
38	Less: Section 199 Deduction		(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(23,322.42)	(279,869.00)
39	Adjusted Income before interest and taxes		(191,214.58)	(182,040.53)	(169,901.10)	(182,474.38)	(95,832.13)	(110,049.74)	(72,170.63)	15,747.63	(135,856.00)	(248,478.28)	(214,043.05)	11,009.03	(1,575,303.76)
40	Taxable Income (grossed up)	1,611,461	(308,134.79)	(293,351.16)	(273,788.95)	(294,050.29)	(154,429.72)	(177,340.84)	(116,300.13)	25,376.69	(218,926.60)	(400,412.99)	(344,921.96)	17,740.62	(2,538,540.11)
41															
42	Income Taxes														
43	Current and Def Income Taxes	37.945%	(116,920.20)	(111,310.63)	(103,887.85)	(111,575.91)	(58,597.58)	(67,291.09)	(44,129.50)	9,629.06	(83,070.60)	(151,934.71)	(130,878.91)	6,731.59	(963,236.35)
44	Tax Adjustment for Additional Tax Basis	33.415%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45	Federal PTC	4.53%	(358,094.61)	(348,920.56)	(336,781.13)	(349,354.41)	(262,712.16)	(276,929.78)	(239,050.66)	(151,132.40)	(302,736.03)	(415,358.31)	(380,923.08)	(155,871.00)	(3,577,864.13)
46	ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	23,064.24
47	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(8,072.48)
48	Total Income Tax Expense		(473,765.50)	(458,981.87)	(439,419.67)	(459,681.00)	(320,060.44)	(342,971.56)	(281,930.85)	(140,254.03)	(384,557.32)	(566,043.70)	(510,552.68)	(147,890.10)	(4,526,108.73)
49															
50	REVENUE REQUIREMENTS														
51	Expenses		(112,503.91)	(66,692.22)	(72,905.88)	(80,956.75)	59,687.64	15,883.48	74,721.67	177,474.02	34,659.63	(198,783.61)	(146,431.16)	204,790.57	(111,056.52)
52	Return on rate base		284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	284,136.25	3,409,634.95
53															
54	Total revenue requirements		171,632.34	217,444.03	211,230.36	203,179.50	343,823.89	300,019.72	358,857.92	461,610.27	318,795.87	85,352.64	137,705.08	488,926.82	3,298,578.43
55															
56	North Dakota share - E2 factor	41.018%	70,400.11	89,191.14	86,642.42	83,340.12	141,029.60	123,062.02	147,196.25	189,343.18	130,763.61	35,009.92	56,483.84	200,547.88	1,353,010.08

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

Line	2014						2015						2015 YE Balance	
	Balance Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15		Actual Dec-15
RATE BASE														
1	Plant Balance - Langdon	78,988,192.85	78,988,192.85	78,988,192.85	78,988,192.85	78,988,192.85	78,988,192.85	78,988,192.85	78,988,224.76	78,988,224.76	78,988,224.76	78,988,224.76	79,140,417.02	
2	Less: Federal Grant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Accumulated Depreciation	(21,280,999.70)	(21,554,364.67)	(21,827,729.64)	(22,101,094.61)	(22,374,459.58)	(22,647,824.55)	(22,921,189.52)	(23,194,554.49)	(23,467,919.46)	(23,741,284.55)	(24,014,649.63)	(24,288,014.71)	
4	Net Plant in Service	57,707,193.15	57,433,828.18	57,160,463.21	56,887,098.24	56,613,733.27	56,340,368.30	56,067,003.33	55,793,638.36	55,520,305.30	55,246,940.21	54,973,575.13	54,700,210.05	
5	Inventory	240,343.63	237,531.56	239,083.60	227,892.44	286,942.63	246,752.78	254,187.15	301,735.42	272,566.55	284,268.68	279,362.93	272,161.19	
6	ADIT - NOL DTA	0.00	1,674.42	3,348.83	5,023.25	6,697.67	8,372.08	10,046.50	11,720.92	13,395.33	15,069.75	16,744.17	18,418.58	
7	Reversal of ADIT - NOL DTA	0.00											20,093.00	
8	ADIT Pro-Rated												0.00	
9	Accum. Deferred Inc. Taxes - Fed & State	(22,365,011.05)	(22,265,112.26)	(22,165,213.46)	(22,065,314.67)	(21,965,415.87)	(21,865,517.08)	(21,765,618.28)	(21,665,719.49)	(21,565,820.69)	(21,465,921.85)	(21,366,023.02)	(21,266,124.18)	
10	Accum. Deferred Inc. Taxes - Basis Difference	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	Accum. Deferred Inc. Taxes - Federal PTC	1,082,255.74	1,409,599.90	1,729,772.57	2,118,956.22	2,444,223.37	2,727,018.19	2,923,052.27	3,151,057.39	3,375,079.99	3,668,454.30	4,057,474.44	4,344,160.95	
12	Accum. Deferred Inc. Taxes - ND ITC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	
14	Accum. Deferred Inc. Taxes - ND ITC	413,234.61	411,312.59	409,390.57	407,468.55	405,546.53	403,624.51	401,702.49	399,780.47	397,858.45	395,936.43	394,014.41	392,092.39	
15	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(144,632.27)	(143,959.57)	(143,286.86)	(142,614.15)	(141,941.44)	(141,268.74)	(140,596.03)	(139,923.32)	(139,250.62)	(138,577.91)	(137,905.20)	(137,232.50)	
16	End of month rate base	36,933,383.80	37,084,874.83	37,233,558.47	37,438,509.88	37,649,786.15	37,719,350.05	37,749,777.43	37,852,289.75	37,874,134.31	38,006,169.62	38,217,242.86	38,321,409.13	
17	Average rate base	39,573,063.63	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	37,737,378.08	
18														
19	Return on Rate Base	3,409,634.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	
20														
21	Available for return (equity portion of rate base)	2,267,437.61	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	
22														
23														
24														
25	EXPENSES													
26	<i>O&M and Depreciation</i>													
27	Operating Costs		55,358.01	79,477.97	94,804.95	48,056.69	101,411.57	69,102.93	62,722.26	110,294.35	65,215.18	58,169.67	56,227.78	
28	Ground Lease Payments		10,281.37	10,281.31	10,281.31	10,281.31	10,281.31	10,281.31	10,281.31	10,281.31	10,281.31	10,281.31	10,281.31	
29	Property Tax		11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	11,832.00	
30	Book Depreciation	0	273,364.97	273,364.97	273,364.97	273,364.97	273,364.97	273,364.97	273,364.97	273,364.97	273,365.08	273,365.08	273,365.08	
31	Total O&M and Depreciation Expense	0	350,836.35	374,956.25	390,283.23	343,534.97	396,889.85	364,581.21	358,200.54	405,772.63	360,693.57	353,648.06	351,706.17	
32														
33	Income before Taxes													
34	Available for return (from above)		180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	180,188.12	
35	Less book tax credits - Federal PTC	0	(327,344.17)	(320,172.67)	(389,183.64)	(325,267.15)	(282,794.82)	(196,034.08)	(228,005.12)	(224,022.60)	(293,374.32)	(389,020.14)	(286,686.51)	
36	Less book tax credits - ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	
37	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	
38	Less: Section 199 Deduction													
39	Adjusted Income before interest and taxes		(145,906.73)	(138,735.24)	(207,746.21)	(143,829.72)	(101,357.39)	(14,596.65)	(46,567.69)	(42,585.17)	(111,936.88)	(207,582.71)	(105,249.08)	
40	Taxable Income (grossed up)	1,607,756	(234,582.40)	(223,052.39)	(334,005.18)	(231,243.07)	(162,957.93)	(23,467.85)	(74,869.47)	(68,466.55)	(179,967.18)	(333,742.30)	(169,214.82)	
41														
42	Income Taxes													
43	Current and Def Income Taxes	37.802%	(88,675.67)	(84,317.15)	(126,258.97)	(87,413.35)	(61,600.54)	(8,871.20)	(28,301.78)	(25,881.38)	(68,030.29)	(126,159.60)	(63,965.74)	
44	Tax Adjustment for Additional Tax Basis	33.492%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45	Federal PTC	4.3100%	(327,344.17)	(320,172.67)	(389,183.64)	(325,267.15)	(282,794.82)	(196,034.08)	(228,005.12)	(224,022.60)	(293,374.32)	(389,020.14)	(286,686.51)	
46	ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	
47	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	
48	Total Income Tax Expense		(414,770.52)	(403,240.51)	(514,193.30)	(411,431.18)	(343,146.05)	(203,655.97)	(255,057.59)	(248,654.67)	(360,155.29)	(513,930.42)	(349,402.94)	
49														
50	REVENUE REQUIREMENTS													
51	Expenses		(63,934.17)	(28,284.26)	(123,910.07)	(67,896.21)	53,743.80	160,925.24	103,142.95	157,117.96	538.28	(160,282.36)	2,303.23	
52	Return on rate base		270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	270,955.95	139,814.91	
53													173,279.31	
54	Total revenue requirements		207,021.78	242,671.69	147,045.88	203,059.73	324,699.75	431,881.19	374,098.90	428,073.91	271,494.22	110,673.59	273,259.18	
55													410,770.86	
56	North Dakota share - E2 factor	41.018%	84,916.14	99,539.01	60,315.24	83,290.99	133,185.26	177,148.92	153,447.79	175,587.25	111,361.43	45,396.06	112,085.38	
													168,489.89	
													1,404,763.37	

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

Line	2015						2016						Projected Nov-16	Projected Dec-16	2016 YE Balance
	Balance Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16				
RATE BASE															
1	Plant Balance - Langdon	79,140,417.02	79,140,417.02	79,140,417.02	79,140,417.02	79,140,417.02	79,130,117.02	79,130,117.02	79,130,117.02	79,130,117.02	79,130,117.02	79,130,117.02	79,353,436.37	79,399,040.90	
2	Less: Federal Grant	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	
3	Accumulated Depreciation	(24,561,379.79)	(24,835,119.90)	(25,108,860.00)	(25,382,600.11)	(25,656,340.22)	(25,930,080.33)	(26,203,784.81)	(26,477,489.29)	(26,751,193.77)	(27,024,898.25)	(27,298,602.73)	(27,572,307.21)	(27,846,784.13)	
4	Net Plant in Service	54,579,037.23	54,305,297.12	54,031,557.02	53,757,816.91	53,484,076.80	53,200,036.69	52,926,332.21	52,652,627.73	52,378,923.25	52,105,218.77	51,831,514.29	51,781,129.16	51,552,256.77	
5	Inventory	272,161.19	247,498.70	252,647.41	253,781.24	247,365.27	262,268.58	244,357.43	254,479.58	249,541.98	251,468.15	260,101.39	260,101.39	260,101.39	
6	ADIT - NOL DTA	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	
7	Reversal of ADIT - NOL DTA	0.00	(1,169.33)	(2,338.67)	(3,508.00)	(4,677.33)	(5,846.67)	(7,016.00)	(8,185.33)	(9,354.67)	(10,524.00)	(11,693.33)	(12,862.67)	(14,032.00)	
8	ADIT Pro-Rated		1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	
9	Accum. Deferred Inc. Taxes - Fed & State	(21,166,225.34)	(21,068,860.33)	(20,971,495.31)	(20,874,130.30)	(20,776,765.29)	(20,679,400.27)	(20,582,048.72)	(20,484,697.18)	(20,387,345.63)	(20,289,994.08)	(20,192,642.54)	(20,095,290.99)	(19,997,647.45)	
10	Accum. Deferred Inc. Taxes - Basis Difference	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	
11	Accum. Deferred Inc. Taxes - Federal PTC	4,546,752.11	4,807,579.10	5,055,770.86	5,317,304.48	5,691,590.13	5,993,410.78	6,251,622.71	6,450,003.90	6,654,048.86	6,943,978.28	7,297,883.81	7,619,883.81	7,891,283.81	
12	Accum. Deferred Inc. Taxes - ND ITC	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	
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(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)	
14	Accum. Deferred Inc. Taxes - ND ITC	390,170.37	388,248.35	386,326.33	384,404.31	382,482.29	380,560.27	378,638.25	376,716.23	374,794.21	372,872.19	370,950.17	369,028.15	367,106.13	
15	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(136,559.79)	(135,887.08)	(135,214.37)	(134,541.67)	(133,868.96)	(133,196.25)	(132,523.55)	(131,850.84)	(131,178.13)	(130,505.43)	(129,832.72)	(129,160.01)	(128,487.30)	
16	End of month rate base	38,505,428.77	38,562,799.53	38,637,346.26	38,721,219.97	38,910,295.91	39,037,926.13	39,099,455.34	39,129,187.09	39,149,522.87	39,262,606.88	39,446,374.07	39,812,921.85	39,950,674.35	
17	Average rate base	37,737,378.08	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16	39,094,289.16
18															
19	Return on Rate Base		280,698.63	280,698.63	280,698.63	280,698.63	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	3,333,654.74
20															
21	Available for return (equity portion of rate base)		186,667.09	186,667.09	186,667.09	186,667.09	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	2,205,276.27
22															
23															
24															
25	EXPENSES														
26	<i>O&M and Depreciation</i>														
27	Operating Costs		86,270.07	56,862.95	62,241.71	67,650.16	52,184.14	78,491.96	66,995.21	79,696.91	87,134.99	35,324.06	76,371.45	74,746.33	823,969.94
28	Ground Lease Payments		10,486.85	10,486.94	10,486.94	10,486.94	10,486.94	10,486.94	10,486.94	10,486.94	10,486.94	10,486.94	13,018.21	12,774.44	130,661.96
29	Property Tax		9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	113,256.00
30	Book Depreciation	0	273,740.11	273,740.11	273,740.11	273,740.11	273,740.11	273,740.11	273,740.48	273,704.48	273,704.48	273,704.48	273,704.48	274,476.92	3,285,404.34
31	Total O&M and Depreciation Expense	0	379,935.03	350,528.00	355,906.76	361,315.21	345,849.19	372,121.38	360,624.63	373,326.33	380,764.41	328,953.48	372,532.13	371,435.69	4,353,292.24
32															
33	Income before Taxes														
34	Available for return (from above)		186,667.09	186,667.09	186,667.09	186,667.09	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	182,325.99	2,205,276.27
35	Less book tax credits - Federal PTC	0	(260,826.99)	(248,191.76)	(261,533.62)	(374,285.65)	(301,820.65)	(258,211.94)	(198,381.19)	(204,044.96)	(289,929.42)	(353,905.53)	(322,000.00)	(271,400.00)	(3,344,531.71)
36	Less book tax credits - ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	23,064.24
37	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(8,072.48)
38	Less: Section 199 Deduction														
39	Adjusted Income before interest and taxes		(72,910.59)	(60,275.36)	(73,617.22)	(186,369.25)	(118,245.35)	(74,636.63)	(14,805.88)	(20,469.66)	(106,354.12)	(170,330.23)	(138,424.70)	(87,824.70)	(1,124,263.68)
40	Taxable Income (grossed up)	1,607,756	(117,222.43)	(96,908.06)	(118,358.52)	(299,636.24)	(190,109.64)	(119,997.48)	(23,804.24)	(32,910.21)	(170,991.45)	(273,849.41)	(222,553.11)	(141,200.67)	(1,807,541.46)
41															
42	Income Taxes														
43	Current and Def Income Taxes	37.802%	(44,311.84)	(36,632.70)	(44,741.29)	(113,266.99)	(71,864.30)	(45,360.85)	(8,998.36)	(12,440.55)	(64,637.33)	(103,519.19)	(84,128.41)	(53,375.97)	(683,277.79)
44	Tax Adjustment for Additional Tax Basis	33.492%	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
45	Federal PTC	4.310%	(260,826.99)	(248,191.76)	(261,533.62)	(374,285.65)	(301,820.65)	(258,211.94)	(198,381.19)	(204,044.96)	(289,929.42)	(353,905.53)	(322,000.00)	(271,400.00)	(3,344,531.71)
46	ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	23,064.24
47	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(8,072.48)
48	Total Income Tax Expense		(303,889.52)	(283,575.14)	(305,025.60)	(486,303.33)	(372,435.64)	(302,323.47)	(206,130.24)	(215,236.20)	(353,317.44)	(456,175.40)	(404,879.10)	(323,526.66)	(4,012,817.74)
49															
50	REVENUE REQUIREMENTS														
51	Expenses		76,045.51	66,952.85	50,881.15	(124,988.12)	(26,586.45)	69,797.91	154,494.40	158,090.13	27,446.97	(127,221.92)	(32,346.97)	47,909.04	340,474.50
52	Return on rate base		280,698.63	280,698.63	280,698.63	280,698.63	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	276,357.53	3,333,654.74
53															
54	Total revenue requirements		356,744.14	347,651.48	331,579.78	155,710.50	249,771.08	346,155.44	430,851.93	434,447.66	303,804.50	149,135.61	244,010.56	324,266.57	3,674,129.24
55															
56	North Dakota share - E2 factor	41.018%	146,329.22	142,599.60	136,007.31	63,869.30	97,933.44	135,725.05	168,933.94	170,343.80	119,119.56	58,475.00	95,674.78	127,142.59	1,462,153.59

