215 South Cascade Street
PO Box 496
Fergus Falls, Minnesota 56538-0496
218 739-8200
www.otpco.com (web site)



September 30, 2015

Mr. Daniel P. Wolf Executive Secretary Minnesota Public Utilities Commission 121 7th Place East, Suite 350 St. Paul, MN 55101-2147

Re: In the Matter of the Petition of Otter Tail Power Company for Approval of a Transmission Cost Recovery Rider Annual Adjustment Docket No. E017/M-15-___

Dear Mr. Wolf:

Otter Tail Power Company ("Otter Tail") hereby submits its Petition to the Minnesota Public Utilities Commission ("Commission") for approval of its Transmission Cost Recovery Rider Annual Rate Adjustment.

Otter Tail has electronically filed this document with the Commission which, in compliance with Minn. Rule 7829.1300, subp. 2, also constitutes service on the Department of Commerce, Division of Energy Resources and the Office of Attorney General-Antitrust & Utilities Division. A Summary of the filing has been served on all persons on Otter Tail's miscellaneous electric service list. A Certificate of Service is also enclosed.

If you have any questions regarding this filing, please contact me at 218-739-8385 or at bhaugen@otpco.com.

Sincerely,

/s/ BRYCE C. HAUGEN
Bryce C. Haugen, Rates Analyst
Regulatory Administration

nlo Enclosures By electronic filing c: Service List



STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

In the Matter of the Petition of Otter Tail Power Company for Approval of a Transmission Cost Recovery Rider Annual Adjustment **Docket No. E017/M-15-___**

PETITION

Summary of Filing

Pursuant to Minn. Stat. §216B.16, subd. 7b and 216.1645, Otter Tail Power Company ("Otter Tail") submits this Petition to the Minnesota Public Utilities Commission ("Commission") for approval of Otter Tail's Transmission Cost Recovery Rider Annual Update including the proposed Transmission Cost Recovery Factors.

STATE OF MINNESOTA BEFORE THE MINNESOTA PUBLIC UTILITIES COMMISSION

Docket No. E017/M-15
PETITION

I. <u>INTRODUCTION</u>

Otter Tail Power Company ("Otter Tail" or "Company") hereby petitions the Minnesota Public Utilities Commission ("Commission") for an Order approving the 2015 annual adjustment to its Transmission Cost Recovery Rider ("TCRR"). The Petition is filed pursuant to Otter Tail's approved TCRR rate schedule, which was originally approved by the Commission on January 28, 2010 in Docket E-017/M-09-881. This is the fourth update requested for the TCRR and includes updates for projects that have been previously approved for recovery in the TCRR and is in compliance with the Commission's Orders from prior TCRR updates in Docket Nos. E017/M-10-1061("10-1061"), E017/M-13-103 ("13-103"), and E017/M-14-375 ("14-375"). In compliance with Order 14-375, this petition also includes the addition of Multi-Value Project Auction Revenue Rights Credits received from the Midcontinent Independent System Operator ("MISO").

II. SUMMARY OF FILING

Pursuant to Minn. Rule 7829.1300, subp. 1, a one-paragraph summary of the filing accompanies this Petition.

III. GENERAL FILING INFORMATION

Pursuant to Minn. Rule 7829.1300, subp. 3, the following information is provided.

A. Name, address and telephone number of utility (Minn. Rules 7829.1300, subp. 3(A))

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 (Minn. Rules 7829.1300, subp. 3(B))

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

C. <u>Date of filing and proposed effective date of rates</u> (Minn. Rules 7829.1300, subp. 3(C))

The date of this filing is September 30, 2015. Otter Tail proposes the TCRR rates become effective April 1, 2016, or on the first day of the month following Commission approval, should its decision be thereafter.

D. <u>Statutes controlling schedule for processing the filing</u> (Minn. Rules 7829.1300, subp. 3(D))

Minn. Stat. §216B.16 permits a utility to implement a proposed rate change after giving the Commission a 60 day notice. This proposed annual adjustment to Otter Tail's TCRR filing falls under definition of a "miscellaneous tariff filing" under Minn. Rules 7829.0100, subp. 11, with Minn. Rules 7829.1400 allowing initial comments within 30 days of filing and replies no more than 10 days thereafter.

E. <u>Title of utility employee responsible for filing</u> (Minn. Rules 7829.1300, subp. 3(E))

Bryce C. Haugen Rates Analyst, Regulatory Administration Otter Tail Power Company 215 South Cascade Street Fergus Falls, Minnesota 56538-0496 (218) 739-8385 bhaugen@otpco.com

F. <u>Impact on rates</u>

(Minn. Rules 7829.1300, subp 4(F))

The TCRR has no effect on Otter Tail's base rates. The additional information required under this Rule is included throughout the Petition.

G. Service list

Pursuant to Minn. Rule 7829.0700, Otter Tail requests that the following persons be placed on the Commission's official service list for this matter and that any trade secret comments, requests, or information be provided to the following on behalf of Otter Tail:

Bryce C. Haugen Rates Analyst, Regulatory Administration Otter Tail Power Company 215 South Cascade Street Fergus Falls, Minnesota, 56538-0496 (218) 739-8385 bhaugen@otpco.com Bruce Gerhardson Associate General Counsel Otter Tail Power Company 215 South Cascade Street Fergus Falls, Minnesota, 56538-0496 (218) 739-8475 bgerhardson@otpco.com

H. <u>Service on other parties</u>

Pursuant to Minn. Rule 7829.1300, subp. 2, Otter Tail has served a copy of this Petition on the Office of Energy Security of the Department of Commerce and the Antitrust & Utilities Division of the Office of the Attorney General. A summary of the filing prepared in accordance with Minn. Rule 7829.1300, subp. 1 was served on all parties on Otter Tail's general service list.

IV. TRANSMISSION COST RECOVERY RIDER

A. Background

Minn. Stat. §216B.16, subd. 7b(a), allows the Commission to approve a tariff mechanism, which provides for the automatic annual adjustment of charges that recover the Minnesota jurisdictional costs of new transmission facilities. Minn. Stat. §216B.1645 states that the Commission may approve a rate schedule that provides for the automatic adjustment of charges to recover prudently incurred investments, expenses, or costs associated with facilities constructed to satisfy the renewable energy objectives and standards set forth in Minn. Stat. §216B.1691, including those made to transmit the electricity generated from renewable generating facilities to Minnesota retail customers. The information provided in this Petition is submitted in accordance with the statutes noted above.

The Commission's Order originally approving Otter Tail's TCRR was issued January 28, 2010 in Docket No. E017/M-09-881 and the first update to the TCRR was approved in an Order issued on March 26, 2012 in Docket 10-1061. Following that Order, Otter Tail implemented updated rates beginning April 1, 2012. The second update to the TCRR was filed on February 7, 2013 in Docket 13-103, and the Commission issued its Order in that Docket on March 10, 2014 and accepted Otter Tail's compliance filing that requested no update to rates until the approval of the next Petition. The third update to the TCRR was filed on May 1, 2014 in Docket 14-375, and the Commission issued its Order in that Docket on February 18, 2015. Following that Order, Otter Tail implemented updated rates beginning March 1, 2015.

In this Petition, Otter Tail is seeking to implement new rates based on updated investment, expense and revenue collections that have occurred in the TCRR since the last update and as accounted for in accordance with the framework that has been Ordered by the Commission in Otter Tail's prior TCRR Dockets.

As noted earlier, the proposed rates in this Petition reflect changes to the existing projects, expenses and revenues currently approved for inclusion within Otter Tail's TCRR as well as one new revenue stream from MISO in compliance with Order 14-375. No new projects are being requested for addition to the TCRR in this Petition. The TCRR framework incorporates all prior Commission Orders.

B. Projects previously approved for recovery in Otter Tail's TCRR

Five projects that were previously approved for inclusion in Otter Tail's TCRR are included in this update.

- 1) Fargo-Monticello CAPX2020 Transmission Project
- 2) Bemidji-Grand Rapids CAPX2020 Transmission Project
- 3) Cass Lake-Bemidji CAPX2020 Transmission Project (Part of Bemidji Project)
- 4) Brookings-Hampton CAPX2020 Transmission Project
- 5) Ramsey 230/115 kW Transformer

The retail allocation of costs and revenues for all the projects listed above is reflected in Attachments 5 through 9 to this filing. As noted in Docket 13-103, the Cass Lake-Bemidji project is part of the Bemidji-Grand Rapids CAPX2020 and is in a separate attachment in order to more closely resemble MISO Attachment GG project breakdowns.

C. Projects not previously included in Otter Tail's TCRR

There are no new projects being added to the TCRR in this Petition.

D. Revenue requirement and rate impact

Attachment 2 is a summary of the proposed \$7,751,522 TCRR revenue requirement that has been calculated for the recovery period of April 1, 2016 to March 31, 2017. This revenue requirement includes an under-recovery true-up of \$127,354 based on updated available actual information through August 31, 2015, and projected investment, expense, and recovery information from September 2015 through March 2016. The revenue requirement for the April 2016 to March 2017 recovery period is \$7,624,168 as noted on Attachment 4, page 2 of 2, line 20.

Otter Tail proposes that the TCRR continue to be applicable to electric service under all of Otter Tail's retail rate schedules. The charge will be included as part of the Resource Adjustment on customers' bills. The proposed rates under the existing rate design are as follows:

<u>Class</u>	<u>¢ / kWh</u>	<u>\$ / kW</u>
Large General Service	N/A	\$1.444
Controlled Service	0.072¢	N/A
Lighting	0.319¢	N/A
All other service	0.464¢	N/A

The following table shows the estimated monthly rate impact, (in this case, a rate reduction) by retail customer class.

Rate Impact														
	Average Current Proposed Change													
	Customers	kW/kWh	Rate	Rate	in Rate	Impact								
Large General Service	529	352	\$2.058	\$1.444	(\$0.61)	(\$214.72)								
Controlled Service	16,797	928	0.122 ¢	0.072 ¢	(0.050)¢	(\$0.46)								
Lighting	2,638	635	0.420 ¢	0.319 ¢	(0.102) ¢	(\$0.64)								
All Other Service	59,005	1,206	0.643 ¢	0.464 ¢	(0.179)¢	(\$2.16)								

The above rates are based on the assumption that they will be in effect from April 1, 2016 to March 31, 2017. Keeping the existing rates in effect until March 31, 2016 allows Otter Tail to more closely achieve the objective of reducing the overall TCRR balance closer to zero and minimizing the current recovery period true-up amount to be rolled into the next recovery period proposed in this filing.

E. Cost recovery methodology

Attachments 1-4 of this Petition are, respectively, the Revenue, Revenue Requirements Summary, Rate Design, and Tracker Summary calculations used for Otter Tail's proposed TCRR rate update.

Attachments 5-9 provide the revenue requirement calculations for each of the transmission projects identified in this filing. These calculations have been made in compliance with all of the Commission's previous Orders regarding Otter Tail's TCRR.

Further detail of key elements of the revenue requirement calculations are included below:

1) *Carrying Charge*. Per the Order in Docket 13-103, the carrying charge has been eliminated from the revenue requirement calculation as reflected in Attachment 4 line 25.

- 2) Rate base section. This section provides details on the amount of plant in service, accumulated depreciation, construction work in progress ("CWIP") (if applicable), accumulated deferred taxes, and a 13-month average rate base calculation for the projects included in the TCRR. Otter Tail has removed actual and forecasted internal costs in the TCRR as Ordered by the Commission in 13-103.
- 3) *Expense section*. The expenses applicable to a project are listed here and include operating costs, property taxes, depreciation, and income taxes.
- 4) Revenue requirements section. This section shows the components of the revenue requirements, including expenses and return on investment and any credits to the revenue requirement for monies received for use of the lines by wholesale customers.
- 5) Return on investment (cost of capital). The cost of capital is as determined in Otter Tail's most recent general rate case (Docket No. E017/GR-10-239).
- 6) *Depreciation expense*. Depreciation expense is calculated using the Company's current depreciation rates.
- 7) *Property taxes*. The property tax calculation is based on Otter Tail's composite tax rate for the jurisdiction in which the transmission facilities are located, and is calculated in accordance with the procedures specified by that state.
- 8) Operation and Maintenance expense. Annual operation and maintenance ("O&M") expenses for the transmission lines typically include costs related to line patrol and inspections, vegetation management, small repair items, storm restoration, and supervision of this work. Other O&M costs are dependent on the severity of storms and resulting damage, tree growth, items found on line patrols, the cost of NERC reporting requirements, and supervision. Otter Tail has set up transmission O&M accounting projects to track O&M costs specifically related to each line included in the TCRR. These O&M costs do not include internal labor costs as they were disallowed for current TCRR recovery in the Order issued by the Commission in 13-103.
- 9) MISO Schedule 26 and 26A expenses. Schedule 26 and Schedule 26A costs for the recovery period appear on lines 9 and 10 of the Tracker Account (Attachment 4), and are shown separately in Attachment 11. These expenses reflect Otter Tail's costs for Otter Tail's TCRR eligible projects and other utilities' projects that qualify for regional cost allocation through MISO's Tariff.
- 10) MISO Schedule 26 and 26A revenues. Schedule 26 and 26A revenues for the recovery period appear on lines 14 and 16 of the Tracker Account Summary (Attachment 4) and are shown separately on Attachments 12 (Schedule 26) and Attachment 13 (Schedule 26A). These revenues reflect Otter Tail's share of the revenues derived for Otter Tail's investments in projects included in Otter Tail's TCRR that qualify for regional cost allocation through MISO's Tariff including revenues associated with project expenses disallowed for recovery in the TCRR per the Commission's Order in Docket 13-103.