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

Line	2016						2017						2017 YE Balance		
	Balance Dec-16	Projected Jan-17	Projected Feb-17	Projected Mar-17	Projected Apr-17	Projected May-17	Projected Jun-17	Projected Jul-17	Projected Aug-17	Projected Sep-17	Projected Oct-17	Projected Nov-17		Projected Dec-17	
1	RATE BASE														
2	Plant Balance - Langdon	79,399,040.90	79,399,040.90	79,399,040.90	79,466,090.76	79,466,090.76	79,466,090.76	79,566,665.55	79,566,665.55	79,566,665.55	79,734,290.20	79,734,290.20	79,734,290.20	79,901,914.85	
3	Less: Federal Grant	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	
4	Accumulated Depreciation	(27,846,784.13)	(28,121,418.80)	(28,396,053.46)	(28,670,688.13)	(28,945,554.72)	(29,220,421.30)	(29,495,287.89)	(29,770,502.35)	(30,045,716.82)	(30,320,931.28)	(30,596,725.55)	(30,872,519.82)	(31,148,314.08)	
5	Net Plant in Service	51,552,256.77	51,277,622.10	51,002,987.44	50,795,402.63	50,520,536.05	50,245,669.46	50,071,377.66	49,796,163.20	49,520,948.73	49,413,358.91	49,137,564.65	48,861,770.38	48,753,600.77	
6	Inventory	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	260,101.39	
7	ADIT - NOL DTA	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	20,093.00	
8	Reversal of ADIT - NOL DTA	(14,032.00)	(14,537.08)	(15,042.17)	(15,547.25)	(16,052.33)	(16,557.42)	(17,062.50)	(17,567.58)	(18,072.67)	(18,577.75)	(19,082.83)	(19,587.92)	(20,093.00)	
9	ADIT Pro-Rated	1,000,000	1,000,000	1,000,000	1,000,000	0.920548	0.835616	0.753425	0.668493	0.583562	0.501370	0.416438	0.334247	0.249315	
10	Accum. Deferred Inc. Taxes - Fed & State	(19,997,647.45)	(19,905,347.53)	(19,813,047.60)	(19,720,747.68)	(19,634,863.54)	(19,555,931.38)	(19,483,726.94)	(19,418,381.58)	(19,359,998.09)	(19,308,351.90)	(19,263,561.72)	(19,225,524.79)	(19,194,466.22)	
11	Accum. Deferred Inc. Taxes - Basis Difference	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	
12	Accum. Deferred Inc. Taxes - Federal PTC	7,891,283.81	8,032,532.56	8,128,181.31	8,211,830.06	8,326,678.81	8,439,127.56	8,479,576.31	8,481,625.06	8,478,873.81	8,574,522.56	8,725,371.31	8,854,620.06	8,647,868.81	
13	Accum. Deferred Inc. Taxes - ND ITC	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	
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(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	Accum. Deferred Inc. Taxes - ND ITC	367,106.13	365,184.11	363,262.09	361,340.07	359,418.05	357,496.03	355,574.01	353,651.99	351,729.97	349,807.95	347,885.93	345,963.91	344,041.89	
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(128,487.30)	(127,814.60)	(127,141.89)	(126,469.18)	(125,796.48)	(125,123.77)	(124,451.06)	(123,778.36)	(123,105.65)	(122,432.94)	(121,760.23)	(121,087.53)	(120,414.82)	
17	End of month rate base	39,950,674.35	39,907,833.96	39,819,393.57	39,786,003.04	39,710,114.95	39,624,874.88	39,561,481.88	39,551,907.12	39,130,570.50	39,168,521.23	39,086,611.50	38,976,348.52	38,690,731.82	
18															
19	Average rate base	39,094,289.16	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	39,443,466.72	
20															
21	Return on Rate Base		278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	
22															
23	Available for return (equity portion of rate base)		183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	
24															
25	EXPENSES														
26	O&M and Depreciation														
27	Operating Costs		74,137.19	67,019.21	109,784.91	97,448.44	90,384.66	67,938.23	69,486.59	68,693.19	87,021.45	87,275.60	68,328.01	68,742.30	956,259.79
28	Ground Lease Payments		11,345.19	11,345.26	11,345.26	11,344.20	11,344.20	11,344.20	11,344.20	11,344.20	11,344.20	11,344.20	11,344.20	11,344.20	136,133.55
29	Property Tax		9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	9,438.00	113,256.00
30	Book Depreciation	0	274,634.67	274,634.67	274,634.67	274,866.59	274,866.59	274,866.59	275,214.47	275,214.47	275,214.47	275,794.27	275,794.27	275,794.27	3,301,529.95
31	Total O&M and Depreciation Expense	0	369,555.05	362,437.15	405,202.84	393,097.22	386,033.45	363,587.02	365,483.26	364,689.86	383,018.12	383,852.07	364,904.48	365,318.76	4,507,179.28
32															
33	Income before Taxes														
34	Available for return (from above)		183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	183,954.47	2,207,453.61
35	Less book tax credits - Federal PTC	0	(348,000.00)	(302,400.00)	(290,400.00)	(321,600.00)	(319,200.00)	(247,200.00)	(208,800.00)	(204,000.00)	(302,400.00)	(357,600.00)	(336,000.00)	0.00	(3,237,600.00)
36	Less book tax credits - ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	23,064.24
37	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(8,072.48)
38	Less: Section 199 Deduction														
39	Adjusted Income before interest and taxes		(162,796.22)	(117,196.22)	(105,196.22)	(136,396.22)	(133,996.22)	(61,996.22)	(23,596.22)	(18,796.22)	(117,196.22)	(172,396.22)	(150,796.22)	185,203.78	(1,015,154.63)
40	Taxable Income (grossed up)	1,607,756	(261,736.57)	(188,422.90)	(169,129.83)	(219,291.81)	(215,433.20)	(99,674.78)	(37,936.96)	(30,219.73)	(188,422.90)	(277,171.02)	(242,443.50)	297,762.46	(1,632,120.76)
41															
42	Income Taxes														
43	Current and Def Income Taxes	37.802%	(98,940.35)	(71,226.68)	(63,933.61)	(82,895.60)	(81,436.98)	(37,678.56)	(14,340.74)	(11,423.51)	(71,226.68)	(104,774.80)	(91,647.28)	112,558.67	(616,966.13)
44	Tax Adjustment for Additional Tax Basis	33.492%	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
45	Federal PTC	4.310%	(348,000.00)	(302,400.00)	(290,400.00)	(321,600.00)	(319,200.00)	(247,200.00)	(208,800.00)	(204,000.00)	(302,400.00)	(357,600.00)	(336,000.00)	0.00	(3,237,600.00)
46	ND ITC		1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	1,922.02	23,064.24
47	ND ITC - Federal impact		(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(672.71)	(8,072.48)
48	Total Income Tax Expense		(445,691.04)	(372,377.37)	(353,084.30)	(403,246.28)	(399,387.67)	(283,629.25)	(221,891.43)	(214,174.20)	(372,377.37)	(461,125.49)	(426,397.97)	113,807.99	(3,839,574.37)
49															
50	REVENUE REQUIREMENTS														
51	Expenses		(76,135.99)	(9,940.23)	52,118.54	(10,149.06)	(13,354.22)	79,957.77	143,591.84	150,515.66	10,640.75	(77,273.42)	(61,493.49)	479,126.75	667,604.91
52	Return on rate base		278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	278,825.87	3,345,910.39
53															
54	Total revenue requirements		202,689.88	268,885.64	330,944.40	268,676.81	265,471.64	358,783.64	422,417.70	429,341.53	289,466.62	201,552.45	217,332.38	757,952.62	4,013,515.31
55															
56	North Dakota share - E2 factor		79,473.24	105,428.12	129,760.92	105,346.24	104,089.52	140,676.48	165,626.94	168,341.72	113,497.78	79,027.26	85,214.46	297,187.76	1,573,670.45