11) MISO Schedules 37 and 38 revenues. Included in this TCRR rate update calculation are two revenue credits that reflect revenues received from MISO pursuant to Schedules 37 and 38 of the MISO tariff. The Schedule 37 revenues represent Otter Tail's allocation from MISO of contributions MISO required from American Transmission Systems Inc. ("ATSI") for transmission investments of MISO transmission owners. ATSI withdrew from MISO on June 1, 2011, to integrate with PJM. The Schedule 38 revenues represent Otter Tail's allocation of payments from Duke-Ohio ("DEO") and Duke-Kentucky ("DEK") that departed MISO on December 31, 2011. ATSI, DEO, and DEK have an ongoing obligation to pay for MISO projects due to their prior MISO membership.

The MISO periodically publishes forecasted Schedule 26 and 26A revenues. Embedded in those forecasts provided by MISO, are the Schedule 37 and Schedule 38 revenue credits. In compliance with the Commission's Order in Docket 13-103, Otter Tail has carved out a portion of the MISO Schedule 26 forecast revenue and identified that revenue as Schedule 37 or Schedule 38 Revenue. In Attachment 12, page 1 of 2, line 1 of this filing, shows total actual Schedule 26 revenues through August 2015. Lines 13 and 14 reflect actual Schedule 37 and 38 revenues received by Otter Tail through August 2015. Beginning September 2015, line 1 shows the total MISO forecast for Schedule 26 revenues. Embedded in these MISO forecasts are estimated revenues for ATSI and DEO. Line 2 reflects a revised Schedule 26 Revenue forecast, carving out an estimated amount of revenue associated with ATSI and DEO, and reflecting that forecast revenue on lines 13 and 14 in the corresponding Schedule 37 and Schedule 38 section. The totals of lines 2, 13, and 14 equal the total MISO forecast reflected on Line 1. Detailed descriptions of the MISO 26 and 26A schedules can be found at:

https://www.midwestiso.org/Library/Tariff/Pages/Tariff.aspx

- 12) Wholesale Revenue Credit: Attachment 10, page 1 of 1 shows the calculation of the wholesale revenue credit percentages from Attachment O data for the respective calendar years. Most of these revenue credits are attributable to the wholesale use of existing transmission system assets included in base rates. The Ramsey project is the only project in the TCRR to which this credit is applicable. A credit (calculated at the applicable annual wholesale percentage times the project's revenue requirement) is included as a reduction in the revenue requirement calculation. The wholesale revenue credit is shown on Attachment 9 line 35.
- 13) MISO Multi-Value Project Auction Revenue Rights. A new revenue stream from MISO attributable to Multi-Value Project Auction Revenue Rights ("MVP ARR") has been included as a credit in this year's TCRR. The MVP ARR credit is derived from the increased transmission capacity attributable to MVP projects placed in service within the MISO footprint. The value of these MVP ARR is determined during MISO's annual Financial Transmission Rights auction process.

The revenues are being distributed monthly to Asset Owners who pay for the MVP projects through MISO settlements, allocated in a manner similar to the allocation of Schedule 26A expenses. The revenue is identified in Attachment 14, and is included in the TCRR based on Minnesota's jurisdictional share. As stated earlier, this revenue is reflected as a credit in the rider (Attachment 2, line 13, and Attachment 4, line 17) in compliance with Order 14-375 which in part states:

Approved Otter Tail Power's request to include as a true-up item in its 2015 rider petition its actual amount of Auction Revenue Rights (ARRs) that it receives for its multi-value projects (MVPs), with the understanding that Otter Tail Power will incorporate estimates of all MVP ARRs in future transmission cost recovery (TCR) riders beginning with its 2015 TCR rider.

MISO began distributing MVP ARR revenues in June 2014. Otter Tail has used the first year of actual MVP ARR revenues, which are included as part of this update, to project future distributions from MISO of \$5,500 per month [Total System]. These are the best estimates available at this time and as with all other revenues and expenses, Otter Tail will true up these amounts to actuals in the next annual TCRR update.

F. Allocations and rate design

The allocations and rate design for this annual rider update are the same as approved in the last update to Otter Tail's TCRR. Specifically, the class allocations use the transmission demand allocation factor, D2, from Otter Tail's most recent Minnesota general rate case (Docket No. E017/GR-10-239) to allocate total revenue requirements to jurisdictions (Minnesota, 47.89%) and rate classes. The rate design uses a demand-only billing rate for the Large General Service Class ("LGS") and an energy-only billing rate (¢/kWh) for all other customers. The rate design detail is included in Attachment 3.

In the Commission's Order issued March 26, 2012, the Commission requested an analysis of the impact of a "percentage of revenue" rate design among and within its customer classes. The analysis of a percent of revenue rate design and a comparison to the current rate design for an average month is included on Attachment 3.

G. Transmission Cost Recovery Rider rate schedule

A redline and clean copy of Otter Tail's proposed TCRR Rate Schedule is included in Attachment 15 to this Petition.

H. Revisions to other rate schedules

There are no changes to any other rate schedules.

I. Notice to customers

Attachment 16 is a proposed notice to customers that will be included with customer bills in the month that the new TCRR rates are implemented.

V. CONCLUSION

Otter Tail respectfully requests that the Commission approve the TCRR annual rate adjustment mechanism including the 2015 Transmission Factor as set forth in this Petition.

Dated: September 30, 2015

Respectfully Submitted,

OTTER TAIL POWER COMPANY

By: /s/ BRYCE C. HAUGEN
Bryce C. Haugen
Rates Analyst, Regulatory Administration
Otter Tail Power Company
215 S. Cascade Street
Fergus Falls, MN 56537
(218) 739-8385
bhaugen@otpco.com

OTTER TAIL POWER COMPANY TRANSMISSION COST RECOVERY RIDER FILING ATTACHMENTS

Attachment 1	Projection of Revenue
Attachment 2	Summary of Revenue Requirements
Attachment 3	Class Allocation and Rate Design
Attachment 4	Transmission Tracker Account
Attachment 5	CAPX 2020 Fargo-Monticello
Attachment 6	CAPX 2020 Bemidji-Grand Rapids
Attachment 7	CAPX 2020 Cass Lake-Bemidji
Attachment 8	CAPX 2020 Brookings, SD-Hampton, MN
Attachment 9	Ramsey 230/115 kW Transformer Upgrade
Attachment 10	Wholesale Credit Calculation
Attachment 11	MISO Schedule 26 and Schedule 26A Expenses
Attachment 12	MISO Schedule 26, 37, and 38 Revenues
Attachment 13	MISO Schedule 26A Revenues
Attachment 14	MISO ARR Revenues
Attachment 15	Transmission Rider (redline and clean)
Attachment 16	Notice to Customers

Projected Revenue for April 2016 to March 2017 Recovery Period

Line					Rate per	
No.	Class		Units		Unit	Amount
1 2	Large General Service	(a)	2,455,567	kW	\$1.444	\$3,545,669
3 4	Controlled Service	(b)	190,296,491	kWh	0.072¢	\$137,948
5 6	Lighting	(c)	19,584,210	kWh	0.319¢	\$62,419
7 8	All other service		863,707,737	kWh	0.464¢	\$4,005,486
9	Total revenue					\$7,751,522

⁽a) Rate Schedules 10.03 Large General Service and 10.05 Large General Service - Time of Day

⁽b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load

⁽c) Rate Schedules 11.03 Outdoor Lighting (energy only), 11.04 Outdoor Lighting

Summary of Revenue Requirements

2015 Annual Filing

		2015 Annual Filing
Line		April 2016 -
No.	Revenue Requirements	March 2017
1	CAPX 2020 Fargo	\$5,449,948
2	CAPX 2020 Bemidji	\$371,998
3	CAPX 2020 Cass Lake - Bemidji	\$296,618
4	CAPX 2020 Brookings	\$1,793,997
5	Ramsey 230/115 kW Transformer Upgrade	\$16,186
6		
7	Schedule 26 Expense	6,616,752
8	Schedule 26A Expense	2,535,817
9		
10	Schedule 26 Revenue	(6,900,666)
11	Schedule 37 & 38 Revenue	(204,016)
12	Schedule 26A Revenue	(2,320,858)
13	MVP ARR Revenue	(31,607)
14		
15	True-Up	127,354
16		
17	Total	\$7,751,522

Class Allocation and Current Rate Design

Line No.			April 1, 2016 - March 31, 2017
1	Total Minnesota Revenue Requi	rements	\$7,751,522
2	Large General Service	45.74%	\$3,545,669
3	Controlled Service	1.78%	137,948
4	Lighting	0.81%	62,419
5	All Other Service	51.67%	4,005,486
6	Total		\$7,751,522
7	Large General Service	kW	2,455,567
8	Controlled Service	kWh	190,296,491
9	Lighting	kWh	19,584,210
10	All Other Service	kWh	863,707,737
11	Large General Service	\$ / kW	1.444
12	Controlled Service	cents / kWh	0.072
13	Lighting	cents / kWh	0.319
14	All Other Service	cents / kWh	0.464

 $^{^\}star$ Jurisdictional transmission allocation factor (D2 = 47.89%) is from Otter Tail's last general rate case in Minnesota.

Percent	Percent of Revenue Rate Design per Order Item 6 in Docket No. E017/M-10-1061													
15	Forecasted Minnesota Retail Revenues (April 2016 - March 2017)	\$	172,070,762											
16	Revenue Requirement		\$7,751,522											
17	Percent of revenue rate for MN TCRR		4.505%											

		Α	В	С	D	E	F	G
		Forecast Base Revenue April 2016 -	# of		Average TCR Revenue per Customer Per Month from % Base Revenue			Average TCR Revenue per Customer Per Month per Current
		March 2017	Customers	/ 12)	(1)	Avg kW per month	Avg kWh per month	
18	Large General Service	\$86,218,453	529	\$13,575	\$611.55	352		\$508.26
19	Controlled Service	\$9,192,238	16,797	\$46	\$2.05		928	\$0.67
20	Lighting	\$2,624,284	2,638	\$83	\$3.73		635	\$2.02
21	All Other Service	\$74,035,787	59,005	\$105	\$4.71		1,206	\$5.59
22	Total	\$172,070,762						

- (1) Percent of Revenue Rate of 4.505% X Average Monthly Customer Bill in Column C (2) Corresponding Proposed rate from Current Rate Design X average kW (Column E) or average kWh (Column F)

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2016	2016	2016
Line	TRACKER SUMMARY	March	April	May	June	July	August	September	October	November	December	YE	January	February	March
No.	Requirements Compared to Billed:	Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
	Revenue Requirements														
1	CAPX 2020 Fargo	435,660	430,152	458,595	459,066	458,843	458,784	471,098	459,071	459,337	471,473	5,422,388	453,780	453,780	466,830
2	CAPX 2020 Bemidji	31,167	28,814	28,814	28,814	28,814	28,814	37,794	28,814	28,814	37,794	376,218	28,176	28,176	37,155
3	CAPX 2020 Cass Lake - Bemidji	25,879	25,870	25,870	25,870	25,870	25,870	25,870	25,870	25,870	25,870	310,472	25,115	25,115	25,115
4	CAPX 2020 Brookings	143,616	146,766	146,905	147,010	147,130	147,245	156,625	147,295	147,380	156,757	1,767,705	147,506	147,509	157,329
5	Ramsey 230/115 kW Transformer Upgrade	1,687	1,687	1,687	1,687	1,687	1,687	1,687	1,687	1,687	1,687	20,239	1,366	1,366	1,366
6	Total Revenue Regirements	638,010	633,290	661,872	662,447	662,344	662,400	693,075	662,737	663,088	693,581	7,897,022	655,944	655,946	687,796
7															
	MISO Expenses														
9	MISO Schedule 26 Expense	524,367	571,578	414,396	407,903	426,644	463,738	502,776	502,776	502,776	502,776	5,987,026	656,273	648,778	628,917
10	MISO Schedule 26A Expense	144,179	136,018	112,083	104,298	103,344	116,618	96,451	100,899	115,056	129,198	1,406,009	235,214	212,850	206,890
	Total MISO Expenses	668,546	707,595	526,479	512,201	529,988	580,356	599,227	603,674	617,831	631,974	7,393,035	891,487	861,627	835,807
12															
	MISO Revenues														
14	MISO Schedule 26 Revenue	(505,902)	(530,038)	(450,649)	(526,555)	(570,905)	(664,480)	(456,712)	(442,027)	(471,291)	(410,543)	(6,103,596)	(642,256)	(586,863)	(559,132)
15	MISO Schedule 37 & 38 Revenue	(16,405)	(16,405)	(16,405)	(16,405)	(16,294)	(16,294)	(12,328)	(11,969)	(13,024)	(11,167)	(178,741)	(18,580)	(17,350)	(16,531)
16	MISO Schedule 26A Revenue	(139,381)	(139,061)	(119,486)	(127,857)	(140,963)	(142,106)	(113,573)	(131,938)	(122,976)	(165,655)	(1,596,453)	(334,270)	(163,960)	(156,617)
17	MISO MVP ARR Revenue	(4,351)	(3,315)	(3,081)	(2,720)	(1,681)	(1,789)	(2,634)	(2,634)	(2,634)	(2,634)	(36,389)	(2,634)	(2,634)	(2,634)
	Total MISO Revenues	(666,039)	(688,818)	(589,621)	(673,537)	(729,843)	(824,669)	(585,246)	(588,568)	(609,925)	(589,999)	(7,915,180)	(997,740)	(770,807)	(734,914)
19															
	Net Revenue Requirement	640,517	652,067	598,731	501,112	462,489	418,087	707,055	677,843	670,995	735,555	7,374,877	549,691	746,767	788,689
21															
22	Billed (forecast kWh x adj factor)	987,460	876,902	780,938	804,479	856,540	983,049	877,606	840,447	929,808	1,009,440	9,343,199	1,138,256	1,112,204	1,046,574
23															
	Monthly Revenue Difference	(346,943)	(224,836)	(182,207)	(303,367)	(394,051)	(564,962)	(170,551)	(162,604)	(258,813)	(273,885)	(1,968,322)	(588,565)	(365,437)	(257,885)
25		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Life-to-Date Revenue Requirement (Cumulative Difference)	3,874,518	3,649,682	3,467,474	3,164,107	2,770,057	2,205,094	2,034,543	1,871,940	1,613,126	1,339,242	(1,968,322)	750,677	385,240	127,354
27															
33	Forecasted Sales (MWh)							198,798	190,380	210,623	228,661	828,462	257,841	251,939	237,073

Approved February 18, 2015; Rate Effective March 1, 2015

Nate Effective March 1, 2013	
SUMMARY	Mar 2015 - Dec 2015
Revenue requirements Carrying Charge (Ended 2/1/14 per Order)	\$4,459,572
2013-2014 True-up	3,928,255
Total requirements	\$8,387,827
Mar 2015 - Dec 2015 projected sales in mWh	1,900,033
Average Rate	\$0.00441

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2017	2017	2017	Recovery
Line	TRACKER SUMMARY	April	May	June	July	August	September	October	November	December	YE	January	February	March	Period
No.	Requirements Compared to Billed:	Projected	Projected	Projected	Projected	Ending									
	Revenue Requirements														
1	CAPX 2020 Fargo	453,780	453,780	466,830	453,780	453,780	466,830	453,780	453,780	466,830	5,497,564	437,908	437,908	450,958	5,449,948
2	CAPX 2020 Bemidji	28,176	28,176	37,155	28,176	28,176	37,155	28,176	28,176	37,155	374,029	27,499	27,499	36,478	371,998
3	CAPX 2020 Cass Lake - Bemidji	24,874	24,874	24,874	24,874	24,874	24,874	24,874	24,874	24,874	299,212	24,250	24,250	24,250	296,618
4	CAPX 2020 Brookings	147,514	147,527	157,354	147,549	147,559	157,387	147,579	147,570	157,379	1,809,764	142,056	142,054	152,468	1,793,997
5	Ramsey 230/115 kW Transformer Upgrade	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	16,397	1,296	1,296	1,296	16,186
6	Total Revenue Regirements	655,711	655,724	687,581	655,746	655,756	687,613	655,776	655,767	687,605	7,996,967	633,009	633,007	665,450	7,928,747
7															
	MISO Expenses														
9	MISO Schedule 26 Expense	529,615	456,793	443,552	516,374	483,273	450,172	542,855	595,816	628,917	6,581,336	672,145	658,702	638,538	6,616,752
10	MISO Schedule 26A Expense	177,327	164,079	159,647	172,259	173,787	166,357	174,884	196,824	222,100	2,262,218	333,423	303,543	291,587	2,535,817
	Total MISO Expenses	706,941	620,872	603,199	688,634	657,060	616,529	717,739	792,641	851,017	8,843,554	1,005,568	962,245	930,124	9,152,569
12															
	MISO Revenues														
14	MISO Schedule 26 Revenue	(462,077)	(538,335)	(635,390)	(663,121)	(663,121)	(642,323)	(503,672)	(559,132)	(531,402)	(6,986,823)	(567,365)	(567,365)	(567,365)	(6,900,666)
15	MISO Schedule 37 & 38 Revenue	(13,661)	(15,916)	(18,785)	(19,605)	(19,605)	(18,990)	(14,891)	(16,531)	(15,711)	(206,156)	(16,774)	(16,774)	(16,774)	(204,016)
16	MISO Schedule 26A Revenue	(130,916)	(151,110)	(176,810)	(184,153)	(184,153)	(178,646)	(141,931)	(156,617)	(149,274)	(2,108,459)	(289,082)	(289,082)	(289,082)	(2,320,858)
17	MISO MVP ARR Revenue	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(31,607)	(2,634)	(2,634)	(2,634)	(31,607)
	Total MISO Revenues	(609,288)	(707,994)	(833,620)	(869,513)	(869,513)	(842,593)	(663,128)	(734,914)	(699,021)	(9,333,045)	(875,855)	(875,855)	(875,855)	(9,457,148)
19															
20	Net Revenue Requirement	753,364	568,601	457,160	474,867	443,304	461,549	710,388	713,494	839,602	7,507,476	762,722	719,397	719,720	7,624,168
21															
	Billed (forecast kWh x adj factor)	650,050	586,634	579,659	618,127	630,444	613,092	590,076	637,138	699,438	8,901,693	738,437	734,003	674,423	7,751,522
23															
24	Monthly Revenue Difference	103,314	(18,033)	(122,499)	(143,260)	(187,141)	(151,543)	120,311	76,356	140,164		24,285	(14,606)	45,297	45,297
25	Carrying Charge	0	0	0	0	0	0	0	0	0		0	0	0	
26	Life-to-Date Revenue Requirement (Cumulative Difference)	230,668	212,635	90,137	(53,123)	(240,264)	(391,807)	(271,495)	(195,139)	(54,976)	0	(30,691)	(45,297)	0	0
27				·		<u> </u>		·							
33	Forecasted Sales (MWh)	221,110	199,539	197,166	210,251	214,441	208,538	200,710	216,718	237,908	2,653,234	251,174	249,665	229,400	2,636,619

SUMMARY	April 2016 - March 2017
Revenue requirements Carrying Charge (Ended 2/1/14 per Order)	\$7,624,168
2015 True-up	127,354
Total requirements	\$7,751,522
April 2016 - March 2017 projected sales	2,636,619
Average Rate	\$0.00294

Line No.		2015 Actual March	2015 Actual April	2015 Actual May	2015 Actual June	2015 Actual July	2015 Actual August	2015 Projected September	2015 Projected October	2015 Projected November	2015 Projected December	2015 Projected Total	2016 Projected January	2016 Projected February	2016 Projected March
	RATE BASE														
1	Plant Balance	38,119,492	78,866,999	79,540,874	79,221,598	79,136,726	79,627,276	79,548,272	79,929,472	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370
2	Accumulated Depreciation	(1,077,255)	(1,132,848)	(1,247,834)	(1,363,802)	(1,479,305)	(1,594,685)	(1,710,779)	(1,826,758)	(1,943,293)	(2,060,170)	(2,060,170)	(2,177,047)	(2,293,924)	(2,410,801)
3	Net Plant in Service	37,042,237	77,734,151	78,293,040	77,857,796	77,657,420	78,032,591	77,837,493	78,102,714	78,221,078	78,104,201	78,104,201	77,987,324	77,870,447	77,753,570
4	CWIP	40,026,939	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5 6	Accumulated Deferred Income Taxes Federal & S_	(8,504,025) 68.565.151	(8,655,712) 69.078.438	(8,782,828) 69.510.211	(8,909,538) 68,948,258	(9,036,440) 68.620.980	(9,163,393) 68.869.198	(9,290,051) 68,547,442	(9,416,756) 68.685.958	(9,543,231) 68.677.846	(9,669,565) 68,434,636	(9,669,565) 68,434,636	(9,832,451)	(9,995,337) 67.875.109	(10,158,223) 67.595.346
7	Ending rate base	68,565,151	69,078,438	69,510,211	68,948,258	68,620,980	68,869,198	68,547,442	68,685,958	68,677,846	68,434,636	68,434,636	68,154,872	67,875,109	67,595,346
8	Average rate base	5,710,592	5,710,592	5,710,592	5,710,592	5,710,592	5,710,592	5,710,592	5,710,592	5,710,592	5,710,592	68,527,104	5,563,005	5,563,005	5,563,005
10 11	Return on Rate Base	491,731	491,731	491,731	491,731	491,731	491,731	491,731	491,731	491,731	491,731	5,900,768	479,022	479,022	479,022
12 13	Available for return (equity portion of rate base)	317,208	317,208	317,208	317,208	317,208	317,208	317,208	317,208	317,208	317,208	3,806,494	309,010	309,010	309,010
14	EXPENSES														
15	O&M and Depreciation														
16	Operating Costs	11,502	0	0	0	0	0	25,000	0	0	25,000	61,502	0	0	27,250
17	Property Tax	127,059	127,059	127,059	127,059	127,059	127,059	127,059	127,059	127,059	127,059	1,524,709	133,607	133,607	133,607
18 19	Book Depreciation Total O&M and Depreciation Expense	55,593 194,154	55,593 182.652	114,986 242.045	115,968 243,027	115,503 242,562	115,379 242.438	116,094 268,153	115,979 243,038	116,535 243,594	116,877 268,936	1,149,704 2,735,915	116,877 250,484	116,877 250,484	116,877 277,734
19 20	Total Oxivi and Depreciation Expense	194,154	182,052	242,045	243,027	242,562	242,438	∠08,153	243,038	243,594	∠08,936	2,735,915	∠50,484	∠50,484	211,734
21	Income before Taxes														
22	Available for return (from above)	317,208	317,208	317,208	317,208	317,208	317,208	317,208	317,208	317,208	317,208	3,806,494	309,010	309,010	309,010
23	Taxable Income (grossed up)	541,033	541,033	541,033	541,033	541,033	541,033	541,033	541,033	541,033	541,033	6,492,400	527,051	527,051	527,051
24		,	,	,	,	,	,	,	,	,	,	-,,			
25	Income Taxes														
26	Current and Def Income Taxes	223,825	223,825	223,825	223,825	223,825	223,825	223,825	223,825	223,825	223,825	2,685,906	218,041	218,041	218,041
27	Total Income Tax Expense	223,825	223,825	223,825	223,825	223,825	223,825	223,825	223,825	223,825	223,825	2,685,906	218,041	218,041	218,041
28 29															
30	REVENUE REQUIRMENTS														
31	Expenses	417,980	406,478	465,871	466,853	466,388	466,264	491,979	466,864	467,419	492,762	5,421,821	468,525	468,525	495,775
32 33	Return on rate base	491,731 909,710	491,731 898,208	491,731 957,601	491,731 958,584	491,731 958.118	491,731 957.995	491,731 983,710	491,731 958,594	491,731 959,150	491,731 984,492	5,900,768 11,322,588	479,022 947,547	479,022 947.547	479,022 974,797
34	Subtotal revenue requirements Adjustments	909,710	898,208	957,601	958,584	958,118	957,995	983,710	958,594	959,150	984,492	11,322,588	947,547	947,547	9/4,/9/
35	Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Total revenue requirements	909.710	898.208	957.601	958.584	958.118	957.995	983.710	958.594	959.150	984.492	11.322.588	947.547	947.547	974,797
37 38	Minnesota share - D2 factor	435.660	430.152	458.595	459.066	458.843	458.784	471.098	459.071	459.337	471.473	5,422,388	453.780	453.780	466.830
<u> </u>	=										,				
Line															
No.	SUPPORTING INFORMATION / DATA														
2 3 4 5 6 7 8	ic - -	E per order. Ratio 48.28% 0.00% 51.72% 100.00%	Cost 6.33% 0.00% 10.74%	WA Cost 3.06% 0.00% 5.55% 8.61%	Overall Return				Property tax 2015 composite ra	ate	2.00%		MN Cap Structure Capital Structure Debt Preferred Common Total	ure _ equity	E per order. Ratio 48.28% 0.00% 51.72% 100.00%
9 10 11		Book 50	Tax 15-year MACRS										Project life (years)	1	Book 50
12 13 14 15 16		41.37% 1.70561 0.00% 47.890%	Fed Portion 31.57%	State Portion 9.80%									Tax co Wholesale	tutory Tax Rate onversion factor Revenue Credit nare - D2 factor	41.37% 1.70561 0.00% 47.890%
18 19	Deferred Tax Book depreciation Tay depreciation Federal	55,593	55,593	114,986	115,968	115,503	115,379	116,094	115,979	116,535	116,877	1,149,704	116,877	116,877	116,877
20 21	Tax depreciation-Federal Tax depreciation-MN	114,566 431.048	347,282 663,764	347,282 663.764	347,282 663,764	347,282 663.764	347,282 663,764	347,282 663,764	347,282 663,764	347,282 663,764	347,282 663,764	3,469,234 7,267,019	435,650 752,076	435,650 752,076	435,650 752.076
21	Federal deferred income taxes	431,048 (18,618)	(92,086)	(73,336)	(73,026)	(73,173)	(73,212)	(72,986)	(73,022)	(72,847)	(72,739)	(732,276)	(100,637)	(100,637)	(100,637)
23	State deferred income taxes	(36,795)	(59,601)	(53,780)	(53,684)	(53,730)	(53,742)	(53,672)	(53,683)	(53,628)	(53,595)	(599,497)	(62,250)	(62,250)	(62,250)