Otter Tail Power Company
North Dakota Renewable Resource Rider
Ashtabula 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	Actual Nov-13	Actual Dec-13		
1	RATE BASE														
2	Plant Balance - Ashtabula	115,997,530.63	115,997,530.63	115,938,171.38	115,938,171.38	115,938,171.38	115,938,171.38	116,091,196.27	116,117,434.92	116,117,434.92	116,117,434.92	116,153,304.27	116,153,304.27	116,446,097.89	
3	Less: Federal Grant	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	
4	Accumulated Depreciation	(18,687,937.38)	(19,064,942.09)	(19,441,946.80)	(19,818,758.62)	(20,195,570.44)	(20,572,382.26)	(20,949,194.08)	(21,326,504.39)	(21,703,900.04)	(22,081,295.69)	(22,458,691.34)	(22,836,203.55)	(23,213,715.76)	
5	Net Plant in Service	97,309,593.25	96,932,588.54	96,496,224.58	96,119,412.76	95,742,600.94	95,365,789.12	95,142,002.19	94,790,930.53	94,413,534.88	94,036,139.23	93,694,612.93	93,317,100.72	93,232,382.13	
6	Inventory	610,908.12	577,612.51	555,887.57	550,754.79	565,081.77	561,990.96	524,184.95	552,236.88	526,662.41	546,862.51	538,632.39	533,033.04	511,269.11	
7	ADIT - NOL DTA														
8	Reversal of ADIT - NOL DTA														
9	ADIT Pro-Rated														
10	Accum. Deferred Inc. Taxes - Fed & State	(36,003,796.24)	(36,036,059.89)	(36,068,323.54)	(36,100,660.38)	(36,132,997.22)	(36,165,334.06)	(36,197,670.90)	(36,229,818.59)	(36,261,933.90)	(36,294,049.21)	(36,326,164.52)	(36,358,235.60)	(36,390,306.68)	
11	Accum. Deferred Inc. Taxes - Basis Difference	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	
12	Accum. Deferred Inc. Taxes - Federal PTC	11,691,607.45	12,046,488.84	12,275,638.42	12,501,744.96	12,891,729.74	13,248,591.72	13,492,680.44	13,672,626.43	13,815,842.83	14,064,745.47	14,391,050.71	14,755,871.81	15,119,949.11	
13	Accum. Deferred Inc. Taxes - ND ITC	17,651,994.00	17,651,994.00	17,651,994.00	17,651,994.00	17,651,994.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(6,178,197.89)	(6,178,197.89)	(6,178,197.89)	(6,178,197.89)	(6,178,197.89)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	
15	Accum. Deferred Inc. Taxes - ND ITC	(14,733,428.36)	(14,674,494.65)	(14,615,560.94)	(14,556,627.23)	(14,497,693.52)	(14,413,391.35)	(14,354,561.18)	(14,295,731.01)	(14,236,900.84)	(14,178,070.67)	(14,119,240.50)	(14,060,410.33)	(14,001,580.69)	
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	5,156,699.90	5,136,073.10	5,115,446.30	5,094,819.50	5,074,192.70	5,044,686.95	5,024,096.39	5,003,505.83	4,982,915.27	4,962,324.71	4,941,734.15	4,921,143.59	4,900,553.03	
17	End of month rate base	75,505,380.23	75,456,004.56	75,233,108.50	75,083,240.51	75,116,710.53	75,099,572.64	75,087,971.19	74,950,989.38	74,697,359.96	74,595,191.35	74,577,864.47	74,565,742.54	74,829,505.85	
18															
19	Average rate base	76,986,294.23	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	74,984,510.90	
20															
21	Return on Rate Base	6,633,177.60	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	
22															
23	Available for return (equity portion of rate base)	4,411,122.19	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	
24															
25	EXPENSES														
26	<i>O&M and Depreciation</i>														
27	Operating Costs		90,568.75	75,070.12	61,825.09	70,913.95	60,525.90	115,519.24	73,544.32	99,701.12	57,675.59	67,001.74	94,491.65	57,740.90	924,578.37
28	Ground Lease Payments		17,941.29	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	17,941.31	215,295.70
29	Property Tax		29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	29,000.00	(86,597.00)	232,403.00
30	Book Depreciation	(0)	377,004.71	377,004.71	376,811.82	376,811.82	376,811.82	376,811.82	377,310.31	377,395.65	377,395.65	377,512.21	377,512.21	377,512.21	4,525,778.38
31	Total O&M and Depreciation Expense	0	514,514.75	499,016.14	485,578.22	494,667.08	484,279.03	539,272.37	497,795.94	524,038.08	482,012.55	491,338.70	518,945.17	366,597.42	5,898,055.45
32															
33	Income before Taxes														
34	Available for return (from above)		358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	358,035.42	4,296,425.01
35	Less book tax credits - Federal PTC	0	(354,881.38)	(229,149.58)	(226,106.54)	(389,984.79)	(356,861.97)	(244,088.72)	(179,946.00)	(143,216.40)	(248,902.64)	(326,305.23)	(364,821.10)	(364,077.30)	(3,428,341.66)
36	Less book tax credits - ND ITC		(58,933.71)	(58,933.71)	(58,933.71)	(58,933.71)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(706,376.20)
37	ND ITC - Federal impact		20,626.80	20,626.80	20,626.80	20,626.80	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	247,231.67
38	Adjusted Income before interest and taxes		(35,152.88)	90,578.93	93,621.97	(70,256.28)	(37,066.17)	75,707.09	139,849.81	176,579.41	70,893.17	(6,509.42)	(45,025.29)	(44,281.50)	408,938.82
39	Taxable Income (grossed up)	1,611,461	(56,647.48)	145,964.38	150,868.12	(113,215.23)	(59,730.67)	121,999.00	225,362.47	284,550.78	114,241.55	(10,489.68)	(72,556.49)	(71,357.89)	658,988.84
40															
41	Income Taxes														
42	Current and Def Income Taxes	37.945%	(21,494.60)	55,385.45	57,246.15	(42,958.95)	(22,664.51)	46,291.91	85,512.66	107,971.37	43,348.39	(3,980.26)	(27,531.20)	(27,076.40)	250,050.02
43	Tax Adjustment for Additional Tax Basis	33.415%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
44	Federal PTC	4.530%	(354,881.38)	(229,149.58)	(226,106.54)	(389,984.79)	(356,861.97)	(244,088.72)	(179,946.00)	(143,216.40)	(248,902.64)	(326,305.23)	(364,821.10)	(364,077.30)	(3,428,341.66)
45	ND ITC		(58,933.71)	(58,933.71)	(58,933.71)	(58,933.71)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(706,376.20)
46	ND ITC - Federal impact		20,626.80	20,626.80	20,626.80	20,626.80	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	247,231.67
47	Total Income Tax Expense		(414,682.90)	(212,071.04)	(207,167.30)	(471,250.65)	(417,766.09)	(236,036.42)	(132,672.95)	(73,484.64)	(243,793.87)	(368,525.10)	(430,591.91)	(429,393.31)	(3,637,436.17)
48															
49	REVENUE REQUIREMENTS														
50	Expenses		99,831.85	286,945.10	278,410.92	23,416.43	66,512.94	303,235.95	365,122.99	450,553.44	238,218.68	122,813.60	88,353.26	(62,795.89)	2,260,619.28
51	Return on rate base		538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	538,391.91	6,460,702.95
52															
53	Total revenue requirements		638,223.76	825,337.02	816,802.83	561,808.34	604,904.85	841,627.86	903,514.91	988,945.35	776,610.60	661,205.51	626,745.17	475,596.02	8,721,322.23
54															
55	North Dakota share - E2 factor	41.018%	261,786.46	338,536.53	335,035.98	230,442.40	248,119.72	345,218.71	370,603.52	405,645.36	318,549.94	271,213.11	257,078.18	195,079.86	3,577,309.77

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

Line	2013						2014						2014 YE Balance	
	Balance Dec-13	Actual Jan-14	Actual Feb-14	Actual Mar-14	Actual Apr-14	Actual May-14	Actual Jun-14	Actual Jul-14	Actual Aug-14	Actual Sep-14	Actual Oct-14	Actual Nov-14		Actual Dec-14
1	RATE BASE													
2	Plant Balance - Ashtabula	116,446,097.89	116,446,097.89	116,446,097.89	116,446,097.89	116,517,041.57	116,517,041.57	116,517,041.57	116,517,041.57	116,517,041.57	116,320,956.96	116,320,956.96	116,247,984.00	116,428,058.84
3	Less: Federal Grant	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
4	Accumulated Depreciation	(23,213,715.76)	(23,611,544.15)	(24,009,372.54)	(24,407,200.93)	(24,805,029.32)	(25,203,100.08)	(25,601,170.84)	(25,999,241.60)	(26,397,312.37)	(26,795,383.13)	(27,192,783.99)	(27,590,184.84)	(27,987,336.39)
5	Net Plant in Service	93,232,382.13	92,834,553.74	92,436,725.35	92,038,896.96	91,712,012.25	91,313,941.49	90,915,870.73	90,519,799.97	90,119,729.20	89,525,573.83	89,128,172.97	88,657,799.16	88,440,722.45
6	Inventory	511,269.11	494,759.10	463,098.79	479,228.48	492,302.35	470,191.59	488,527.66	460,198.69	472,056.27	461,840.21	458,165.08	439,848.06	442,077.68
7	ADIT - NOL DTA													
8	Reversal of ADIT - NOL DTA													
9	ADIT Pro-Rated													
10	Accum. Deferred Inc. Taxes - Fed & State	(36,390,306.68)	(36,238,861.16)	(36,087,415.63)	(35,935,970.11)	(35,784,524.58)	(35,632,987.09)	(35,481,449.59)	(35,329,912.10)	(35,178,374.61)	(35,026,837.12)	(34,875,553.82)	(34,724,270.52)	(34,573,081.82)
11	Accum. Deferred Inc. Taxes - Basis Difference	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
12	Accum. Deferred Inc. Taxes - Federal PTC	15,119,949.11	15,463,569.92	15,763,935.81	16,033,091.38	16,314,568.24	16,550,214.63	16,712,569.91	16,855,570.30	16,895,464.17	17,086,765.23	17,397,776.50	17,718,330.24	17,878,833.38
13	Accum. Deferred Inc. Taxes - ND ITC	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)
15	Accum. Deferred Inc. Taxes - ND ITC	(14,001,580.16)	(13,942,749.99)	(13,883,919.82)	(13,825,089.65)	(13,766,259.48)	(13,707,429.31)	(13,648,599.14)	(13,589,768.97)	(13,530,938.80)	(13,472,108.63)	(13,413,278.46)	(13,354,448.29)	(13,295,618.12)
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	4,900,553.03	4,879,962.47	4,859,371.91	4,838,781.35	4,818,190.79	4,797,600.23	4,777,009.67	4,756,419.12	4,735,828.56	4,715,238.00	4,694,647.44	4,674,056.88	4,653,466.32
17	End of month rate base	74,829,505.85	74,948,473.40	75,009,035.72	75,086,177.73	75,243,528.88	75,248,770.85	75,221,168.54	75,127,546.30	74,971,004.10	74,747,710.83	74,847,169.02	74,868,554.84	75,003,639.20
18														
19	Average rate base	74,984,510.90	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25	75,011,714.25
20														
21	Return on Rate Base	6,460,702.95	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23
22														
23	Available for return (equity portion of rate base)	4,296,425.01	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31
24														
25														
26	EXPENSES													
27	O&M and Depreciation													
27	Operating Costs		71,065.46	68,239.73	61,876.92	151,278.60	117,192.00	56,244.68	74,914.22	87,535.81	56,147.91	60,139.22	83,374.60	63,970.61
28	Ground Lease Payments		18,300.04	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14	18,300.14
29	Property Tax		18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	18,200.00	1,512.00
30	Book Depreciation	0	397,828.39	397,828.39	397,828.39	397,828.39	398,070.76	398,070.76	398,070.76	398,070.76	398,070.76	397,400.86	397,400.86	397,151.55
31	Total O&M and Depreciation Expense	0	505,393.89	502,568.26	496,205.45	585,607.13	551,762.90	490,815.58	509,485.12	522,106.71	490,718.81	494,040.22	517,275.60	480,934.30
32														
33	Income before Taxes													
34	Available for return (from above)		358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31	358,165.31
35	Less book tax credits - Federal PTC	0	(442,014.64)	(398,759.72)	(367,549.41)	(379,870.69)	(334,040.22)	(260,749.11)	(241,394.22)	(138,287.71)	(289,694.89)	(409,405.11)	(418,947.58)	(258,896.97)
36	Less book tax credits - ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)
37	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56
38	Adjusted Income before interest and taxes		(122,088.95)	(78,834.02)	(47,623.71)	(59,944.99)	(14,114.53)	59,176.58	78,531.47	181,637.99	30,230.81	(89,479.41)	(99,021.88)	61,028.73
39	Taxable Income (grossed up)	1,611,461	(196,741.54)	(127,037.92)	(76,743.74)	(96,599.00)	(22,745.00)	95,360.74	126,550.39	292,702.49	48,715.76	(144,192.55)	(159,569.87)	98,345.40
40														
41	Income Taxes													
42	Current and Def Income Taxes	37,945%	(74,652.59)	(48,203.91)	(29,120.03)	(36,654.01)	(8,630.48)	36,184.16	48,018.91	111,064.49	18,484.95	(54,713.14)	(60,547.99)	37,316.67
43	Tax Adjustment for Additional Tax Basis	33.415%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	Federal PTC	4.530%	(442,014.64)	(398,759.72)	(367,549.41)	(379,870.69)	(334,040.22)	(260,749.11)	(241,394.22)	(138,287.71)	(289,694.89)	(409,405.11)	(418,947.58)	(258,896.97)
45	ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)
46	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56
47	Total Income Tax Expense		(554,906.85)	(485,203.23)	(434,909.04)	(454,764.31)	(380,910.31)	(262,804.57)	(231,614.92)	(65,462.82)	(309,449.55)	(502,357.86)	(517,735.17)	(259,819.91)
48														
49	REVENUE REQUIREMENTS													
50	Expenses		(49,512.96)	17,365.03	61,296.41	130,842.82	170,852.59	228,011.01	277,870.20	456,643.89	181,269.26	(8,317.64)	(459.58)	221,114.39
51	Return on rate base		538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23	538,587.23
52														
53	Total revenue requirements		489,074.28	555,952.26	599,883.64	669,430.05	709,439.82	766,598.25	816,457.43	995,231.12	719,856.50	530,269.59	538,127.66	759,701.62
54														
55	North Dakota share - E2 factor	41.018%	200,608.36	228,040.36	246,060.12	274,586.65	290,997.85	314,443.08	334,894.31	408,223.65	295,270.56	217,505.85	220,729.07	311,614.22
														3,342,974.08