Line No.		2016 Projected April	2016 Projected May	2016 Projected June	2016 Projected July	2016 Projected August	2016 Projected September	2016 Projected October	2016 Projected November	2016 Projected December	2016 Projected Total	2017 Projected January	2017 Projected February	2017 Projected March
NO.	RATE BASE	Aprii	iviay	June	July	August	September	October	November	December	Iotai	January	rebruary	Warch
1	Plant Balance	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370	80,164,370
2	Accumulated Depreciation	(2,527,677)	(2,644,554)	(2,761,431)	(2,878,308)	(2,995,185)	(3,112,062)	(3,228,939)	(3,345,816)	(3,462,693)	(3,462,693)	(3,579,570)	(3,696,447)	(3,813,324)
3	Net Plant in Service	77,636,693	77,519,816	77,402,939	77,286,062	77,169,185	77,052,308	76,935,431	76,818,554	76,701,677	76,701,677	76,584,800	76,467,923	76,351,046
5	CWIP Accumulated Deferred Income Taxes Federal & S	(0) (10,321,110)	(0) (10,483,996)	(0) (10,646,882)	(0) (10,809,768)	(0) (10,972,654)	(0) (11,135,541)	(0) (11,298,427)	(0) (11,461,313)	(11,624,199)	(0) (11,624,199)	(0) (11,756,562)	(0) (11,888,925)	(0) (12,021,288)
6	Ending rate base	67.315.583	67,035,820	66,756,057	66,476,293	66,196,530	65,916,767	65,637,004	65,357,241	65,077,478	65,077,478	64,828,238	64,578,998	64,329,758
7		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,	,,		,,				,,	,	,,
8	Average rate base	5,563,005	5,563,005	5,563,005	5,563,005	5,563,005	5,563,005	5,563,005	5,563,005	5,563,005	66,756,057	5,298,503	5,298,503	5,298,503
9	Determine Determine	479,022	479,022	479,022	479,022	479,022	479,022	479,022	479,022	479,022	5,748,265	456,246	456,246	456,246
10 11	Return on Rate Base	479,022	479,022	479,022	479,022	479,022	479,022	479,022	479,022	479,022	5,748,265	456,246	456,246	456,246
12	Available for return (equity portion of rate base)	309,010	309,010	309,010	309,010	309,010	309,010	309,010	309,010	309,010	3,708,117	294.317	294,317	294,317
13														
14	EXPENSES													
15 16	O&M and Depreciation Operating Costs	0	0	27,250	0	0	27.250	0	0	27,250	109.000	0	0	27,250
17	Property Tax	133,607	133,607	133,607	133,607	133,607	133,607	133,607	133,607	133,607	1,603,287	133,607	133,607	133,607
18	Book Depreciation	116,877	116,877	116,877	116,877	116,877	116,877	116,877	116,877	116,877	1,402,524	116,877	116,877	116,877
19	Total O&M and Depreciation Expense	250,484	250,484	277,734	250,484	250,484	277,734	250,484	250,484	277,734	3,114,811	250,484	250,484	277,734
20														
21 22	Income before Taxes Available for return (from above)	309.010	309,010	309.010	309,010	309.010	309,010	309.010	309,010	309.010	3.708.117	294.317	294,317	294.317
23	Taxable Income (grossed_up)	527,051	527,051	527,051	527,051	527,051	527,051	527,051	527,051	527,051	6,324,607	501,991	501,991	501,991
24	ranable meeme (greeced ap)	027,007	027,001	027,001	027,001	027,007	027,001	027,001	027,007	027,001	0,021,001	001,001	001,001	001,001
25	Income Taxes													
26	Current and Def Income Taxes	218,041	218,041	218,041	218,041	218,041	218,041	218,041	218,041	218,041	2,616,490	207,674	207,674	207,674
27 28	Total Income Tax Expense	218,041	218,041	218,041	218,041	218,041	218,041	218,041	218,041	218,041	2,616,490	207,674	207,674	207,674
29														
30	REVENUE REQUIRMENTS													
31	Expenses	468,525	468,525	495,775	468,525	468,525	495,775	468,525	468,525	495,775	5,731,301	458,158	458,158	485,408
32 33	Return on rate base	479,022 947.547	479,022 947,547	479,022	479,022	479,022 947,547	479,022	479,022 947,547	479,022	479,022 974,797	5,748,265	456,246	456,246	456,246
34	Subtotal revenue requirements Adjustments	947,547	947,547	974,797	947,547	947,547	974,797	947,547	947,547	974,797	11,479,566	914,404	914,404	941,654
35	Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Total revenue requirements	947,547	947,547	974,797	947,547	947,547	974,797	947,547	947,547	974,797	11,479,566	914,404	914,404	941,654
37 38	Minnesota share - D2 factor	453.780	453,780	466,830	453.780	453,780	466.830	453,780	453.780	466.830	5.497.564	437.908	437.908	450,958
30	Willinesota Share - D2 lactor	455,760	455,760	400,030	433,760	433,760	400,030	433,760	433,760	400,030	3,497,304	437,900	437,900	430,938
Line														
No.														
1	SUPPORTING INFORMATION / DATA													
2												MN Cap Structure	with allowed RO	E ner order
3		Cost	WA Cost					Property tax				Capital Struct		Ratio
4	·-	6.33%	3.06%				2	2016 composite r	ate	2.00%		Debt	_	48.28%
5		0.00%	0.00%									Preferred		0.00%
6		10.74%	5.55%	Overall Return								Common Total	equity	51.72% 100.00%
8		-	0.0170	Overall rectain								Total		100.0070
9		Tax												Book
10		15-year MACRS										Project life (years))	50
11 12		Fed Portion	State Portion											
13		31.57%	9.80%									Sta	tutory Tax Rate	41.37%
14	•												onversion factor	1.70561
15													Revenue Credit	0.00%
16												MN si	hare - D2 factor	47.890%
17 18	Deferred Tax													
19	Book depreciation	116,877	116,877	116,877	116,877	116,877	116,877	116,877	116,877	116,877	1,402,524	116,877	116,877	116,877
20	Tax depreciation-Federal	435,650	435,650	435,650	435,650	435,650	435,650	435,650	435,650	435,650	5,227,800	392,137	392,137	392,137
21	Tax depreciation-MN	752,076	752,076	752,076	752,076	752,076	752,076	752,076	752,076	752,076	9,024,916	580,786	580,786	580,786
22	Federal deferred income taxes	(100,637)	(100,637)	(100,637)	(100,637)	(100,637)	(100,637)	(100,637)	(100,637)	(100,637)	(1,207,640)	(86,900)	(86,900)	(86,900)
23	State deferred income taxes	(62,250)	(62,250)	(62,250)	(62,250)	(62,250)	(62,250)	(62,250)	(62,250)	(62,250)	(746,994)	(45,463)	(45,463)	(45,463)
_	II.													

Line No.	Year>>	2015 Actual Mar	2015 Actual Apr	2015 Actual May	2015 Actual Jun	2015 Actual Jul	2015 Actual Aug	2015 Projected Sep	2015 Projected Oct	2015 Projected Nov	2015 Projected Dec	2015 Projected Total	2016 Projected Jan	2016 Projected Feb	2016 Projected Mar
1 2 3	RATE BASE Plant Balance Transmission Plant - Land and Land Rights (350) Transmission Plant - Potes & Fixtures (355) Transmission Plant - Overhead Conductors & Devices (3 Plant Balance Plant Balance Accumulated Depreciation Net Plant In Sarrow	486,846 5,386,475 1,548,110 7,421,431 (645,016) 6,776,415	486,846 5,386,475 1,548,110 7,421,431 (656,514) 6,764,917	486,846 5,386,475 1,548,110 7,421,431 (668,012) 6,753,419	486,846 5,386,475 1,548,110 7,421,431 (679,510) 6,741,921	486,846 5,386,475 1,548,110 7,421,431 (691,008) 6,730,423	486,846 5,386,475 1,548,110 7,421,431 (702,506) 6,718,925	486,846 5,386,475 1,548,110 7,421,431 (714,005) 6,707,426	486,846 5,386,475 1,548,110 7,421,431 (725,503) 6,695,928	486,846 5,386,475 1,548,110 7,421,431 (737,001) 6,684,430	486,846 5,386,475 1,548,110 7,421,431 (748,499) 6,672,932	486,846 5,386,475 1,548,110 7,421,431 (748,499) 6,672,932	486,846 5,386,475 1,548,110 7,421,431 (759,997) 6,661,434	486,846 5,386,475 1,548,110 7,421,431 (771,495) 6,649,936	486,846 5,386,475 1,548,110 7,421,431 (782,993) 6,638,438
	CWIP Calculation: Beginning Balance Additiontial CWIP Remove Internal Costs & Cap at CON Closings from CWIP AFUDC	0	0	0	0	0	0	0	0	0	0		0	0	0
4 5 6 7	CWIP (Project #103487) 103487 Accumulated Deferred Income Taxes Federal & State Ending rate base	0 (3,269,146) 3,507,269	0 (3,267,935) 3,496,982	0 (3,266,725) 3,486,694	0 (3,265,514) 3,476,406	0 (3,264,304) 3,466,119	0 (3,263,093) 3,455,831	0 (3,261,883) 3,445,544	0 (3,260,672) 3,435,256	0 (3,259,462) 3,424,968	0 (3,258,252) 3,414,681	0 (3,258,252) 3,414,681	0 (3,257,739) 3,403,695	0 (3,257,227) 3,392,709	0 (3,256,715) 3,381,723
8	Average rate base	289,701	289,701	289,701	289,701	289,701	289,701	289,701	289,701	289,701	289,701	3,476,406	279,064	279,064	279,064
10 11 12	Return on Rate Base Available for return (equity portion of rate base)	24,946 16,092	299,348 193,105	24,030 15,501	24,030 15,501	24,030 15,501									
13 14	EXPENSES		,	,						,	,	750,100		,	,
15 16 17 18 19	O&M and Depreciation Operating Costs Property Tax Book Depreciation Total O&M and Depreciation Expense	4,914 12,369 11,498 28,781	0 12,369 11,498 23,867	0 12,369 11,498 23,867	0 12,369 11,498 23,867	0 12,369 11,498 23,867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617	0 12,369 11,498 23,867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617	0 148,429 137,977 286,406	0 12,369 11,498 23,867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617
20 21 22 23 24	Income before Taxes Available for return (from above) Taxable Income (grossed up) 1.7056	16,092 27,447	193,105 329,362	15,501 26,439	15,501 26,439	15,501 26,439									
25 26 27 28	Income Taxes Current and Def Income Taxes 41.37% Total Income Tax Expense	11,355 11,355	136,257 136,257	10,938 10,938	10,938 10,938	10,938 10,938									
29 30 31 32 33 34	REVENUE REQUIRMENTS EXpenses Return on rate base Subtotal revenue requirements Adjustments	40,135 24,946 65,081	35,222 24,946 60,168	35,222 24,946 60,168	35,222 24,946 60,168	35,222 24,946 60,168	35,222 24,946 60,168	53,972 24,946 78,918	35,222 24,946 60,168	35,222 24,946 60,168	53,972 24,946 78,918	422,663 299,348 722,011	34,805 24,030 58,835	34,805 24,030 58,835	53,555 24,030 77,585
35 36 37	Wholesale Revenue Credit Total revenue requirements	65,081	0 60,168	0 60,168	0 60,168	0 60,168	0 60,168	78,918	0 60,168	0 60,168	78,918	722,011	58,835	0 58,835	77,585
38	Minnesota share - D2 factor 47.89%	31,167	28,814	28,814	28,814	28,814	28,814	37,794	28,814	28,814	37,794	376,218	28,176	28,176	37,155
Line No.															
1 2 3 4 5 6 7 8 9 10	SUPPORTING INFORMATION / DATA	DE per order. Ratio 48.28% 0.00% 51.72% 100.00% Book 50	Cost 6.33% 0.00% 10.74% Tax		verall Return				Property tax 2015 composite ra	ate I	2.00%		MN Cap Structure Capital Struct Debt Preferre Common Total Project life (years)	d equity a equity	E per order. Ratio 48.28% 0.00% 51.72% 100.00% Book 50
12 13 14 15 16 17 18	Deferred Tax Plant Balance	41.37% 1.70561 0.00% 47.890%	Fed Portion 31.57%	9.80%									Tax co Wholesale	tutory Tax Rate inversion factor Revenue Credit nare - D2 factor	41.37% 1.70561 0.00% 47.890%
19 20 21 22 23	Parist Describe Transmission Plant - Land and Land Rights (350) Transmission Plant - Poles & Fotures (355) Transmission Plant - Overhead Conductors & Devices (3 Book depreciation Tax depreciation—Federal Tax depreciation—Federal Tax depreciation—Federal Tax depreciation—Federal Sector Overhead Conductors & Devices (3 State deferred income taxes State deferred income taxes	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	580 8.730 2.188 11,498 (16,869) 90.528 8.955 (7,745)	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	580 8.730 2.188 11,498 (16,869) 90,528 8,955 (7,745)	580 8.730 2.188 11,498 (16,869) 90,528 8.955 (7,745)	580 8,730 2,188 11,498 (16,869) 90,528 8,955 (7,745)	6,955 104,762 26,261 137,977 (202,426) 1,086,341 107,465 (92,940)	580 8,730 2,188 11,498 (15,181) 92,217 8,422 (7,910)	580 8,730 2,188 11,498 (15,181) 92,217 8,422 (7,910)	580 8.730 2.188 11,498 (15,181) 92,217 8,422 (7,910)