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

Line	2014							2015							2015 YE Balance
	Balance Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15		
RATE BASE															
1															
2	Plant Balance - Ashtabula	116,428,058.84	116,428,058.84	116,428,058.84	116,428,058.84	116,428,058.84	116,428,058.84	116,408,745.02	116,238,634.34	116,238,634.34	116,343,874.57	116,343,874.57	116,489,960.92		
3	Less: Federal Grant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4	Accumulated Depreciation	(27,987,336.39)	(28,386,121.90)	(28,784,907.40)	(29,183,692.91)	(29,582,478.42)	(29,981,263.92)	(30,380,049.43)	(30,778,834.94)	(31,177,554.29)	(31,575,690.98)	(31,973,827.68)	(32,372,324.84)		
5	Net Plant in Service	88,440,722.45	88,041,936.94	87,643,151.44	87,244,365.93	86,845,580.42	86,446,794.92	86,048,009.41	85,629,910.08	85,061,080.05	84,662,943.36	84,370,046.89	83,971,549.73		
6	Inventory	442,077.68	424,077.47	445,202.68	440,691.91	485,393.17	471,846.39	468,928.00	486,293.64	499,919.43	497,366.64	483,011.42	462,535.38		
7	ADIT - NOL DTA	0.00	4,542.92	9,085.83	13,628.75	18,171.67	22,714.58	27,257.50	31,800.42	36,343.33	40,886.25	45,429.17	49,972.08		
8	Reversal of ADIT - NOL DTA	0.00											54,515.00		
9	ADIT Pro-Rated														
10	Accum. Deferred Inc. Taxes - Fed & State	(34,573,081.82)	(34,420,850.11)	(34,268,618.40)	(34,116,386.70)	(33,964,154.99)	(33,811,923.29)	(33,659,691.58)	(33,507,459.88)	(33,355,253.18)	(33,203,266.74)	(33,051,280.29)	(32,899,157.59)		
11	Accum. Deferred Inc. Taxes - Basis Difference	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
12	Accum. Deferred Inc. Taxes - Federal PTC	17,878,833.38	18,252,535.29	18,516,202.53	18,896,321.66	19,254,623.32	19,572,225.88	19,747,816.60	19,974,033.12	20,182,054.85	20,439,619.46	20,793,004.17	21,123,082.42		
13	Accum. Deferred Inc. Taxes - ND ITC	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00		
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)		
15	Accum. Deferred Inc. Taxes - ND ITC	(13,295,618.12)	(13,236,787.95)	(13,177,957.78)	(13,119,127.61)	(13,060,297.44)	(13,001,467.27)	(12,942,637.10)	(12,883,806.93)	(12,824,976.76)	(12,766,146.59)	(12,707,316.42)	(12,648,486.25)		
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	4,653,466.32	4,632,875.76	4,612,285.20	4,591,694.64	4,571,104.08	4,550,513.52	4,529,922.96	4,509,332.40	4,488,741.84	4,468,151.28	4,447,560.72	4,426,970.16		
17	End of month rate base	75,003,639.20	75,155,569.62	75,236,590.80	75,408,427.89	75,607,659.54	75,707,944.04	75,676,845.10	75,697,342.16	75,545,148.88	75,596,792.96	75,837,694.97	75,959,725.95		
18													76,139,540.37		
19	Average rate base	75,011,714.25	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42	75,582,532.42		
20															
21	Return on Rate Base	6,463,046.81	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73		
22													6,512,228.78		
23	Available for return (equity portion of rate base)	4,297,983.70	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85		
24													4,330,690.15		
EXPENSES															
<i>O&M and Depreciation</i>															
26	Operating Costs		69,789.33	50,968.75	86,497.99	73,126.95	75,549.24	47,463.20	54,947.52	48,032.50	74,373.47	96,324.40	81,530.96		
27	Ground Lease Payments		18,666.12	18,666.14	18,666.14	18,666.14	18,666.14	18,666.14	18,666.14	18,666.14	18,666.14	18,666.14	18,666.14		
28	Property Tax		16,392.00	16,392.00	16,392.00	16,392.00	16,392.00	16,392.00	16,392.00	16,392.00	16,392.00	16,392.00	16,392.00		
29	Book Depreciation	0	398,785.51	398,785.51	398,785.51	398,785.51	398,785.51	398,785.51	398,785.51	398,719.35	398,136.70	398,497.16	398,497.16		
30	Total O&M and Depreciation Expense	0	503,632.96	484,812.40	520,341.64	506,970.60	509,392.89	481,306.85	488,791.17	481,809.99	507,568.31	529,519.24	515,086.26		
31													535,135.94		
32													6,064,368.22		
33	Income before Taxes														
34	Available for return (from above)		360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85	360,890.85		
35	Less book tax credits - Federal PTC	0	(373,701.91)	(263,667.24)	(380,119.14)	(358,301.66)	(317,602.56)	(175,590.72)	(226,216.52)	(208,021.73)	(257,564.60)	(353,384.72)	(330,078.24)		
36	Less book tax credits - ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)		
37	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56		
38	Adjusted Income before interest and taxes		(51,050.67)	58,984.00	(57,467.90)	(35,650.42)	5,048.67	147,060.52	96,434.71	114,629.51	65,086.63	(30,733.48)	(7,427.01)		
39	Taxable Income (grossed up)	1,607,756	(82,077.01)	94,831.86	(92,394.35)	(57,317.18)	8,117.04	236,437.40	155,043.47	184,296.26	104,643.41	(49,411.94)	(11,940.82)		
40													111,434.42		
41	Income Taxes														
42	Current and Def Income Taxes	37.802%	(31,026.34)	35,847.87	(34,926.45)	(21,666.75)	3,068.36	89,376.89	58,608.76	69,666.75	39,556.78	(18,678.45)	(4,513.81)		
43	Tax Adjustment for Additional Tax Basis	33.492%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
44	Federal PTC	4.310%	(373,701.91)	(263,667.24)	(380,119.14)	(358,301.66)	(317,602.56)	(175,590.72)	(226,216.52)	(208,021.73)	(257,564.60)	(353,384.72)	(330,078.24)		
45	ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)		
46	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56		
47	Total Income Tax Expense		(442,967.86)	(266,058.98)	(453,285.20)	(418,208.02)	(352,773.81)	(124,453.44)	(205,847.38)	(176,594.59)	(256,247.43)	(410,302.78)	(372,831.66)		
48													(249,456.43)		
49													(3,729,027.59)		
REVENUE REQUIREMENTS															
50	Expenses		60,665.10	218,753.41	67,056.44	88,762.57	156,619.08	356,853.40	282,943.79	305,215.40	251,320.87	119,216.45	142,254.60		
51	Return on rate base		542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73	542,685.73		
52													285,679.51		
53	Total revenue requirements		603,350.83	761,439.15	609,742.17	631,448.31	699,304.81	899,539.14	825,629.52	847,901.13	794,006.60	661,902.18	684,940.33		
54													828,365.25		
55	North Dakota share - E2 factor	41.018%	247,482.29	312,326.92	250,103.89	259,007.31	286,840.67	368,972.74	338,656.51	347,791.88	325,685.43	271,498.87	280,948.65		
													339,778.65		
													3,629,093.81		

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

Line	2015						2016						Projected Nov-16	Projected Dec-16	2016 YE Balance	
	Balance Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16					
RATE BASE																
1	Plant Balance - Ashtabula	116,489,960.92	116,489,960.92	116,489,960.92	116,489,960.92	116,489,960.92	116,470,427.88	116,470,427.88	116,470,427.88	115,995,743.29	115,996,861.20	116,080,882.73	116,080,882.73			
2	Less: Federal Grant	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		
3	Accumulated Depreciation	(32,770,822.00)	(33,170,848.53)	(33,570,875.05)	(33,970,901.58)	(34,370,928.11)	(34,770,954.63)	(35,170,988.36)	(35,570,947.81)	(35,970,907.25)	(36,370,866.70)	(36,769,196.09)	(37,167,529.31)	(37,566,151.06)		
4	Net Plant in Service	83,719,138.92	83,319,112.39	82,919,085.87	82,519,059.34	82,119,032.81	81,721,102.71	81,299,439.52	80,899,480.07	80,499,520.63	79,624,876.59	79,227,665.11	78,913,353.42	78,514,731.67		
5	Inventory	462,535.38	427,065.00	411,256.55	433,717.88	437,516.52	431,225.53	432,831.36	445,881.12	475,879.61	495,518.08	487,297.42	487,297.42	487,297.42		
6	ADIT - NOL DTA	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00	54,515.00		
7	Reversal of ADIT - NOL DTA	0.00	(3,172.75)	(6,345.50)	(9,518.25)	(12,691.00)	(15,863.75)	(19,036.50)	(22,209.25)	(25,382.00)	(28,554.75)	(31,727.50)	(34,900.25)	(38,073.00)		
8	ADIT Pro-Rated		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000		
9	Accum. Deferred Inc. Taxes - Fed & State	(32,747,034.88)	(32,587,133.52)	(32,427,232.16)	(32,267,330.80)	(32,107,429.44)	(31,947,528.08)	(31,787,623.99)	(31,627,747.99)	(31,467,871.99)	(31,307,995.98)	(31,148,736.17)	(30,989,474.90)	(30,830,104.57)		
10	Accum. Deferred Inc. Taxes - Basis Difference	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		
11	Accum. Deferred Inc. Taxes - Federal PTC	21,376,423.12	21,634,347.72	21,890,783.00	22,221,809.97	22,639,557.70	22,950,291.43	23,242,761.71	23,462,808.18	23,671,635.67	23,973,400.64	24,320,492.42	24,670,092.42	24,964,492.42		
12	Accum. Deferred Inc. Taxes - ND ITC	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00		
13	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)		
14	Accum. Deferred Inc. Taxes - ND ITC	(12,589,656.08)	(12,530,825.91)	(12,471,995.74)	(12,413,165.57)	(12,354,335.40)	(12,295,505.23)	(12,236,675.06)	(12,177,844.89)	(12,119,014.72)	(12,060,184.55)	(12,001,354.38)	(11,942,524.21)	(11,883,694.04)		
15	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	4,406,379.60	4,385,789.04	4,365,198.48	4,344,607.93	4,324,017.37	4,303,426.81	4,282,836.25	4,262,245.69	4,241,655.13	4,221,064.57	4,200,474.01	4,179,883.45	4,159,292.89		
16	End of month rate base	76,139,540.37	76,156,936.28	76,192,504.81	76,340,934.80	76,557,422.87	76,658,903.73	76,726,287.59	76,754,367.24	76,788,176.63	76,429,878.90	76,565,865.22	76,795,481.66	76,885,697.10		
17	Average rate base	75,582,532.42	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94	76,537,845.94		
18																
19	Return on Rate Base		549,544.92	549,544.92	549,544.92	549,544.92	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	6,526,547.96	
20																
21	Available for return (equity portion of rate base)		365,452.27	365,452.27	365,452.27	365,452.27	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	4,317,436.11	
22																
23																
24	EXPENSES															
25	<i>O&M and Depreciation</i>															
26	Operating Costs		116,924.13	102,377.46	3,955.65	76,004.09	68,988.21	62,093.47	76,688.62	80,020.84	76,664.92	51,167.20	78,933.35	78,935.41	872,753.35	
27	Ground Lease Payments		19,039.42	19,039.46	19,039.46	19,039.46	19,039.46	19,039.46	19,039.46	19,039.46	19,039.46	19,039.46	23,900.04	23,900.84	238,195.44	
28	Property Tax		15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	187,980.00	
29	Book Depreciation	0	400,026.53	400,026.53	400,026.53	400,026.53	400,026.53	400,033.72	399,959.45	399,959.45	399,959.45	398,329.38	398,333.22	398,621.75	4,795,329.06	
30	Total O&M and Depreciation Expense	0	551,655.08	537,108.45	438,686.64	510,735.08	503,719.20	496,831.65	511,352.53	514,684.75	511,328.83	484,201.04	516,831.62	517,123.00	6,094,257.85	
31																
32	Income before Taxes		365,452.27	365,452.27	365,452.27	365,452.27	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	4,317,436.11	
33	Available for return (from above)		365,452.27	365,452.27	365,452.27	365,452.27	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	356,953.38	4,317,436.11	
34	Less book tax credits - Federal PTC	0	(257,924.60)	(256,435.28)	(331,026.97)	(417,747.74)	(310,733.73)	(292,470.28)	(220,046.47)	(208,827.49)	(301,764.97)	(347,091.78)	(349,600.00)	(294,400.00)	(3,588,069.30)	
35	Less book tax credits - ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(705,962.04)	
36	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	247,086.71	
37	Adjusted Income before interest and taxes		69,288.06	70,777.38	(3,814.31)	(90,535.08)	7,980.04	26,243.49	98,667.29	109,886.28	16,948.80	(28,378.01)	(30,886.23)	24,313.77	270,491.48	
38	Taxable Income (grossed up)	1,607,756	111,398.28	113,792.74	(6,132.48)	(145,558.30)	12,829.96	42,193.13	158,632.92	176,670.31	27,249.53	(45,624.91)	(49,657.52)	39,090.60	434,884.25	
39																
40	Income Taxes															
41	Current and Def Income Taxes	37.802%	42,110.22	43,015.36	(2,318.17)	(55,023.22)	4,849.92	15,949.63	59,965.62	66,784.03	10,300.73	(17,246.90)	(18,771.29)	14,776.83	164,392.77	
42	Tax Adjustment for Additional Tax Basis	33.492%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
43	Federal PTC	4.310%	(257,924.60)	(256,435.28)	(331,026.97)	(417,747.74)	(310,733.73)	(292,470.28)	(220,046.47)	(208,827.49)	(301,764.97)	(347,091.78)	(349,600.00)	(294,400.00)	(3,588,069.30)	
44	ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(705,962.04)	
45	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	247,086.71	
46	Total Income Tax Expense		(254,053.99)	(251,659.53)	(371,584.75)	(511,010.56)	(344,123.42)	(314,760.25)	(198,320.46)	(180,283.07)	(329,703.85)	(402,578.29)	(406,610.90)	(317,862.78)	(3,882,551.85)	
47																
48																
49	REVENUE REQUIREMENTS															
50	Expenses		297,601.09	285,448.92	67,101.88	(275.49)	159,595.78	182,071.40	313,032.07	334,401.68	181,624.98	81,622.75	110,220.72	199,260.22	2,211,706.00	
51	Return on rate base		549,544.92	549,544.92	549,544.92	549,544.92	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	541,046.03	6,526,547.96	
52																
53	Total revenue requirements		847,146.01	834,993.84	616,646.81	549,269.43	700,641.81	723,117.43	854,078.10	875,447.71	722,671.02	622,668.78	651,266.75	740,306.26	8,738,253.95	
54																
55	North Dakota share - E2 factor	41.018%	347,482.14	342,497.57	252,936.03	225,299.20	274,716.61	283,529.14	334,877.87	343,256.74	283,354.10	244,143.95	255,357.00	290,268.75	3,477,719.11	