Line No.	Year>>	2016 Projected Apr	2016 Projected May	2016 Projected Jun	2016 Projected Jul	2016 Projected Aug	2016 Projected Sep	2016 Projected Oct	2016 Projected Nov	2016 Projected Dec	2016 Projected Total	2017 Projected Jan	2017 Projected Feb	2017 Projected Mar
	RATE BASE Plant Balance Transmission Plant - Land and Land Rights (350) Transmission Plant - Poles & Futures (355) Transmission Plant - Overhead Conductors & Devices (3	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110	486,846 5,386,475 1,548,110
1 2 3	Plant Balance Accumulated Depreciation Net Plant in Service	7,421,431 (794,491) 6,626,940	7,421,431 (805,989) 6,615,442	7,421,431 (817,487) 6,603,943	7,421,431 (828,986) 6,592,445	7,421,431 (840,484) 6,580,947	7,421,431 (851,982) 6,569,449	7,421,431 (863,480) 6,557,951	7,421,431 (874,978) 6,546,453	7,421,431 (886,476) 6,534,955	7,421,431 (886,476) 6,534,955	7,421,431 (897,974) 6,523,457	7,421,431 (909,472) 6,511,959	7,421,431 (920,970) 6,500,461
	CWIP Calculation: Beginning Balance Additiontial CWIP Remove Internal Costs & Cap at CON Closings from CWIP AFUDC	0	0	0	0	0	0	0	0	0	0,004,000	0	0	0
4 5 6	CWIP (Project #103487) 103487 Accumulated Deferred Income Taxes Federal & State Ending rate base	(3,256,203) 3,370,736	0 (3,255,691) 3,359,750	0 (3,255,179) 3,348,764	0 (3,254,667) 3,337,778	0 (3,254,155) 3,326,792	0 (3,253,643) 3,315,806	0 (3,253,131) 3,304,820	0 (3,252,619) 3,293,834	0 (3,252,107) 3,282,848	0 (3,252,107) 3,282,848	(3,252,189) 3,271,268	0 (3,252,271) 3,259,687	0 (3,252,354) 3,248,107
8 9	Average rate base	279,064	279,064	279,064	279,064	279,064	279,064	279,064	279,064	279,064	3,348,764	267,780	267,780	267,780
10 11	Return on Rate Base	24,030	24,030	24,030	24,030	24,030	24,030	24,030	24,030	24,030	288,357	23,058	23,058	23,058
12 13 14	Available for return (equity portion of rate base) EXPENSES	15,501	15,501	15,501	15,501	15,501	15,501	15,501	15,501	15,501	186,015	14,874	14,874	14,874
15 16 17 18	OSM and Depreciation Operating Costs Property Tax Book Depreciation Total OSM and Depreciation Expense	0 12,369 11,498 23.867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617	0 12,369 11,498 23,867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617	0 12,369 11,498 23,867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617	0 148,429 137,977 286,406	0 12,369 11,498 23,867	0 12,369 11,498 23,867	18,750 12,369 11,498 42,617
20 21 22 23	Income before Taxes Available for return (from above) Taxable Income (grossed up) 1.7056	15,501 26,439	15,501 26,439	15,501 26,439	15,501 26,439	15,501 26,439	15,501 26,439	15,501 26,439	15,501 26,439	15,501 26,439	186,015 317,269	14,874 25,370	14,874 25,370	14,874 25,370
24 25 26 27 28	Income Taxes Current and Def Income Taxes 41.37% Total Income Tax Expense	10,938 10,938	10,938 10,938	10,938 10,938	10,938 10,938	10,938 10,938	10,938 10,938	10,938 10,938	10,938 10,938	10,938 10,938	131,254 131,254	10,496 10,496	10,496 10,496	10,496 10,496
29 30	REVENUE REQUIRMENTS													
31 32 33	Expenses Return on rate base Subtotal revenue requirements	34,805 24,030 58,835	34,805 24,030 58,835	53,555 24,030 77,585	34,805 24,030 58,835	34,805 24,030 58,835	53,555 24,030 77,585	34,805 24,030 58,835	34,805 24,030 58,835	53,555 24,030 77,585	417,660 288,357 706,017	34,363 23,058 57,421	34,363 23,058 57,421	53,113 23,058 76,171
34 35 36	Adjustments Wholesale Revenue Credit Total revenue requirements	0 58,835	0 58,835	0 77,585	0 58,835	0 58,835	0 77,585	0 58,835	0 58,835	0 77,585	706,017	0 57,421	0 57,421	76,171
37 38	Minnesota share - D2 factor 47.89%	28,176	28,176	37,155	28,176	28,176	37,155	28,176	28,176	37,155	374,029	27,499	27,499	36,478
Line No.														
1 2 3 4 5 6 7 8	SUPPORTING INFORMATION / DATA	Cost 6.33% 0.00% 10.74%	WA Cost 3.06% 0.00% 5.55% 8.61%	Overall Return			!	Property tax 2016 composite ra	ate	2.00%		Capital Struc Debt	ed equity	E per order. Ratio 48.28% 0.00% 51.72% 100.00%
9 10 11 12 13		Tax 15-year MACRS Fed Portion 31.57%	State Portion 9.80%										atutory Tax Rate	Book 50 41.37%
14 15 16 17 18	Deferred Tax											Wholesale	onversion factor Revenue Credit hare - D2 factor	1.70561 0.00% 47.890%
19	Plant Balance Transmission Plant - Land and Land Rights (350) Transmission Plant - Poles & Fixtures (355) Transmission Plant - Overhead Conductors & Devices (3 Book depreciation	11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498	6,955 104,762 26,261 137,977	580 8,730 2,188 11,498	580 8,730 2,188 11,498	580 8,730 2,188 11,498
20 21 22 23	Tax depreciation-Federal Tax depreciation-MN Federal deferred income taxes State deferred income taxes	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(15,181) 92,217 8,422 (7,910)	(182,168) 1,106,600 101,070 (94,925)	(13,744) 93,653 7,969 (8,051)	(13,744) 93,653 7,969 (8,051)	(13,744) 93,653 7,969 (8,051)

Line	Year>>	2015 Actual	2015 Actual	2015 Actual	2015 Actual	2015 Actual	2015 Actual	2015 Projected	2015 Projected	2015 Projected	2015 Projected	2015 Projected	2016 Projected	2016 Projected	2016 Projected
No.	RATE BASE	March	April	May	June	July	August	September	October	November	December	Total	January	February	March
1	Plant Balance	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052	5,366,052
2	Accumulated Depreciation	(258,594)	(265,630)	(272,666)	(279,702)	(286,738)	(293,774)	(300,810)	(307,846)	(314,882)	(321,919)	(321,919)	(328,955)	(335,991)	(343,027)
3	Net Plant in Service	5,107,458	5,100,422	5,093,386	5,086,350	5,079,313	5,072,277	5,065,241	5,058,205	5,051,169	5,044,133	5,044,133	5,037,097	5,030,061	5,023,025
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Federal & State	(1,474,022)	(1,479,784)	(1,485,547)	(1,491,310)	(1,497,073)	(1,502,836)	(1,508,599)	(1,514,361)	(1,520,124)	(1,525,887)	(1,525,887)	(1,531,244)	(1,536,600)	(1,541,957)
6	Ending rate base	3,633,436	3,620,638	3,607,839	3,595,040	3,582,241	3,569,442	3,556,643	3,543,844	3,531,046	3,518,247	3,518,247	3,505,854	3,493,461	3,481,069
8	Average rate base	299,587	299,587	299,587	299,587	299,587	299,587	299,587	299,587	299,587	299,587	3,595,040	286,991	286,991	286,991
9 10	Return on Rate Base	25,797	25,797	25,797	25,797	25,797	25,797	25,797	25,797	25,797	25,797	309,564	24,712	24,712	24,712
11															
12 13	Available for return (equity portion of rate base)	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	199,695	15,942	15,942	15,942
14	EXPENSES														
15	O&M and Depreciation														
16	Operating Costs	520	502	502	502	502	502	502	502	502	502	6,079	502	502	502
17	Property Tax	8,943	8,943	8,943	8,943	8,943	8,943	8,943	8,943	8,943	8,943	107,321	8,943	8,943	8,943
18 19	Book Depreciation	7,036 16,500	7,036 16.481	7,036 16.481	7,036 16.481	7,036 16,481	7,036 16,481	7,036 16,481	7,036 16.481	7,036 16.481	7,036 16.481	84,432 197,833	7,036 16.481	7,036 16,481	7,036
19 20	Total O&M and Depreciation Expense	16,500	16,481	16,481	16,481	16,481	16,481	16,481	16,481	16,481	16,481	197,833	16,481	16,481	16,481
21	Income before Taxes														
22	Available for return (from above)	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	199,695	15,942	15,942	15,942
23	Taxable Income (grossed up) 1.7056	28,383	28,383	28,383	28,383	28,383	28,383	28,383	28,383	28,383	28,383	340,602	27,190	27,190	27,190
24															
25	Income Taxes														
26 27	Current and Def Income Taxes 41.37% Total Income Tax Expense	11,742	11,742 11,742	11,742 11,742	11,742 11,742	11,742 11,742	11,742 11,742	11,742 11,742	11,742 11,742	11,742 11,742	11,742 11,742	140,907 140,907	11,249 11,249	11,249 11,249	11,249 11,249
28	Total income Tax Expense	11,742	11,742	11,742	11,742	11,742	11,742	11,742	11,742	11,742	11,742	140,907	11,249	11,249	11,249
29															
30	REVENUE REQUIRMENTS														
31	Expenses	28,242	28,224	28,224	28,224	28,224	28,224	28,224	28,224	28,224	28,224	338,740	27,730	27,730	27,730
32	Return on rate base	25,797	25,797	25,797	25,797	25,797	25,797	25,797	25,797	25,797	25,797	309,564	24,712	24,712	24,712
33 34	Subtotal revenue requirements	54,039	54,021	54,021	54,021	54,021	54,021	54,021	54,021	54,021	54,021	648,303	52,442	52,442	52,442
35	Adjustments Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Total revenue requirements	54.039	54.021	54.021	54.021	54.021	54.021	54.021	54.021	54.021	54.021	648.303	52.442	52.442	52,442
37	•		05.000	05.070	05.050		05.000	05.050	05.050	05.000		040.470	05.445	05.445	
38	Minnesota share - D2 factor 47.89%	25,879	25,870	25,870	25,870	25,870	25,870	25,870	25,870	25,870	25,870	310,472	25,115	25,115	25,115
		1													
Line															
No.	SUPPORTING INFORMATION / DATA														
1	oor returne wa eramitier, brink														
2		DE per order. Ratio	Cost	WA Cost					Dramastutav				MN Cap Structure Capital Struct		E per order. Ratio
4		48.28%	6.33%	3.06%					Property tax 2015 composite re	ato	2.00%		Debt	uie <u> </u>	48.28%
5		0.00%	0.00%	0.00%				•	2010 composite ii	uic	2.00%		Preferred	equity	0.00%
6		51.72%	10.74%	5.55%									Common		51.72%
7		100.00%		8.61% O	verall Return								Total	-	100.00%
8		Book	Tax												Book
10			5-year MACRS										Project life (years)	50
11			•										,		
12			Fed Portion												********
13		41.37%	31.57%	9.80%										tutory Tax Rate	41.37%
14 15		1.70561 0.00%												nversion factor Revenue Credit	1.70561 0.00%
16		47.890%												nare - D2 factor	47.890%
17		.1.00070											4 3		000 /0
18	Deferred Tax														
19	Book depreciation	7,036	7,036	7,036	7,036	7,036	7,036	7,036	7,036	7,036	7,036	84,432	7,036	7,036	7,036
20	Tax depreciation-Federal	9,848	9,848	9,848	9,848	9,848	9,848	9,848	9,848	9,848	9,848	118,178	8,866	8,866	8,866
21 22	Tax depreciation-MN Federal deferred income taxes	56,781 (888)	56,781 (888)	56,781	56,781 (888)	56,781 (888)	56,781 (888)	56,781 (888)	56,781 (888)	56,781 (888)	56,781 (888)	681,374 (10,653)	55,799 (578)	55,799 (578)	55,799 (578)
23	State deferred income taxes	(4,875)	(4,875)	(4,875)	(4,875)	(4,875)	(4,875)	(4,875)	(4,875)	(4,875)	(4,875)	(58,500)	(4,779)	(4,779)	(4,779)
		(.,,,,,,)	(.,2.0)	(.,)	(.,2.0)	(.,2.0)	(., 0)	(.,270)	(.,270)	(.,=10)	(.,570)	(22,500)	(.,)	(.,)	(.,)

Line No.	Year>>	2016 Projected April	2016 Projected May	2016 Projected June	2016 Projected July	2016 Projected August	2016 Projected September	2016 Projected October	2016 Projected November	2016 Projected December	2016 Projected Total	2017 Projected January	2017 Projected February	2017 Projected March
	RATE BASE													
1 2	Plant Balance Accumulated Depreciation	5,366,052 (350,063)	5,366,052	5,366,052	5,366,052 (371,171)	5,366,052 (378,207)	5,366,052 (385,243)	5,366,052 (392,279)	5,366,052 (399,315)	5,366,052 (406,351)	5,366,052 (406,351)	5,366,052 (413,384)	5,366,052 (420,416)	5,366,052 (427,449)
3	Net Plant in Service	5,015,989	(357,099) 5,008,953	(364,135) 5,001,917	4,994,881	4,987,845	4,980,809	4,973,773	4,966,737	4,959,701	4,959,701	4,952,668	4,945,636	4,938,603
4	CWIP	0	0,000,000	0,001,017	0	0 .,007	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Federal & State	(1,547,314)	(1,552,670)	(1,558,027)	(1,563,383)	(1,568,740)	(1,574,097)	(1,579,453)	(1,584,810)	(1,590,167)	(1,590,167)	(1,591,496)	(1,592,825)	(1,594,154)
6	Ending rate base	3,468,676	3,456,283	3,443,891	3,431,498	3,419,105	3,406,713	3,394,320	3,381,927	3,369,535	3,369,535	3,361,173	3,352,811	3,344,449
7 8 9	Average rate base	286,991	286,991	286,991	286,991	286,991	286,991	286,991	286,991	286,991	3,443,891	276,614	276,614	276,614
10 11	Return on Rate Base	24,712	24,712	24,712	24,712	24,712	24,712	24,712	24,712	24,712	296,548	23,819	23,819	23,819
12 13	Available for return (equity portion of rate base)	15,942	15,942	15,942	15,942	15,942	15,942	15,942	15,942	15,942	191,299	15,365	15,365	15,365
14	EXPENSES													
15	O&M and Depreciation	_	_		_		_			_		_	0	_
16 17	Operating Costs Property Tax	0 8,943	0 8,943	0 8,943	0 8,943	0 8,943	0 8,943	0 8,943	0 8.943	0 8,943	1,506 107,321	0 8,943	8,943	0 8,943
18	Book Depreciation	7.036	7,036	7,036	7,036	7,036	7,036	7,036	7,036	7.036	84,432	7,033	7.033	7,033
19	Total O&M and Depreciation Expense	15,979	15,979	15,979	15,979	15,979	15,979	15,979	15,979	15,979	193,259	15,976	15,976	15,976
20														
21	Income before Taxes		4= 0.0	,=	,=	4=	,=	4= 0.0	4=		,		,=	,=
22 23	Available for return (from above) Taxable Income (grossed up) 1.7056	15,942 27,190	15,942 27,190	15,942 27,190	15,942 27,190	15,942 27,190	15,942 27,190	15,942 27,190	15,942 27,190	15,942 27,190	191,299 326,281	15,365 26,207	15,365 26,207	15,365 26,207
24	Taxable Income (grossed up) 1.7056	27,190	27,190	27,190	27,190	27,190	27,190	27,190	27,190	27,190	320,201	26,207	20,207	20,207
25	Income Taxes													
26	Current and Def Income Taxes 41.37%	11,249	11,249	11,249	11,249	11,249	11,249	11,249	11,249	11,249	134,983	10,842	10,842	10,842
27	Total Income Tax Expense	11,249	11,249	11,249	11,249	11,249	11,249	11,249	11,249	11,249	134,983	10,842	10,842	10,842
28 29														
30	REVENUE REQUIRMENTS													
31	Expenses	27,228	27,228	27,228	27,228	27,228	27,228	27,228	27,228	27,228	328,242	26,818	26,818	26,818
32	Return on rate base	24,712	24,712	24,712	24,712	24,712	24,712	24,712	24,712	24,712	296,548	23,819	23,819	23,819
33	Subtotal revenue requirements	51,940	51,940	51,940	51,940	51,940	51,940	51,940	51,940	51,940	624,790	50,637	50,637	50,637
34	Adjustments								0					
35 36	Wholesale Revenue Credit Total revenue requirements	0 51.940	51,940	51,940	<u>0</u> 51.940	51.940	51.940	51.940	51.940	51,940	624,790	0 50.637	50.637	50,637
37	Total revenue requirements	31,540	31,540	31,340	31,940	31,540	31,540	31,340	31,540	31,940	024,790	30,037	30,037	30,037
38	Minnesota share - D2 factor 47.89%	24,874	24,874	24,874	24,874	24,874	24,874	24,874	24,874	24,874	299,212	24,250	24,250	24,250
Line														
No.	SUPPORTING INFORMATION / DATA													
1	our orthic and orthic trong Britis													
2												MN Cap Structure		
3		Cost	WA Cost					Property tax		0.000/		Capital Struct	ure _	Ratio
4 5		6.33% 0.00%	3.06% 0.00%				4	2016 composite ra	ite	2.00%		Debt Preferred	equity	48.28% 0.00%
6		10.74%	5.55%									Common		51.72%
7			8.61%	Overall Return								Total		100.00%
8														
9 10		Tax 15-year MACRS										Project life (years))	Book 50
11 12		Fed Portion											_	
13 14		31.57%	9.80%										tutory Tax Rate	41.37% 1.70561
15													Revenue Credit	0.00%
16													hare - D2 factor	47.890%
17		1										1		
18	Deferred Tax													
19	Book depreciation	7,036	7,036	7,036	7,036	7,036	7,036	7,036	7,036	7,036	84,432	7,033	7,033	7,033
20 21	Tax depreciation-Federal Tax depreciation-MN	8,866 55,799	8,866 55,799	8,866 55,799	8,866 55,799	8,866 55,799	8,866 55,799	8,866 55,799	8,866 55,799	8,866 55,799	106,396 669,592	7,956 17,619	7,956 17,619	7,956 17,619
22	Federal deferred income taxes	(578)	(578)	(578)	(578)	(578)	(578)	(578)	(578)	(578)	(6,934)	(292)	(292)	(292)
23	State deferred income taxes	(4,779)	(4,779)	(4,779)	(4,779)	(4,779)	(4,779)	(4,779)	(4,779)	(4,779)	(57,346)	(1,038)	(1,038)	(1,038)