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

Line	2017							2018							2018 YE Balance
	Balance Dec-17	Projected Jan-18	Projected Feb-18	Projected Mar-18	Projected Apr-18	Projected May-18	Projected Jun-18	Projected Jul-18	Projected Aug-18	Projected Sep-18	Projected Oct-18	Projected Nov-18	Projected Dec-18		
1	RATE BASE														
2	Plant Balance - Ashtabula	116,080,882.73	116,080,882.73	116,080,882.73	116,080,882.73	116,080,882.73	116,080,882.73	116,080,882.73	116,080,882.73	116,080,882.73	116,400,882.73	116,400,882.73	116,400,882.73		
3	Less: Federal Grant	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	
4	Accumulated Depreciation	(42,349,612.07)	(42,748,233.83)	(43,146,855.58)	(43,545,477.33)	(43,944,099.08)	(44,342,720.83)	(44,741,342.58)	(45,139,964.33)	(45,538,586.09)	(45,937,207.84)	(46,336,928.47)	(46,736,649.10)	(47,136,369.73)	
5	Net Plant in Service	73,731,270.66	73,332,648.91	72,934,027.15	72,535,405.40	72,136,783.65	71,738,161.90	71,339,540.15	70,940,918.40	70,542,296.65	70,143,688.89	69,745,070.26	69,346,451.51	68,947,822.76	
6	Inventory	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	487,297.42	
7	ADIT - NOL DTA														
8	Reversal of ADIT - NOL DTA														
9	ADIT Pro-Rated		0.164384	0.087671	0.002740	0.920548	0.835616	0.753425	0.668493	0.583562	0.501370	0.416438	0.334247	0.249315	
10	Accum. Deferred Inc. Taxes - Fed & State	(29,505,880.05)	(29,467,828.96)	(29,439,737.81)	(29,422,673.73)	(29,286,446.12)	(29,161,245.59)	(29,046,716.41)	(28,943,214.31)	(28,850,739.28)	(28,768,935.61)	(28,697,958.39)	(28,637,682.78)	(28,588,465.50)	
11	Accum. Deferred Inc. Taxes - Basis Difference	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	
12	Accum. Deferred Inc. Taxes - Federal PTC	28,720,492.42	28,053,829.58	27,315,166.75	26,595,703.92	25,897,841.08	25,235,978.25	24,451,715.42	23,614,652.58	22,765,589.75	22,019,726.92	21,345,864.08	20,300,001.25	19,254,138.42	
13	Accum. Deferred Inc. Taxes - ND ITC	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	17,626,522.00	
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	(6,169,282.69)	
15	Accum. Deferred Inc. Taxes - ND ITC	(11,177,732.00)	(11,118,901.83)	(11,060,071.66)	(11,001,241.49)	(10,942,411.32)	(10,883,581.15)	(10,824,750.98)	(10,765,920.81)	(10,707,090.64)	(10,648,260.47)	(10,589,430.30)	(10,530,600.13)	(10,471,769.96)	
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	3,912,206.18	3,891,615.62	3,871,025.06	3,850,434.50	3,829,843.94	3,809,253.38	3,788,662.82	3,768,072.26	3,747,481.70	3,726,891.14	3,706,300.58	3,685,710.02	3,665,119.46	
17	End of month rate base	77,630,014.22	76,635,900.04	75,564,946.22	74,502,165.33	73,580,147.96	72,683,103.52	71,652,987.72	70,559,044.85	69,442,074.90	68,737,633.60	67,773,266.96	66,426,198.72	65,068,072.15	
18															
19	Average rate base	77,398,309.27	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	77,529,659.26	
20															
21	Return on Rate Base		548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	
22															
23	Available for return (equity portion of rate base)		361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	
24															
25															
26	EXPENSES														
27	<i>O&M and Depreciation</i>														
27	Operating Costs		79,770.43	69,934.03	121,641.36	97,830.01	70,539.13	70,539.23	70,539.23	70,539.23	97,830.11	97,830.11	70,539.23	70,537.17	988,069.27
28	Ground Lease Payments		20,698.43	20,698.43	20,698.43	20,291.94	20,293.03	20,293.03	20,293.03	20,292.92	20,292.92	20,292.92	20,292.92	20,292.92	244,730.96
29	Property Tax		15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	15,665.00	187,980.00
30	Book Depreciation	0	398,621.75	398,621.75	398,621.75	398,621.75	398,621.75	398,621.75	398,621.75	398,621.75	398,621.75	399,720.63	399,720.63	399,720.63	4,786,757.66
31	Total O&M and Depreciation Expense	0	514,755.62	504,919.22	556,626.54	532,408.70	505,118.92	505,119.01	505,119.01	505,118.91	532,409.79	533,508.67	506,217.79	506,215.73	6,207,537.89
32															
33	Income before Taxes														
34	Available for return (from above)		361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	361,578.95	4,338,947.38
35	Less book tax credits - Federal PTC	0	(379,200.00)	(307,200.00)	(326,400.00)	(348,000.00)	(384,000.00)	(261,600.00)	(208,800.00)	(196,800.00)	(300,000.00)	(372,000.00)	0.00	0.00	(3,084,000.00)
36	Less book tax credits - ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(705,962.04)
37	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	247,086.71
38	Adjusted Income before interest and taxes		(55,860.66)	16,139.34	(3,060.66)	(24,660.66)	(60,660.66)	61,739.34	114,539.34	126,539.34	23,339.34	(48,660.66)	323,339.34	323,339.34	796,072.05
39	Taxable Income (grossed up)	1,607,756	(89,810.30)	25,948.11	(4,920.80)	(39,648.32)	(97,527.53)	99,261.78	184,151.29	203,444.36	37,523.96	(78,234.46)	519,850.70	519,850.70	1,279,889.47
40															
41	Income Taxes														
42	Current and Def Income Taxes	37.80%	(33,949.64)	9,808.78	(1,860.14)	(14,987.66)	(36,866.87)	37,522.44	69,611.95	76,905.02	14,184.62	(29,573.80)	196,511.36	196,511.36	483,817.42
43	Tax Adjustment for Additional Tax Basis	33.49%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
44	Federal PTC	4.31%	(379,200.00)	(307,200.00)	(326,400.00)	(348,000.00)	(384,000.00)	(261,600.00)	(208,800.00)	(196,800.00)	(300,000.00)	(372,000.00)	0.00	0.00	(3,084,000.00)
45	ND ITC		(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(58,830.17)	(705,962.04)
46	ND ITC - Federal impact		20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	20,590.56	247,086.71
47	Total Income Tax Expense		(451,389.25)	(335,630.83)	(366,499.75)	(401,227.27)	(459,106.48)	(262,317.17)	(177,427.66)	(158,134.59)	(324,054.99)	(439,813.41)	158,271.75	158,271.75	(3,059,057.91)
48															
49	REVENUE REQUIREMENTS														
50	Expenses		63,366.36	169,288.38	190,126.80	131,181.43	46,012.44	242,801.85	327,691.35	346,984.31	208,354.79	93,695.25	664,489.54	664,487.48	3,148,479.98
51	Return on rate base		548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	548,057.16	
52															
53	Total revenue requirements		611,423.52	717,345.54	738,183.96	679,238.59	594,069.60	790,859.01	875,748.51	895,041.47	756,411.95	641,752.42	1,212,546.70	1,212,544.64	9,725,165.92
54															
55	North Dakota share - E2 factor		239,734.76	281,266.02	289,436.62	266,324.56	232,930.41	310,090.12	343,374.69	350,939.32	296,583.68	251,626.50	475,430.83	475,430.02	3,813,167.54

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	Actual Nov-13	Actual Dec-13	Actual Dec-13	Actual Dec-13										
1	RATE BASE																								
2	Plant Balance - Luverne	102,483,309.40	102,483,309.40	102,483,309.40	102,483,309.40	102,483,309.40	102,483,309.40	102,660,397.46	102,672,477.11	102,672,477.11	102,672,477.11	102,696,695.53	102,696,695.53	102,701,899.98											
3	Less: Federal Grant	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)											
4	Accumulated Depreciation	(9,253,414.28)	(9,487,632.25)	(9,721,850.22)	(9,956,068.19)	(10,190,286.16)	(10,424,504.13)	(10,658,722.10)	(10,893,513.92)	(11,128,344.77)	(11,363,175.62)	(11,598,006.47)	(11,832,915.80)	(12,067,825.13)											
5	Net Plant in Service	63,047,791.12	62,813,573.15	62,579,355.18	62,345,137.21	62,110,919.24	61,876,701.27	61,819,571.36	61,596,859.19	61,362,028.34	61,127,197.49	60,916,585.06	60,681,675.73	60,451,970.85											
6	Inventory	0.00	0.00	0.00	459.17	5,408.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
7	ADIT - NOL DTA																								
8	Reversal of ADIT - NOL DTA																								
9	ADIT Pro-Rated																								
10	Accum. Deferred Inc. Taxes - Fed & State	(22,223,556.37)	(22,267,728.32)	(22,311,900.26)	(22,356,072.21)	(22,400,244.16)	(22,444,416.10)	(22,488,588.05)	(22,532,542.25)	(22,576,481.65)	(22,620,421.04)	(22,664,360.43)	(22,708,270.05)	(22,752,179.66)											
11	Accum. Deferred Inc. Taxes - Basis Difference	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											
12	Accum. Deferred Inc. Taxes - Federal PTC	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											
13	Accum. Deferred Inc. Taxes - ND ITC	13,161,553.21	13,161,553.21	13,161,553.21	13,161,553.21	13,161,553.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21											
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(4,606,543.62)	(4,606,543.62)	(4,606,543.62)	(4,606,543.62)	(4,606,543.62)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)											
15	Accum. Deferred Inc. Taxes - ND ITC	(11,292,497.53)	(11,249,064.84)	(11,205,623.15)	(11,162,199.46)	(11,118,766.77)	(13,258,500.65)	(13,206,506.53)	(13,154,512.41)	(13,102,518.29)	(13,050,524.17)	(12,998,530.05)	(12,946,535.93)	(12,894,541.81)											
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	3,952,374.14	3,937,172.70	3,921,971.26	3,906,769.82	3,891,569.38	4,640,475.24	4,622,277.30	4,604,079.36	4,585,881.41	4,567,683.47	4,549,485.53	4,531,287.59	4,513,089.65											
17	End of month rate base	42,039,120.94	41,788,962.28	41,538,803.61	41,289,104.11	41,043,895.09	40,793,892.54	40,726,386.86	40,493,516.66	40,248,542.60	40,003,568.53	39,782,812.89	39,537,790.12	39,297,971.81											
18	Average rate base	43,713,856.79	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00	40,660,336.00											
19	Return on Rate Base	3,766,407.76	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91											
20																									
21	Available for return (equity portion of rate base)	2,504,694.71	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63											
22																									
23																									
24																									
25	EXPENSES																								
26	O&M and Depreciation																								
27	Operating Costs		48,500.30	51,053.55	49,982.01	52,705.43	55,291.87	78,599.28	52,347.52	48,360.79	47,566.16	57,371.22	68,204.67	49,721.96	659,704.76										
28	Ground Lease Payments		17,860.23	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	17,860.13	214,321.66										
29	Property Tax		17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	(37,194.00)	149,806.00										
30	Book Depreciation	0	234,217.97	234,217.97	234,217.97	234,217.97	234,217.97	234,217.97	234,791.82	234,830.85	234,830.85	234,909.33	234,909.33	234,909.33	2,814,410.85										
31	Total O&M and Depreciation Expense	0	317,578.50	320,131.65	319,060.11	321,783.53	324,369.97	347,677.38	321,999.47	318,051.77	317,257.14	327,062.20	337,974.13	265,297.42	3,838,243.27										
32																									
33	Income before Taxes																								
34	Available for return (from above)		194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	194,144.63	2,329,735.60										
35	Less book tax credits - Federal PTC	0	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										
36	Less book tax credits - ND ITC		(43,432.69)	(43,432.69)	(43,432.69)	(43,432.69)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(589,683.72)										
37	ND ITC - Federal impact		15,201.44	15,201.44	15,201.44	15,201.44	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	206,389.30										
38	Adjusted Income before interest and taxes		165,913.38	165,913.38	165,913.38	165,913.38	160,348.46	160,348.46	160,348.46	160,348.46	160,348.46	160,348.46	160,348.46	160,348.46	1,946,441.18										
39	Taxable Income (grossed up)	1,611,461	267,362.90	267,362.90	267,362.90	267,362.90	258,395.24	258,395.24	258,395.24	258,395.24	258,395.24	258,395.24	258,395.24	258,395.24	3,136,613.48										
40																									
41	Income Taxes																								
42	Current and Def Income Taxes	37.945%	101,449.52	101,449.52	101,449.52	101,449.52	98,046.78	98,046.78	98,046.78	98,046.78	98,046.78	98,046.78	98,046.78	98,046.78	1,190,172.30										
43	Tax Adjustment for Additional Tax Basis	33.415%	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(27,485.88)	(329,830.52)										
44	Federal PTC	4.530%	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										
45	ND ITC	x	(43,432.69)	(43,432.69)	(43,432.69)	(43,432.69)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(589,683.72)										
46	ND ITC - Federal impact		15,201.44	15,201.44	15,201.44	15,201.44	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	206,389.30										
47	Total Income Tax Expense		45,732.39	45,732.39	45,732.39	45,732.39	36,764.73	36,764.73	36,764.73	36,764.73	36,764.73	36,764.73	36,764.73	36,764.73	477,047.36										
48																									
49																									
50	REVENUE REQUIREMENTS																								
51	Expenses		363,310.89	365,864.04	364,792.50	367,515.92	361,134.70	384,442.11	358,764.20	354,816.50	354,021.87	363,826.93	374,738.86	302,062.15	4,315,290.63										
52	Return on rate base		291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	291,942.91	3,503,314.88										
53																									
54	Total revenue requirements		655,253.80	657,806.95	656,735.41	659,458.83	653,077.60	676,385.01	650,707.10	646,759.40	645,964.77	655,769.83	666,681.76	594,005.05	7,818,605.51										
55																									
56	North Dakota share - E2 factor	41.018%	268,771.84	269,819.09	269,379.56	270,496.66	267,879.21	277,439.44	266,906.88	265,287.61	264,961.67	268,983.51	273,459.36	243,648.84	<u>3,207,033.65</u>										

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

Line	2014						2015						2015 YE Balance		
	Balance Dec-14	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15		Actual Dec-15	
1	RATE BASE														
2	Plant Balance - Luverne	102,821,414.21	102,821,414.21	102,821,414.21	102,821,414.21	102,821,414.21	102,821,414.21	102,821,414.21	102,858,458.23	102,858,458.23	102,858,458.23	102,858,458.23	102,858,458.23	102,875,198.24	
3	Less: Federal Grant	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	
4	Accumulated Depreciation	(15,049,359.42)	(15,297,949.30)	(15,546,539.18)	(15,795,129.06)	(16,043,718.93)	(16,292,308.81)	(16,540,898.69)	(16,789,488.57)	(17,038,205.23)	(17,286,921.88)	(17,535,638.53)	(17,784,355.19)	(18,033,071.84)	
5	Net Plant in Service	57,589,950.79	57,341,360.91	57,092,771.03	56,844,181.15	56,595,591.28	56,347,001.40	56,098,411.52	55,886,865.66	55,638,149.00	55,389,432.35	55,140,715.70	54,891,999.04	54,660,022.40	
6	Inventory	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	
7	ADIT - NOL DTA	0.00	2,129.58	4,259.17	6,388.75	8,518.33	10,647.92	12,777.50	14,907.08	17,036.67	19,166.25	21,295.83	23,425.42	25,555.00	
8	Reversal of ADIT - NOL DTA	0.00													
9	ADIT Pro-Rated														
10	Accum. Deferred Inc. Taxes - Fed & State	(22,447,959.37)	(22,356,281.79)	(22,264,604.21)	(22,172,926.64)	(22,081,249.06)	(21,989,571.48)	(21,897,893.90)	(21,806,216.33)	(21,714,490.82)	(21,622,765.32)	(21,531,039.82)	(21,439,314.32)	(21,347,588.82)	
11	Accum. Deferred Inc. Taxes - Basis Difference	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	
12	Accum. Deferred Inc. Taxes - Federal PTC	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	
13	Accum. Deferred Inc. Taxes - ND ITC	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	
15	Accum. Deferred Inc. Taxes - ND ITC	(12,270,612.37)	(12,218,618.25)	(12,166,624.13)	(12,114,630.01)	(12,062,635.89)	(12,010,641.77)	(11,958,647.65)	(11,906,653.53)	(11,854,659.41)	(11,802,665.29)	(11,750,671.17)	(11,698,677.05)	(11,646,682.93)	
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	4,294,714.34	4,276,516.40	4,258,318.46	4,240,120.51	4,221,922.57	4,203,724.63	4,185,526.69	4,167,328.75	4,149,130.80	4,130,932.86	4,112,734.92	4,094,536.98	4,076,339.04	
17	End of month rate base	37,145,726.17	37,024,739.63	36,903,753.09	36,782,766.55	36,661,780.01	36,540,793.47	36,419,806.93	36,335,864.41	36,214,799.02	36,093,733.63	35,972,668.24	35,851,602.84	35,747,277.46	
18	Average rate base	38,217,739.66	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	36,438,100.88	
19	Return on Rate Base	3,292,859.56	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	
20	Available for return (equity portion of rate base)	2,189,780.94	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	
21															
22															
23															
24															
25	EXPENSES														
26	O&M and Depreciation														
27	Operating Costs		57,475.64	74,535.87	83,749.96	81,147.31	66,832.17	41,535.29	63,238.89	69,944.72	64,614.99	34,427.59	71,532.09	50,582.17	759,616.69
28	Ground Lease Payments		18,581.72	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	18,581.68	222,980.20
29	Property Tax		10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	10,775.00	9,319.00	127,844.00
30	Book Depreciation	0	248,589.88	248,589.88	248,589.88	248,589.88	248,589.88	248,589.88	248,589.88	248,716.65	248,716.65	248,716.65	248,716.65	248,716.65	2,983,712.42
31	Total O&M and Depreciation Expense	0	335,422.24	352,482.43	361,696.52	359,093.87	344,778.73	319,481.85	341,185.45	348,018.05	342,688.32	312,500.92	349,605.42	327,199.50	4,094,153.31
32															
33	Income before Taxes														
34	Available for return (from above)		173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	173,984.34	2,087,812.09
35	Less book tax credits - Federal PTC	0	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
36	Less book tax credits - ND ITC		(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(623,929.44)
37	ND ITC - Federal impact		18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	218,375.30
38	Adjusted Income before interest and taxes		140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	140,188.16	1,682,257.95
39	Taxable Income (grossed up)	1,607,756	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	225,388.33	2,704,660.00
40															
41	Income Taxes														
42	Current and Def Income Taxes	37.802%	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	85,200.17	1,022,402.05
43	Tax Adjustment for Additional Tax Basis	33.492%	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
44	Federal PTC	4.310%	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
45	ND ITC		(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(623,929.44)
46	ND ITC - Federal impact		18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	218,375.30
47	Total Income Tax Expense		51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	51,403.99	616,847.91
48															
49															
50	REVENUE REQUIREMENTS														
51	Expenses		386,826.23	403,886.42	413,100.51	410,497.86	396,182.72	370,885.84	392,589.44	399,422.05	394,092.32	363,904.92	401,009.42	378,603.50	4,711,001.23
52	Return on rate base		261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	261,627.08	3,139,524.99
53															
54	Total revenue requirements		648,453.31	665,513.50	674,727.59	672,124.94	657,809.80	632,512.92	654,216.52	661,049.13	655,719.40	625,532.00	662,636.50	640,230.58	7,850,526.22
55															
56	North Dakota share - E2 factor	41.018%	265,982.42	272,980.16	276,759.60	275,692.04	269,820.26	259,443.99	268,346.37	271,148.97	268,962.82	256,580.56	271,800.07	262,609.62	3,220,126.88

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

Line	2015						2016						Projected Nov-16	Projected Dec-16	2016 YE Balance
	Balance Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Actual Aug-16	Actual Sep-16	Actual Oct-16				
1	RATE BASE														
2	102,875,198.24	102,875,198.24	102,875,198.24	102,875,198.24	102,875,198.24	102,872,039.68	102,872,039.68	102,872,039.68	102,872,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	
3	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)
4	(18,033,071.84)	(18,281,942.70)	(18,530,813.57)	(18,779,684.44)	(19,028,555.30)	(19,277,426.17)	(19,526,286.22)	(19,775,146.27)	(20,024,006.33)	(20,272,866.38)	(20,522,359.79)	(20,771,853.21)	(21,021,346.62)	(21,270,840.13)	(21,520,333.04)
5	54,660,022.40	54,411,151.54	54,162,280.67	53,913,409.80	53,664,538.94	53,412,509.51	53,163,649.46	52,914,789.41	52,665,929.35	52,417,069.30	52,168,209.25	51,919,349.20	51,670,489.15	51,421,629.10	51,172,769.05
6	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	0.00	0.00
7	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00
8	0.00	(1,487.25)	(2,974.50)	(4,461.75)	(5,949.00)	(7,436.25)	(8,923.50)	(10,410.75)	(11,898.00)	(13,385.25)	(14,872.50)	(16,359.75)	(17,847.00)	(19,334.25)	(20,821.50)
9	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
10	(21,347,588.82)	(21,258,254.86)	(21,168,920.89)	(21,079,586.92)	(20,990,252.95)	(20,900,918.98)	(20,811,585.01)	(20,722,251.04)	(20,632,917.07)	(20,543,583.10)	(20,454,249.13)	(20,364,915.16)	(20,275,581.19)	(20,186,247.22)	(20,096,913.25)
11	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	0.00	0.00
12	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	0.00	0.00
13	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21
14	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)
15	(11,646,682.93)	(11,594,688.81)	(11,542,694.69)	(11,490,700.57)	(11,438,706.45)	(11,386,712.33)	(11,334,718.21)	(11,282,724.09)	(11,230,729.97)	(11,178,735.85)	(11,126,741.73)	(11,074,747.61)	(11,022,753.49)	(10,970,759.37)	(10,918,765.25)
16	4,076,339.04	4,058,141.09	4,039,943.15	4,021,745.21	4,003,547.27	3,985,349.33	3,967,151.38	3,948,953.44	3,930,755.50	3,912,557.56	3,894,359.62	3,876,161.67	3,857,963.73	3,839,765.79	3,821,567.85
17	35,747,277.46	35,620,049.49	35,492,821.52	35,365,593.55	35,238,365.58	35,111,137.61	34,983,909.64	34,856,681.67	34,729,453.70	34,602,225.73	34,475,000.76	34,347,772.79	34,220,544.82	34,093,316.85	33,966,088.88
18															
19	36,438,100.88	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66	35,038,721.66
20															
21		251,579.48	251,579.48	251,579.48	251,579.48	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72
22															
23		167,302.60	167,302.60	167,302.60	167,302.60	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84
24															
25	EXPENSES														
26	<i>O&M and Depreciation</i>														
27		35,239.74	58,253.06	120,668.66	91,648.14	62,107.92	58,531.78	78,163.76	58,160.66	62,587.17	63,220.09	63,040.17	63,040.88	63,040.88	814,662.03
28		18,953.15	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	18,953.31	230,407.72
29		9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	115,440.00
30	0	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	248,870.87	2,988,274.78
31	0	312,683.76	335,697.24	398,112.84	369,092.32	339,552.10	335,965.04	355,597.22	335,594.02	340,020.53	341,286.82	342,590.84	342,591.82	342,591.82	4,148,784.54
32															
33															
34		167,302.60	167,302.60	167,302.60	167,302.60	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	163,411.84	1,976,505.09
35	0	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	0.00
36		(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(623,929.44)
37		18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	218,375.30
38		133,506.42	133,506.42	133,506.42	133,506.42	129,615.66	129,615.66	129,615.66	129,615.66	129,615.66	129,615.66	129,615.66	129,615.66	129,615.66	1,570,950.95
39	1,607,756	214,645.72	214,645.72	214,645.72	214,645.72	208,390.33	208,390.33	208,390.33	208,390.33	208,390.33	208,390.33	208,390.33	208,390.33	208,390.33	2,525,705.53
40															
41															
42	37.802%	81,139.30	81,139.30	81,139.30	81,139.30	78,774.67	78,774.67	78,774.67	78,774.67	78,774.67	78,774.67	78,774.67	78,774.67	78,774.67	954,754.58
43	33.492%	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	0.00
44	4.310%	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	0.00
45	x	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(623,929.44)
46		18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	218,375.30
47		47,343.12	47,343.12	47,343.12	47,343.12	44,978.49	44,978.49	44,978.49	44,978.49	44,978.49	44,978.49	44,978.49	44,978.49	44,978.49	549,200.44
48															
49															
50	REVENUE REQUIREMENTS														
51		360,026.88	383,040.36	445,455.96	416,435.44	384,530.59	380,943.54	400,575.72	380,572.52	384,999.03	386,265.31	387,569.33	387,570.32	387,570.32	4,697,984.98
52		251,579.48	251,579.48	251,579.48	251,579.48	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	247,688.72	2,987,827.71
53															
54		611,606.36	634,619.84	697,035.44	668,014.92	632,219.31	628,632.26	648,264.44	628,261.24	632,687.75	633,954.03	635,258.06	635,259.04	635,259.04	7,685,812.69
55															
56	41.018%	250,868.54	260,308.21	285,909.82	274,006.19	247,888.64	246,482.18	254,179.82	246,336.71	248,072.31	248,568.81	249,080.11	249,080.50	249,080.50	3,060,781.85