Line No.	Year>>	2015 Actual	2015 Actual	2015 Actual	2015 Actual	2015 Actual	2015 Actual	2015 Projected	2015 Projected	2015 Projected	2015 Projected	2015 Projected	2016 Projected	2016 Projected	2016 Projected
No.	RATE BASE	March	April	May	June	July	August	September	October	November	December	Total	January	February	March
1	Plant Balance	25,028,340	25,225,521	25,375,324	25,544,958	25,706,951	25,763,808	25,773,947	25,893,195	25,945,668	25,930,236	25,930,236	25,933,841	25,937,389	25,940,776
2	Accumulated Depreciation	(306,096)	(343,181)	(380,555)	(418,149)	(455,993)	(494,078)	(532,249)	(570,438)	(608,804)	(647,249)	(647,249)	(685,672)	(724,101)	(762,535)
3	Net Plant in Service CWIP	24,722,244	24,882,340	24,994,769 0	25,126,809 (758)	25,250,958 (758)	25,269,730 (758)	25,241,698 (758)	25,322,757 (758)	25,336,864 (758)	25,282,987 (758)	25,282,987 (758)	25,248,168 30,441	25,213,288 88,132	25,178,241 77,400
5	Accumulated Deferred Income Taxes Federal & State	(2,829,830)	(2,870,548)	(2,911,146)	(2,951,654)	(2,992,057)	(3,032,361)	(3,072,630)	(3,112,891)	(3,153,079)	(3,193,234)	(3,193,234)	(3,243,807)	(3,294,377)	(3,344,946)
6	Ending rate base	21,892,413	22,011,792	22,083,623	22,174,397	22,258,143	22,236,610	22,168,310	22,209,108	22,183,027	22,088,995	22,088,995	22,034,802	22,007,043	21,910,695
7 8 9	Average rate base	1,830,368	1,830,368	1,830,368	1,830,368	1,830,368	1,830,368	1,830,368	1,830,368	1,830,368	1,830,368	21,964,415	1,806,582	1,806,582	1,806,582
10 11	Return on Rate Base	157,610	157,610	157,610	157,610	157,610	157,610	157,610	157,610	157,610	157,610	1,891,323	155,562	155,562	155,562
12 13	Available for return (equity portion of rate base)	101,672	101,672	101,672	101,672	101,672	101,672	101,672	101,672	101,672	101,672	1,220,063	100,351	100,351	100,351
14	EXPENSES														
15 16	O&M and Depreciation Operating Costs	0	0	0	0	0	0	19,500	0	0	19,500	39,000	0	0	20,500
17	Property Tax	40,030	40,030	40,030	40,030	40,030	40,030	40,030	40,030	40,030	40,030	480,358	43,217	43,217	43,217
18	Book Depreciation	30,507	37,084	37,374	37,594	37,844	38,085	38,171	38,188	38,366	38,446	419,606	38,423	38,428	38,434
19	Total O&M and Depreciation Expense	70,537	77,114	77,404	77,624	77,874	78,115	97,701	78,218	78,396	97,975	938,964	81,640	81,646	102,151
20 21	Income hefere Toyon														
21	Income before Taxes Available for return (from above)	101.672	101.672	101.672	101.672	101.672	101.672	101.672	101.672	101.672	101.672	1,220,063	100.351	100.351	100.351
23	Taxable Income (grossed up) 1.7056	173,413	173,413	173,413	173,413	173,413	173,413	173,413	173,413	173,413	173,413	2,080,954	171,159	171,159	171,159
24															
25 26	Income Taxes Current and Def Income Taxes 41.37%	71.741	71.741	71.741	71.741	71.741	71,741	71.741	71.741	71.741	71.741	860.891	70.809	70.809	70.000
27	Total Income Tax Expense 41.37%	71,741	71,741	71,741	71,741	71,741	71,741	71,741	71,741	71,741	71,741	860,891	70,809	70,809	70,809 70,809
28	Total moonic Tax Expense	71,741	71,741	71,741	71,771	71,741	71,741	71,771	71,741	71,741	71,771	000,031	70,003	70,003	70,003
29															
30	REVENUE REQUIRMENTS	110.000	****	110 115				100 110	110.050	150 100	100 710	4 700 055	150 110	450 454	400.000
31 32	Expenses Return on rate base	142,278 157,610	148,855 157,610	149,145 157.610	149,364 157,610	149,615 157,610	149,855 157,610	169,442 157,610	149,959 157,610	150,137 157,610	169,716 157,610	1,799,855 1,891,323	152,449 155,562	152,454 155,562	172,959 155,562
33	Subtotal revenue requirements	299,888	306,465	306,755	306,975	307,225	307,466	327,052	307,569	307,747	327,327	3,691,178	308,011	308,016	328,522
34	Adjustments		,	,	,	,	,	,	,	,-		-,,	,	,	,
35	Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 37	Total revenue requirements	299,888	306,465	306,755	306,975	307,225	307,466	327,052	307,569	307,747	327,327	3,691,178	308,011	308,016	328,522
38	Minnesota share - D2 factor 47.89%	143,616	146,766	146,905	147,010	147,130	147,245	156,625	147,295	147,380	156,757	1,767,705	147,506	147,509	157,329
-		1													
Line No.															
NO.	SUPPORTING INFORMATION / DATA														
1															
2		DE per order. Ratio	0	WA Cost					B				MN Cap Structure		
4		48.28%	Cost 6.33%	3.06%					Property tax 2015 composite ra	ato	2.00%		Capital Struct Debt	ure _	Ratio 48.28%
5		0.00%	0.00%	0.00%					2010 composite ii	110	2.00%		Preferred	equity	0.00%
6		51.72%	10.74%	5.55%									Common		51.72%
7		100.00%		8.61%	Overall Return								Total	_	100.00%
8		Book	Tax												Book
10			15-year MACRS										Project life (years)	50
11			. ,										., (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	
12			Fed Portion											_	
13		41.37%	31.57%	9.80%										tutory Tax Rate	41.37%
14 15		1.70561 0.00%												nversion factor Revenue Credit	1.70561 0.00%
16		47.890%												hare - D2 factor	47.890%
17															
18	Deferred Tax														
19	Book depreciation	30,507	37,084	37,374	37,594	37,844	38,085	38,171	38,188	38,366	38,446	419,606	38,423	38,428	38,434
20 21	Tax depreciation-Federal Tax depreciation-MN	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	110,119 217,299	1,256,319 2,542,478	135,279 242,459	135,279 242,459	135,279 242,459
22	Federal deferred income taxes	(25,134)	(23,057)	(22,965)	(22,896)	(22,817)	(22,741)	(22,714)	(22,708)	(22,652)	(22,627)	(264,150)	(30,577)	(30,576)	(30,574)
23	State deferred income taxes	(18,306)	(17,661)	(17,633)	(17,611)	(17,587)	(17,563)	(17,555)	(17,553)	(17,535)	(17,528)	(208,041)	(19,996)	(19,995)	(19,994)
		<u> </u>										<u> </u>			

Line No.	Year>>	2016 Projected April	2016 Projected May	2016 Projected June	2016 Projected July	2016 Projected August	2016 Projected September	2016 Projected October	2016 Projected November	2016 Projected December	2016 Projected Total	2017 Projected January	2017 Projected February	2017 Projected March
110.	RATE BASE	749111	uy	- Cuito	- Cu.y	ruguot	Сортонные	0010201	11010111201	Docombo	10141	ourradi y	1 ob. daily	mar orr
1	Plant Balance	25,959,564	25,975,417	25,994,111	26,008,522	26,022,931	26,037,340	26,024,332	26,011,324	25,998,126	25,998,126	25,995,074	25,992,022	25,988,970
2	Accumulated Depreciation	(800,973)	(839,438)	(877,925)	(916,438)	(954,972)	(993,526)	(1,032,102)	(1,070,659)	(1,109,197)	(1,109,197)	(1,147,715)	(1,186,229)	(1,224,739)
3 4	Net Plant in Service	25,158,591	25,135,979	25,116,186	25,092,084	25,067,959	25,043,814	24,992,230	24,940,665	24,888,929	24,888,929	24,847,359	24,805,793	24,764,231
5	Accumulated Deferred Income Taxes Federal & State	81,292 (3.395,513)	84,861 (3,446,068)	88,377 (3,496,615)	91,899 (3,547,151)	94,470 (3,597,678)	97,042 (3,648,197)	80,446 (3,698,706)	63,280 (3,749,224)	46,113 (3,799,750)	(3,799,750)	(0) (3,844,701)	(0) (3,889,653)	(0) (3,934,608)
6	Ending rate base	21,844,370	21,774,771	21,707,948	21,636,832	21,564,751	21,492,659	21,373,970	21,254,721	21,135,292	21,089,180	21,002,658	20,916,140	20,829,623
7	Entaing rate base	21,011,010	21,771,771	21,707,010	21,000,002	21,001,701	21,102,000	21,010,010	21,201,721	21,100,202	21,000,100	21,002,000	20,010,110	20,020,020
8	Average rate base	1,806,582	1,806,582	1,806,582	1,806,582	1,806,582	1,806,582	1,806,582	1,806,582	1,806,582	21,678,988	1,714,087	1,714,087	1,714,087
9														
10	Return on Rate Base	155,562	155,562	155,562	155,562	155,562	155,562	155,562	155,562	155,562	1,866,746	147,597	147,597	147,597
11 12	Available for return (equity portion of retailed)	100,351	100,351	100,351	100,351	100,351	100.351	100,351	100,351	100,351	1,204,209	95,213	95,213	95,213
13	Available for return (equity portion of rate base)	100,351	100,351	100,351	100,351	100,351	100,351	100,351	100,351	100,351	1,204,209	95,213	95,215	95,213
14	EXPENSES													
15	O&M and Depreciation													
16	Operating Costs	0	0	20,500	0	0	20,500	0	0	20,500	82,000	0	0	21,750
17	Property Tax	43,217	43,217	43,217	43,217	43,217	43,217	43,217	43,217	43,217	518,605	43,330	43,330	43,330
18	Book Depreciation	38,439	38,465	38,487	38,513	38,534	38,555	38,576	38,557	38,538	461,947	38,519	38,514	38,510
19 20	Total O&M and Depreciation Expense	81,656	81,682	102,204	81,730	81,751	102,272	81,793	81,774	102,255	1,062,552	81,849	81,844	103,590
21	Income before Taxes													
22	Available for return (from above)	100,351	100,351	100,351	100,351	100,351	100,351	100,351	100,351	100,351	1,204,209	95,213	95,213	95,213
23	Taxable Income (grossed up) 1.7056	171,159	171,159	171,159	171,159	171,159	171,159	171,159	171,159	171,159	2,053,912	162,396	162,396	162,396
24														
25	Income Taxes													
26 27	Current and Def Income Taxes 41.37%	70,809 70,809	70,809 70,809	70,809 70,809	70,809 70,809	70,809 70,809	70,809 70,809	70,809 70,809	70,809 70,809	70,809 70,809	849,704 849,704	67,183 67.183	67,183 67.183	67,183 67,183
28	Total Income Tax Expense	70,009	70,009	70,009	70,009	70,009	70,009	70,009	70,009	70,009	049,704	07,103	07,103	07,103
29														
30	REVENUE REQUIRMENTS													
31	Expenses	152,464	152,491	173,012	152,539	152,559	173,080	152,601	152,582	173,064	1,912,256	149,032	149,028	170,773
32 33	Return on rate base	155,562 308.027	155,562 308,053	155,562 328,575	155,562 308,101	155,562 308,122	155,562 328.643	155,562 308,163	155,562 308.145	155,562	1,866,746	147,597 296.630	147,597 296.625	147,597
34	Subtotal revenue requirements Adjustments	308,027	308,053	328,575	308,101	308,122	328,643	308,163	308,145	328,626	3,779,001	296,630	290,025	318,371
35	Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Total revenue requirements	308,027	308,053	328,575	308,101	308,122	328,643	308,163	308,145	328,626	3,779,001	296,630	296,625	318,371
37														
38	Minnesota share - D2 factor 47.89%	147,514	147,527	157,354	147,549	147,559	157,387	147,579	147,570	157,379	1,809,764	142,056	142,054	152,468
Line														
No.	SUPPORTING INFORMATION / DATA													
1	30FF OKTING INFORMATION / DATA													
2												MN Cap Structure	with allowed ROI	E per order.
3		Cost	WA Cost					Property tax	_			Capital Struct	ure	Ratio
4		6.33%	3.06%				2	2016 composite ra	ite	2.00%		Debt		48.28%
5		0.00% 10.74%	0.00% 5.55%									Preferred		0.00% 51.72%
6 7		10.74%		Overall Return								Common Total	equity	100.00%
8		•	0.0178	o co an i court								Total		100.0076
9		Tax												Book
10		15-year MACRS										Project life (years))	50
11		l												
12 13		Fed Portion 31.57%	State Portion 9.80%									Sto	tutory Tax Rate	41.37%
14		31.37 /6	9.00 /6										onversion factor	1.70561
15													Revenue Credit	0.00%
16		1											hare - D2 factor	47.890%
17													_	
18	Deferred Tax	00.4	00.45-	00.45-	00.5/-			00 557	00 ===			00.5:-		
19 20	Book depreciation Tax depreciation-Federal	38,439 135,279	38,465 135,279	38,487 135,279	38,513 135,279	38,534 135,279	38,555 135,279	38,576 135,279	38,557 135,279	38,538 135,279	461,947 1,623,350	38,519 121,785	38,514 121,785	38,510 121,785
21	Tax depreciation-Federal Tax depreciation-MN	242,459	242,459	242,459	242,459	242,459	242,459	242,459	242,459	242,459	2,909,509	228,965	228,965	228,965
22	Federal deferred income taxes	(30,573)	(30,564)	(30,557)	(30,549)	(30,543)	(30,536)	(30,529)	(30,535)	(30,541)	(366,655)	(26,287)	(26,289)	(26,290)
23	State deferred income taxes	(19,994)	(19,991)	(19,989)	(19,987)	(19,985)	(19,983)	(19,981)	(19,982)	(19,984)	(239,861)	(18,664)	(18,664)	(18,665)

Otter Tail Power Company Minnesota Transmission Rider - Revenue Requirements Ramsey 230/115 kW Transformer Upgrade Docket No. E017/M-15-