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

Line	2016							2017							2017 YE Balance
	Balance Dec-16	Projected Jan-17	Projected Feb-17	Projected Mar-17	Projected Apr-17	Projected May-17	Projected Jun-17	Projected Jul-17	Projected Aug-17	Projected Sep-17	Projected Oct-17	Projected Nov-17	Projected Dec-17		
1	RATE BASE														
2	Plant Balance - Luverne	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	103,057,039.68	
3	Less: Federal Grant	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	(30,182,104.00)	
4	Accumulated Depreciation	(21,021,346.62)	(21,270,840.04)	(21,520,333.45)	(21,769,826.87)	(22,019,320.28)	(22,268,813.70)	(22,518,307.11)	(22,767,800.53)	(23,017,293.94)	(23,266,787.36)	(23,516,280.78)	(23,765,774.19)	(24,015,267.61)	
5	Net Plant in Service	51,853,589.06	51,604,095.64	51,354,602.23	51,105,108.81	50,855,615.40	50,606,121.98	50,356,628.57	50,107,135.15	49,857,641.74	49,608,148.32	49,358,654.90	49,109,161.49	48,859,668.07	
6	Inventory	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	
7	ADIT - NOL DTA	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	25,555.00	
8	Reversal of ADIT - NOL DTA	(17,847.00)	(18,489.33)	(19,131.67)	(19,774.00)	(20,365.30)	(20,902.04)	(21,385.99)	(21,815.39)	(22,190.23)	(22,512.28)	(22,779.77)	(22,994.47)	(23,154.61)	
9	ADIT Pro-Rated	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	920,548.00	835,616.00	753,425.00	668,493.00	583,562.00	501,370.00	416,648.00	334,247.00	249,915.00	
10	Accum. Deferred Inc. Taxes - Fed & State	(20,274,891.56)	(20,182,234.85)	(20,089,578.14)	(19,996,921.43)	(19,910,787.13)	(19,831,625.04)	(19,759,210.27)	(19,693,767.73)	(19,635,297.40)	(19,583,574.39)	(19,538,823.60)	(19,500,820.12)	(19,469,788.87)	
11	Accum. Deferred Inc. Taxes - Basis Difference	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	
12	Accum. Deferred Inc. Taxes - Federal PTC	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	
13	Accum. Deferred Inc. Taxes - ND ITC	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	15,353,281.21	
14	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	(5,373,648.42)	
15	Accum. Deferred Inc. Taxes - ND ITC	(11,022,753.49)	(10,970,759.37)	(10,918,765.25)	(10,866,771.13)	(10,814,777.01)	(10,762,782.89)	(10,710,788.77)	(10,658,794.65)	(10,606,800.53)	(10,554,806.41)	(10,502,812.29)	(10,450,818.17)	(10,398,824.05)	
16	Accum. Deferred Inc. Taxes - Fed. portion of ND ITC	3,857,963.73	3,839,765.79	3,821,567.85	3,803,369.91	3,785,171.96	3,766,974.02	3,748,776.08	3,730,578.14	3,712,380.20	3,694,182.25	3,675,984.31	3,657,786.37	3,639,588.43	
17	End of month rate base	34,401,248.52	34,277,565.66	34,153,882.80	34,030,199.93	33,900,045.70	33,762,973.80	33,619,207.39	33,468,523.30	33,310,921.55	33,146,625.28	32,975,411.34	32,797,502.88	32,612,676.75	
18	Average rate base	35,038,721.66	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	33,573,598.84	
19	Return on Rate Base		237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	
20															
21	Available for return (equity portion of rate base)		156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	
22															
23															
24															
25	EXPENSES														
26	O&M and Depreciation														
27	Operating Costs		73,772.60	63,460.22	63,647.93	89,853.03	38,956.21	62,490.03	62,490.18	62,490.18	89,012.18	89,012.18	62,490.18	62,490.18	820,165.10
28	Ground Lease Payments		20,004.33	20,004.33	20,004.33	20,004.33	20,004.33	20,004.55	20,004.55	20,004.55	20,004.55	20,004.55	20,004.55	20,004.55	240,053.52
29	Property Tax		9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	9,620.00	115,440.00
30	Book Depreciation	0	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	249,493.42	2,993,920.98
31	Total O&M and Depreciation Expense	0	352,890.34	342,577.97	342,765.67	368,970.77	318,073.95	341,608.00	341,608.15	341,608.15	368,130.15	368,130.15	341,608.15	341,608.15	4,169,579.61
32															
33	Income before Taxes														
34	Available for return (from above)		156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	156,578.87	1,878,946.46
35	Less book tax credits - Federal PTC	0	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
36	Less book tax credits - ND ITC		(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(623,929.44)
37	ND ITC - Federal impact		18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	218,375.30
38	Adjusted Income before interest and taxes		122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	122,782.69	1,473,392.32
39	Taxable Income (grossed up)	1,607,756	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	197,404.59	2,368,855.07
40															
41	Income Taxes														
42	Current and Def Income Taxes	37.802%	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	74,621.90	895,462.75
43	Tax Adjustment for Additional Tax Basis	33.492%	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
44	Federal PTC	4.310%	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
45	ND ITC	x	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(51,994.12)	(623,929.44)
46	ND ITC - Federal impact		18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	18,197.94	218,375.30
47	Total Income Tax Expense		40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	40,825.72	489,908.61
48															
49															
50	REVENUE REQUIREMENTS														
51	Expenses		393,716.06	383,403.69	383,591.39	409,796.49	358,899.67	382,433.72	382,433.87	382,433.87	408,955.87	408,955.87	382,433.87	382,433.87	4,659,488.22
52	Return on rate base		237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	237,331.77	2,847,981.24	
53															
54	Total revenue requirements		631,047.83	620,735.46	620,923.16	647,128.26	596,231.44	619,765.49	619,765.64	619,765.64	646,287.64	646,287.64	619,765.64	619,765.64	7,507,469.47
55															
56	North Dakota share - E2 factor		247,429.31	243,385.90	243,459.50	253,734.33	233,778.05	243,005.59	243,005.64	243,005.64	253,404.73	253,404.73	243,005.64	243,005.64	2,943,624.72

Otter Tail Power Company
Renewable Rider Annual Filing
North Dakota

	2014												2014 YE Balance
	Actual Jan-14	Actual Feb-14	Actual Mar-14	Actual Apr-14	Actual May-14	Actual Jun-14	Actual Jul-14	Actual Aug-14	Actual Sep-14	Actual Oct-14	Actual Nov-14	Actual Dec-14	
TRACKER SUMMARY													
Requirements Compared to Billed:													
Revenue Requirements													
Langdon	70,400.11	89,191.14	86,642.42	83,340.12	141,029.60	123,062.02	147,196.25	189,343.18	130,763.61	35,009.92	56,483.84	200,547.88	1,353,010.08
Ashtabula	200,608.36	228,040.36	246,060.12	274,586.65	290,997.85	314,443.08	334,894.31	408,223.65	295,270.56	217,505.85	220,729.07	311,614.22	3,342,974.08
Luverne	269,651.82	269,389.45	276,324.68	309,467.90	293,845.36	268,025.61	283,859.84	267,102.75	262,666.23	277,112.22	274,013.39	250,110.27	3,301,569.50
Total	540,660.29	586,620.94	609,027.21	667,394.67	725,872.80	705,530.70	765,950.39	864,669.58	688,700.39	529,627.99	551,226.30	762,272.37	7,997,553.65
Billed (forecast kWh x adj factor)													
Renewable Energy Certificate Sales	1,173,495.19	1,096,022.90	983,272.08	767,321.60	632,328.21	566,575.77	559,691.08	565,839.75	579,123.48	580,202.43	674,626.69	824,566.86	9,003,066.04
Monthly Revenue Difference	(629,938.13)	(614,376.19)	(380,286.42)	(108,700.21)	83,990.48	130,004.15	198,242.40	154,025.23	104,090.46	(55,313.18)	(128,536.47)	(68,353.88)	241,557.68
Cummulative Difference	(226,675.61)	(841,051.80)	(1,221,338.22)	(1,330,038.44)	(1,246,047.95)	(1,116,043.80)	(917,801.40)	(763,776.17)	(659,685.71)	(714,998.90)	(843,535.36)	(911,889.25)	
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
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
Carrying Cost Adj. for rate calculation	0.00	0.00	(12,920.70)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adjusted Cumulative Difference	(236,580.52)	(843,930.54)	(1,230,111.50)	(1,338,811.71)	(1,254,821.23)	(1,124,817.08)	(926,574.68)	(772,549.45)	(668,458.99)	(723,772.18)	(852,308.64)	(920,662.53)	
Carrying Charge Calculation													
Cumulative Carrying Charge	(1,628.29)	(6,041.56)	(8,773.28)	(9,554.11)	(8,950.78)	(8,016.91)	(6,592.87)	(5,486.46)	(4,738.74)	(5,136.08)	(6,059.40)	(6,550.40)	
Prime 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%
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%
Life-to-Date Revenue Requirement	(228,303.89)	(847,093.36)	(1,230,111.50)	(1,339,592.54)	(1,254,998.73)	(1,124,060.71)	(924,394.27)	(769,262.63)	(664,424.46)	(720,134.97)	(849,594.76)	(918,439.65)	(0.00)
Forecasted Sales (mWh)													0

Rate Calculation - Effective April 2014 - Approved March 12, 2014	
Revenue Requirements April 2014 thru March 2015	8,213,716.13
Carrying Charge (April 2014 thru Mar 2015)	45,161.55
Cummulative 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 2014 thru Mar 2015	1,844,180
New Rate	\$0.00437

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	2015												
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	2015 YE
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Balance
TRACKER SUMMARY													
Requirements Compared to Billed:													
Revenue Requirements													
Langdon	84,916.14	99,539.01	60,315.24	83,290.99	133,185.26	177,148.92	153,447.79	175,587.25	111,361.43	45,396.06	112,085.38	168,489.89	1,404,763.37
Ashtabula	247,482.29	312,326.92	250,103.89	259,007.31	286,840.67	368,972.74	338,656.51	347,791.88	325,685.43	271,498.87	280,948.65	339,778.65	3,629,093.81
Luverne	265,982.42	272,980.16	276,759.60	275,692.04	269,820.26	259,443.99	268,346.37	271,148.97	268,962.82	256,580.56	271,800.07	262,609.62	3,220,126.88
Total	598,380.85	684,846.09	587,178.73	617,990.34	689,846.19	805,565.65	760,450.67	794,528.09	706,009.68	573,475.50	664,834.11	770,878.16	8,253,984.07
Billed (forecast kWh x adj factor)	914,995.33	864,508.22	828,079.36	422,651.20	356,240.82	374,533.77	407,076.44	420,644.93	410,374.67	370,560.13	385,773.19	438,215.25	6,193,653.31
Renewable Energy Certificate Sales													
Monthly Revenue Difference	(323,164.88)	(188,533.93)	(251,126.74)	183,309.11	322,892.11	422,638.06	348,016.36	371,025.21	295,442.25	204,844.87	282,461.89	338,092.90	
Cumulative Difference	(1,235,054.13)	(1,423,588.06)	(1,674,714.80)	(1,491,405.69)	(1,168,513.58)	(745,875.53)	(397,859.16)	(26,833.96)	268,608.30	473,453.17	755,915.06	1,094,007.95	
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
Amortization of 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
Carrying Cost Adj. for rate calculation	0.00	0.00	(3,256.76)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adjusted Cumulative Difference	(1,243,827.41)	(1,432,361.34)	(1,686,744.83)	(1,503,435.73)	(1,180,543.62)	(757,905.56)	(409,889.20)	(38,863.99)	256,578.26	461,423.13	743,885.02	1,081,977.92	
Carrying Charge Calculation	(8,871.81)	(10,226.11)	(12,030.03)	(10,713.26)	(8,393.82)	(5,357.87)	(2,857.95)	(192.76)	1,929.50	3,400.97	5,429.99	7,858.62	
Cumulative Carrying Charge	565,974.77	555,748.66	543,718.62	533,005.36	524,611.54	519,253.67	516,395.71	516,202.95	518,132.46	521,533.43	526,963.42	534,822.04	
Prime 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%
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%
Life-to-Date Revenue Requirement	(1,243,925.93)	(1,433,814.17)	(1,686,744.83)	(1,502,118.96)	(1,176,907.41)	(751,233.40)	(400,717.12)	(27,026.72)	270,537.80	476,854.14	761,345.05	1,101,866.58	(0.00)
Forecasted Sales (mWh)													0

Rate Calculation - Effective April 2015 --Approved March 25, 2015	
Revenue Requirements April 2015 thru March 2016	7,269,677.62
Carrying Charge (April 2015 thru Mar 2016)	(47,876.76)
Cumulative True-Up	(1,780,622.45)
Deferral of Jan 2008 thru Mar 2009 costs	(337,256.00)
Amortization of Deferral	337,256.00
Total Requirements	5,441,178.41
Projected Sales in mWh April 2015 thru Mar 2016	1,896,050
New Rate	\$0.00287

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	2016											2016 YE	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Balance
	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	
TRACKER SUMMARY													
Requirements Compared to Billed:													
Revenue Requirements													
Langdon	146,329.22	142,599.60	136,007.31	63,869.30	97,933.44	135,725.05	168,933.94	170,343.80	119,119.56	58,475.00	95,674.78	127,142.59	1,462,153.59
Ashtabula	347,482.14	342,497.57	252,936.03	225,299.20	274,716.61	283,529.14	334,877.87	343,256.74	283,354.10	244,143.95	255,357.00	290,268.75	3,477,719.11
Luverne	250,868.54	260,308.21	285,909.82	274,006.19	247,888.64	246,482.18	254,179.82	246,336.71	248,072.31	248,568.81	249,080.11	249,080.50	3,060,781.85
Total	744,679.90	745,405.37	674,853.17	563,174.69	620,538.69	665,736.38	757,991.63	759,937.25	650,545.97	551,187.76	600,111.90	666,491.84	8,000,654.54
Billed (forecast kWh x adj factor)	516,648.46	485,484.29	449,057.44	\$411,857.10	354,330.32	383,085.60	745,370.71	782,917.39	785,386.36	669,901.23	799,428.51	923,101.80	7,306,569.21
Renewable Energy Certificate Sales					60,332.97								60,332.97
Monthly Revenue Difference	235,890.07	269,474.18	237,284.55	164,510.91	220,250.46	298,353.98	30,433.19	(4,952.74)	(116,848.00)	(101,547.08)	(182,868.05)	(241,454.10)	
Cumulative Difference	1,329,898.02	1,599,372.20	1,836,656.75	2,001,167.66	2,221,418.11	2,519,772.09	2,550,205.28	2,545,252.55	2,428,404.55	2,326,857.46	2,143,989.41	1,902,535.31	
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
Amortization of 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
Carrying Cost Adj. for rate calculation	0.00	0.00	25,223.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adjusted Cumulative Difference	1,317,867.98	1,587,342.16	1,849,850.07	2,014,360.97	2,234,611.43	2,532,965.41	2,563,398.60	2,558,445.86	2,441,597.86	2,340,050.78	2,157,182.73	1,915,728.63	
Carrying Charge Calculation	9,553.10	11,488.82	13,193.32	14,375.05	15,703.20	17,812.27	18,027.40	17,992.39	17,166.39	16,448.56	15,155.86	13,449.02	
Cumulative Carrying Charge	544,375.14	555,863.97	569,057.28	583,432.34	599,135.54	616,947.81	634,975.21	652,967.60	670,133.99	686,582.55	701,738.41	715,187.43	
Prime Rate	8.62%	8.62%	8.62%	8.62%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%
Monthly Rate	0.71833%	0.71833%	0.71833%	0.71833%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%
Life-to-Date Revenue Requirement	1,339,451.12	1,610,861.02	1,849,850.07	2,015,542.71	2,237,121.32	2,537,584.36	2,568,232.68	2,563,244.94	2,445,570.94	2,343,306.02	2,159,145.27	1,915,984.33	(0.00)
Forecasted Sales (mWh)											149,352	172,457	321,809

Rate Calculation - Effective July 2016 - Approved June 22, 2016	
Revenue Requirements May 2016 thru March 2017	7,392,185.05
Carrying Charge (May 2016 thru Mar 17)	100,574.94
Cumulative True-Up thru May 2016	1,768,795.41
Total Requirements	9,261,555.40
Projected Sales in mWh April 2016 thru Mar 2017	1,730,276
New Rate	\$0.00535

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	Forecast Jan-17	Forecast Feb-17	Forecast Mar-17	Forecast Apr-17	Forecast May-17	Forecast Jun-17	2017 Forecast Jul-17	Forecast Aug-17	Forecast Sep-17	Forecast Oct-17	Forecast Nov-17	Forecast Dec-17	2017 YE Balance
TRACKER SUMMARY													
Requirements Compared to Billed:													
Revenue Requirements													
Langdon	79,473.24	105,428.12	129,760.92	105,346.24	104,089.52	140,676.48	165,626.94	168,341.72	113,497.78	79,027.26	85,214.46	297,187.76	1,573,670.45
Ashtabula	238,077.33	279,720.92	287,301.01	264,465.55	231,383.05	308,542.76	341,827.33	349,391.96	294,724.66	249,336.61	243,486.53	279,796.18	3,368,053.89
Luverne	247,429.31	243,385.90	243,459.50	253,734.33	233,778.05	243,005.59	243,005.64	243,005.64	253,404.73	253,404.73	243,005.64	243,005.64	2,943,624.72
Total	564,979.88	628,534.95	660,521.43	623,546.12	569,250.63	692,224.83	750,459.91	760,739.33	661,627.16	581,768.61	571,706.63	819,989.58	7,885,349.06
Billed (forecast kWh x adj factor)	Projected 1,095,701.38	Projected 1,070,965.25	Projected 967,961.71	Projected 793,814.13	Projected 650,065.72	Projected 607,813.86	Projected 630,185.59	Projected 651,488.69	Projected 644,011.46	Projected 630,296.82	Projected 758,468.29	Projected 874,427.47	2017 YE 9,375,200.36
Renewable Energy Certificate Sales													0.00
Monthly Revenue Difference	(517,272.48)	(432,637.88)	(300,706.18)	(165,659.59)	(77,377.73)	87,301.35	123,781.84	113,633.17	22,801.51	(43,181.22)	(181,719.92)	(50,680.72)	
Cumulative Difference	1,385,262.83	952,624.96	651,918.78	486,259.19	408,881.46	496,182.81	619,964.65	733,597.82	756,399.33	713,218.11	531,498.18	480,817.46	
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	
Amortization of 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	
Carrying Cost Adj. for rate calculation	0.00	0.00	(8,584.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Adjusted Cumulative Difference	1,398,456.15	965,818.27	656,527.19	490,867.60	413,489.88	500,791.23	624,573.07	738,206.23	761,007.74	717,826.52	536,106.60	485,425.87	
Carrying Charge Calculation	9,792.42	6,734.11	4,608.41	3,437.37	2,890.38	3,507.52	4,382.53	5,185.80	5,346.99	5,041.74	3,757.16	3,398.90	
Cumulative Carrying Charge	724,979.86	731,713.96	736,322.38	739,759.74	742,650.13	746,157.64	750,540.17	755,725.97	761,072.96	766,114.70	769,871.86	773,270.76	
Prime Rate	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	
Monthly Rate	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	
Life-to-Date Revenue Requirement	1,395,055.26	959,359.06	656,527.19	489,696.56	411,771.85	499,690.33	624,347.18	738,783.62	761,746.32	718,259.84	535,255.34	484,216.36	(0.00)
Forecasted Sales (mWh)	204,703	200,081	180,838	160,282	131,258	122,726	127,243	131,545	130,035	127,266	153,146	176,559	1,845,683

Rate Calculation - Effective April 2017	
Revenue Requirements April 2017 thru March 2018	8,460,199.44
Carrying Charge (April 2017 thru Mar 2018)	39,089.54
Cumulative True-Up	656,527.19
Total Requirements	9,155,816.18
Projected Sales in mWh April 2017 thru Mar 2018	1,848,690
New Rate	\$0.00495

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	2018												2018 YE
	Forecast Jan-18	Forecast Feb-18	Forecast Mar-18	Forecast Apr-18	Forecast May-18	Forecast Jun-18	Forecast Jul-18	Forecast Aug-18	Forecast Sep-18	Forecast Oct-18	Forecast Nov-18	Forecast Dec-18	Balance
TRACKER SUMMARY													
Requirements Compared to Billed:													
Revenue Requirements													
Langdon	287,436.29	284,561.69	301,832.85	296,941.21	294,088.46	285,023.35	285,785.06	285,464.64	292,866.62	293,196.59	285,544.50	285,711.81	3,478,453.08
Ashtabula	239,734.76	281,266.02	289,436.62	266,324.56	232,930.41	310,090.12	343,374.69	350,939.32	296,583.68	251,626.50	475,430.83	475,430.02	3,813,167.54
Luverne	250,957.34	246,792.63	246,868.44	257,451.57	236,896.61	246,400.97	246,401.03	246,401.03	252,175.50	252,618.48	241,907.42	241,907.42	2,966,778.44
Total	778,128.40	812,620.34	838,137.90	820,717.35	763,915.48	841,514.44	875,560.78	882,804.99	841,625.80	797,441.57	1,002,882.75	1,003,049.26	10,258,399.06
Billed (forecast kWh x adj factor)													
Billed (forecast kWh x adj factor)	1,020,384.33	995,357.76	899,502.07	907,407.40	744,357.37	694,260.92	718,516.80	743,056.64	734,772.24	719,547.11	866,280.81	999,269.83	10,042,713.28
Renewable Energy Certificate Sales													0.00
Monthly Revenue Difference	(238,857.03)	(181,027.00)	(60,933.43)	(86,690.06)	18,945.30	146,774.63	157,602.64	141,421.10	109,526.02	81,341.17	140,623.64	8,795.20	
Cumulative Difference	241,960.43	60,933.43	0.00	(86,690.06)	(67,744.76)	79,029.87	236,632.51	378,053.61	487,579.63	568,920.79	709,544.44	718,339.64	
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
Amortization of 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
Carrying Cost Adj. for rate calculation	0.00	0.00	(4,608.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adjusted Cumulative Difference	246,568.84	65,541.84	0.00	(86,690.06)	(67,744.76)	79,029.87	236,632.51	378,053.61	487,579.63	568,920.79	709,544.44	718,339.64	
Carrying Charge Calculation													
Carrying Charge Calculation	1,710.42	430.74	0.00	(612.81)	(478.89)	558.66	1,672.76	2,672.46	3,446.70	4,021.70	5,015.77	5,077.94	
Cumulative Carrying Charge	774,981.18	775,411.92	775,411.92	774,799.10	774,320.22	774,878.88	776,551.63	779,224.10	782,670.80	786,692.50	791,708.27	796,786.21	
Prime Rate	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%	8.48%
Monthly Rate	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%	0.70690%
Life-to-Date Revenue Requirement													
Life-to-Date Revenue Requirement	243,670.85	61,364.17	0.00	(87,302.87)	(68,223.65)	79,588.53	238,305.26	380,726.07	491,026.33	572,942.49	714,560.21	723,417.58	(0.00)
Forecasted Sales (mWh)													
Forecasted Sales (mWh)	206,030	200,977	181,622	161,297	132,314	123,409	127,721	132,083	130,610	127,904	153,987	177,626	1,855,581

Rate Design Calculation

North Dakota Revenue Requirements \$9,155,816

Forecasted Retail Revenue, all classes (April 2017 - March 2018)	\$130,699,721
Revenue Requirement	\$9,155,816
Percentage of Revenue Rate	7.005%

ADIT Proration

	A	B	C	D
1		Tax Conversion Factor	1.5385	
2		Gross Up of Equity %	8.81%	
3		Equity %	5.73%	
4		Gross Up Factor	3.09%	

		Annual	Monthly
7	Debt Return %	2.72%	0.23%
8		0.17%	0.01%
9	Equity Return %	5.73%	0.48%
10	Rate of Return	8.62%	0.72%
11	Tax RR on Equity Return	3.09%	0.26%
12	Rate Base Rev Req Gross Up Factor	11.70%	0.98%
13	Monthly Gross Up Factor (D11) Multiplied by ND Factors		0.39%

April 2017 - March 2018 Recovery Period					
Month	Original ADIT Balance - All Projects	ADIT Prorate Balance - All Projects	Difference due to ADIT Proration (B - A)	Revenue Requirement Impact C * D12	
18	Apr-17	(\$69,833,108)	(\$69,856,743)	(\$23,634)	(\$93)
19	May-17	(69,498,098)	(69,570,630)	(72,532)	(286)
20	Jun-17	(69,163,046)	(69,308,925)	(145,879)	(574)
21	Jul-17	(68,827,819)	(69,072,348)	(244,529)	(963)
22	Aug-17	(68,492,550)	(68,861,003)	(368,453)	(1,450)
23	Sep-17	(68,157,239)	(68,674,074)	(516,835)	(2,034)
24	Oct-17	(67,821,666)	(68,512,271)	(690,604)	(2,718)
25	Nov-17	(67,486,052)	(68,374,900)	(888,849)	(3,499)
26	Dec-17	(67,150,394)	(68,262,777)	(1,112,383)	(4,379)
27	Jan-18	(66,793,524)	(68,085,197)	(1,291,673)	(5,084)
28	Feb-18	(66,541,220)	(68,022,492)	(1,481,272)	(5,831)
29	Mar-18	(\$66,295,880)	(\$67,984,402)	(\$1,688,521)	(\$6,646)
30	Total Revenue Requirement Impact				(\$33,557)

ND Revenue Requirement Adjustment	(\$33,557)
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Attachment 7:

Updated Renewable Resource Rider

(Redline and Clean Versions)



Fergus Falls, Minnesota

RENEWABLE RESOURCE COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Services	50-520

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 in Section 9, 10, 11, 12, 13.05, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider).

COST RECOVERY CHARGE: There shall be included on each North Dakota customer’s monthly bill a Renewable Resource Cost Recovery (“RRC”) charge based on the applicable cost recovery factor multiplied by the Customer’s monthly bill. The Customer’s monthly bill shall be based on all applicable charges and credits under the Company’s retail rate schedules in Sections 9, 10, 11, 12, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider). The RRC charge will not apply to any Mandatory Riders or sales tax and any local assessments as provided in the General Rules and Regulations for the Company’s electric service, except Section 13.05 (Economic Development Cost Removal Rider). 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.

Renewable Resource Cost Recovery Factor - 7.5737 <u>7.005</u> percent

DETERMINATION OF RENEWABLE RESOURCE COST CHARGE: The RRC Factor shall be determined by dividing the forecasted *balance of the RRC Tracker account* by the *forecasted retail revenues subject to the RRC Factor*. The forecasted RRC Tracker balance and retail revenues shall be based on the forecast for the appropriate 12 month period (or such other period as may be approved by the Commission). The RRC Factor shall be rounded to the nearest 0.001 percent.



Fergus Falls, Minnesota

RENEWABLE RESOURCE COST RECOVERY RIDER

DESCRIPTION	RATE CODE
All Services	50-520

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 in Section 9, 10, 11, 12, 13.05, and 14, except for Section 14.09 (**TailWinds**) and Section 14.11 (Released Energy Access Program Rider).

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Renewable Resource Cost Recovery Factor - 7.005 percent
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DETERMINATION OF RENEWABLE RESOURCE COST CHARGE: The RRC Factor shall be determined by dividing the forecasted *balance of the RRC Tracker account* by the *forecasted retail revenues subject to the RRC Factor*. The forecasted RRC Tracker balance and retail revenues shall be based on the forecast for the appropriate 12 month period (or such other period as may be approved by the Commission). The RRC Factor shall be rounded to the nearest 0.001 percent.

On December 30, 2016, Otter Tail Power Company filed a request with the North Dakota Public Service Commission to decrease its Renewable Resource Adjustment, which is part of the Energy and Renewable Adj. line on your bill. The Renewable Resource Cost Recovery Rider has been in effect since 2008 to recover costs associated with Otter Tail Power Company's investment in wind generation. Please see panel below for more information.

The proposed change to the Renewable Resource Adjustment is for bills rendered on and after April 1, 2017. The proposed rate for all classes of service is 7.005% of base charges and credits. The current rate is 7.573%. This proposed update would decrease the charge on base rates by 0.568%. This change is proposed only and, if suspended by the Commission, the new rates will not be effective until the Commission takes action. For more information contact customer service at 800-257-4044 or place an inquiry from our website at otpc.com.