Line No.	Year>>	2015 Actual March	2015 Actual April	2015 Actual May	2015 Actual June	2015 Actual July	2015 Actual August	2015 Projected September	2015 Projected October	2015 Projected November	2015 Projected December	2015 Projected Total	2016 Projected January	2016 Projected February	2016 Projected March
1	RATE BASE Plant Balance	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343
2	Accumulated Depreciation	(26,648)	(28,058)	(29,469)	(30,879)	(32,290)	(33,701)	(35,111)	(36,522)	(37,933)	(39,343)	(39,343)	(39,935)	(40,528)	(41,120)
3	Net Plant in Service	379,695	378,285	376,874	375,464	374,053	372,642	371,232	369,821	368,410	367,000	367,000	366,408	365,815	365,223
	CWIP Calculation: Beginning Balance Additiontial CWIP Closings from CWIP AFUDC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP (Project #104766)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 6	Accumulated Deferred Income Taxes Federal & State Ending rate base	(107,083) 272,613	(107,685) 270,600	(108,287) 268,587	(108,889) 266,574	(109,492) 264,561	(110,094) 262,549	(110,696) 260,536	(111,298) 258,523	(111,900) 256,510	(112,503) 254,497	(112,503) 254,497	(113,362) 253,046	(114,221) 251,594	(115,080) 250,143
7	Ending rate base	272,010	270,000	200,507	200,514	204,501	202,043	200,550	230,323	230,310	204,401	204,401	200,040	251,554	230,143
8	Average rate base	21,246	21,246	21,246	21,246	21,246	21,246	21,246	21,246	21,246	21,246	254,950	20,482	20,482	20,482
10 11	Return on Rate Base	1,829	1,829	1,829	1,829	1,829	1,829	1,829	1,829	1,829	1,829	21,953	1,764	1,764	1,764
12 13	Available for return (equity portion of rate base)	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	14,162	1,138	1,138	1,138
14	EXPENSES														
15 16	O&M and Depreciation Operating Costs	0	0	0	0	0	0	0	0	0	0		0	0	0
17	Operating Costs Property Tax	284	284	284	284	284	284	284	284	284	284	3,413	284	284	284
18	Book Depreciation	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	16,927	592	592	592
19	Total O&M and Depreciation Expense	1,695	1,695	1,695	1,695	1,695	1,695	1,695	1,695	1,695	1,695	20,341	877	877	877
20 21	Income before Taxes														
22	Available for return (from above)	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	1,180	14,162	1,138	1,138	1,138
23	Taxable Income (grossed up) 1.7056	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	2,013	24,154	1,941	1,941	1,941
24															
25 26	Income Taxes Current and Def Income Taxes 41.37%	833	833	833	833	833	833	833	833	833	833	9.993	803	803	803
27	Total Income Tax Expense 41.37%	833	833	833	833	833	833	833	833	833	833	9,993	803	803	803
28	Total moone Tax Expense		000	000	000	000	000	000	000	000	000	0,000	000	000	
29															
30	REVENUE REQUIRMENTS	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	00.000	4.000	4.000	1.000
31 32	Expenses Return on rate base	2,528 1,829	2,528 1.829	2,528 1,829	2,528 1,829	2,528 1.829	2,528 1.829	2,528 1,829	2,528 1.829	2,528 1,829	2,528 1.829	30,333 21,953	1,680 1,764	1,680 1,764	1,680 1,764
33	Subtotal revenue requirements	4,357	4,357	4,357	4,357	4,357	4,357	4,357	4,357	4,357	4,357	52,287	3,443	3,443	3,443
34	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 36	Wholesale Revenue Credit	(835)	(835)	(835)	(835)	(835)	(835)	(835)	(835)	(835)	(835)	(10,025)	(590)	(590)	(590)
36	Total revenue requirements	3,522	3,522	3,522	3,522	3,522	3,522	3,522	3,522	3,522	3,522	42,262	2,853	2,853	2,853
38	Minnesota share - D2 factor 47.89%	1,687	1,687	1,687	1,687	1,687	1,687	1,687	1,687	1,687	1,687	20,239	1,366	1,366	1,366
Line															-
No.	SUPPORTING INFORMATION / DATA														
1	SUPPORTING INFORMATION / DATA														
2 3 4 5 6 7 8		DE per order. Ratio 48.28% 0.00% 51.72% 100.00%	6.33% 0.00% 10.74%	WA Cost 3.06% 0.00% 5.55% 8.61% On	verall Return				Property tax 2015 composite r	ate	0.84%	1	MN Cap Structure Capital Struct Debt Preferred Common	d equity	E per order. Ratio 48.28% 0.00% 51.72% 100.00%
9 10 11			Tax 5-year MACRS									ı	Project life (years)	Book 50
12 13 14 15 16 17		41.37% 1.70561 19.17% 47.890%	Fed Portion S 31.57%	9.80%									Tax of Wholesale	atutory Tax Rate onversion factor Revenue Credit hare - D2 factor	41.37% 1.70561 17.13% 47.890%
18 19 20 21 22	Deferred Tax Book depreciation Tax depreciation-Federal Tax depreciation-MN Federal deferred income taxes	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	1,411 1,986 5,702 (182)	16,927 23,832 68,429 (2,180)	592 1,789 5,505 (378)	592 1,789 5,505 (378)	592 1,789 5,505 (378)
	State deferred income taxes	(421)	(421)	(421)	(421)	(421)	(421)	(421)	(421)	(421)	(421)	(5,047)	(481)	(481)	(481)

Line No.	Year>>	2016 Projected April	2016 Projected May	2016 Projected June	2016 Projected July	2016 Projected August	2016 Projected September	2016 Projected October	2016 Projected November	2016 Projected December	2016 Projected Total	2017 Projected January	2017 Projected February	2017 Projected March
1	RATE BASE Plant Balance	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406,343	406.343	406,343	406,343	406,343	406,343
2	Accumulated Depreciation	(41,712)	(42,305)	(42,897)	(43,489)	(44,081)	(44,674)	(45,266)	(45,858)	(46,451)	(46,451)	(47,043)	(47,635)	(48,227)
3	Net Plant in Service CWIP Calculation: Beginning Balance Additiontal CWIP Closings from CWIP	364,631 0	364,038	363,446 0	362,854 0	362,262	361,669	361,077 0	360,485 0	359,892	359,892	359,300	358,708 0	358,116 0
4	AFUDC CWIP (Project #104766)	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Accumulated Deferred Income Taxes Federal & State	(115,939)	(116,798)	(117,657)	(118,516)	(119,375)	(120,235)	(121,094)	(121,953)	(122,812)	(122,812)	(123,597)	(124,382)	(125,167)
6	Ending rate base	248,692	247,240	245,789	244,338	242,886	241,435	239,983	238,532	237,081	237,081	235,703	234,326	232,948
7 8 9	Average rate base	20,482	20,482	20,482	20,482	20,482	20,482	20,482	20,482	20,482	245,789	19,068	19,068	19,068
10	Return on Rate Base	1,764	1,764	1,764	1,764	1,764	1,764	1,764	1,764	1,764	21,165	1,642	1,642	1,642
11	A selection of selections of s	1.138	1.138	1.138	1.138	1.138	1.138	1.138	1.138	1.138	13,653	1.059	1.059	1,059
12 13	Available for return (equity portion of rate base)	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	13,653	1,059	1,059	1,059
14	EXPENSES													
15 16	O&M and Depreciation Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Property Tax	284	284	284	284	284	284	284	284	284	3,413	284	284	284
18	Book Depreciation	592	592	592	592	592	592	592	592	592	7,107	592	592	592
19 20	Total O&M and Depreciation Expense	877	877	877	877	877	877	877	877	877	10,521	877	877	877
21	Income before Taxes													
22	Available for return (from above)	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	1,138	13,653	1,059	1,059	1,059
23 24	Taxable Income (grossed up) 1.7056	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	23,287	1,807	1,807	1,807
25	Income Taxes													
26	Current and Def Income Taxes 41.37%	803	803	803	803	803	803	803	803	803	9,634	747	747	747
27	Total Income Tax Expense	803	803	803	803	803	803	803	803	803	9,634	747	747	747
28 29														
30	REVENUE REQUIRMENTS													
31	Expenses	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	20,154	1,624	1,624	1,624
32 33	Return on rate base Subtotal revenue requirements	1,764 3,443	1,764 3,443	1,764 3,443	1,764 3,443	1,764 3,443	1,764 3,443	1,764 3,443	1,764 3,443	1,764 3,443	21,165 41,319	1,642 3,266	1,642 3,266	1,642 3,266
34	Adjustments	0	0,443	0	0	0	0	0	0	0	41,319	0	0	3,200
35	Wholesale Revenue Credit	(590)	(590)	(590)	(590)	(590)	(590)	(590)	(590)	(590)	(7,079)	(560)	(560)	(560)
36 37	Total revenue requirements	2,853	2,853	2,853	2,853	2,853	2,853	2,853	2,853	2,853	34,240	2,706	2,706	2,706
38	Minnesota share - D2 factor 47.89%	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	16,397	1,296	1,296	1,296
Line														
No.	SUPPORTING INFORMATION / DATA													
1	SOLVE STATE OF STATE													
2 3 4 5 6 7 8		Cost 6.33% 0.00% 10.74%	3.06% 0.00% 5.55% 8.61%	Overall Return			:	Property tax 2016 composite n	ate	0.84%		MN Cap Structure Capital Struct Debt Preferrec Common	ture _ d equity	E per order. Ratio 48.28% 0.00% 51.72% 100.00%
9 10 11		Tax 15-year MACRS										Project life (years)	Book 50
12 13 14 15 16 17		Fed Portion 31.57%	State Portion 9.80%									Tax co Wholesale	atutory Tax Rate onversion factor Revenue Credit hare - D2 factor	41.37% 1.70561 17.13% 47.890%
18 19 20 21	Deferred Tax Book depreciation Tax depreciation-Federal Tax depreciation-MN	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	592 1,789 5,505	7,107 21,462 66,059	592 1,610 5,326	592 1,610 5,326	592 1,610 5,326
22 23	Federal deferred income taxes State deferred income taxes	(378) (481)	(378) (481)	(378) (481)	(378) (481)	(378) (481)	(378) (481)	(378) (481)	(378) (481)	(378) (481)	(4,532) (5,777)	(321) (464)	(321) (464)	(321) (464)

2016 Attachment O Filing

Line						Allocated
No.						Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 31)					\$37,997,004
	REVENUE CREDITS	(Note T)	Total	Al	locator	
2	Account No. 454	(page 4, line 34)	76,025	TP	1.00000	76,025
3	Account No. 456.1	(page 4, line 37)	6,433,914	TP	1.00000	6,433,914
4	Revenues from Grandfathered Interzonal Transactions		0	TP	1.00000	0
5	Revenues from service provided by the ISO at a discount		0	TP	1.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				_	6,509,939
7			W	/holesale F	Revenue Credit	17.13%

2015 Attachment O Filing

Line No.						Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 31)					\$32,774,901
	REVENUE CREDITS	(Note T)	Total	Al	locator	
2	Account No. 454	(page 4, line 34)	85,494	TP	1.00000	85,494
3	Account No. 456.1	(page 4, line 37)	6,198,200	TP	1.00000	6,198,200
4	Revenues from Grandfathered Interzonal Transactions		0	TP	1.00000	0
5	Revenues from service provided by the ISO at a discount		0	TP	1.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				_	6,283,694
7			W	holesale f	Revenue Credit	19.17%

			2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
Li	ine		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE
N	lo.	SCHEDULE 26 & SCHEDULE 26A	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected
	1	MISO Schedule 26 Expense	1,213,218	1,293,243	1,122,451	1,223,510	887,049	873,150	913,267	992,671	1,076,234	1,076,234	1,076,234	1,076,234	12,823,494
	2	OTP owned portion of expenses 2.451%	(37,306)	(31,697)	(27,511)	(29,988)	(21,742)	(21,401)	(22,384)	(24,330)	(26,378)	(26,378)	(26,378)	(26,378)	(321,874)
	3	MISO Schedule 26 Expense Recoverable	1,175,911	1,261,546	1,094,939	1,193,522	865,308	851,749	890,883	968,340	1,049,855	1,049,855	1,049,855	1,049,855	12,501,620
	4														
	5	Minnesota share 47.89%	563,144	604,154	524,367	571,578	414,396	407,903	426,644	463,738	502,776	502,776	502,776	502,776	5,987,026
	6														
	7	MISO Schedule 26A Expense	166,840	354,986	303,595	286,410	236,012	219,619	217,610	245,560	203,095	212,460	242,270	272,050	2,960,508
	8	OTP owned portion of expenses 0.834%	(1,295)	(2,961)	(2,532)	(2,389)	(1,968)	(1,832)	(1,815)	(2,048)	(1,694)	(1,772)	(2,021)	(2,269)	(24,594)
	9	MISO Schedule 26A Expense Recoverable	165,546	352,025	301,063	284,021	234,044	217,787	215,795	243,512	201,401	210,688	240,250	269,781	2,935,914
1	10														
1	11	Minnesota share 47.89%	79,280	168,585	144,179	136,018	112,083	104,298	103,344	116,618	96,451	100,899	115,056	129,198	1,406,009

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
Line		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE
No.	SCHEDULE 26 & SCHEDULE 26A	Projected												
1	MISO Schedule 26 Expense	1,404,807	1,376,711	1,334,567	1,123,846	969,317	941,221	1,095,750	1,025,509	955,269	1,151,942	1,264,327	1,334,567	13,977,833
2	OTP owned portion of expenses 1.597%	(34,432)	(21,986)	(21,313)	(17,948)	(15,480)	(15,031)	(17,499)	(16,377)	(15,256)	(18,397)	(20,191)	(21,313)	(235,223)
3	MISO Schedule 26 Expense Recoverable	1,370,376	1,354,725	1,313,254	1,105,898	953,837	926,190	1,078,251	1,009,132	940,013	1,133,546	1,244,135	1,313,254	13,742,610
4														
5	Minnesota share 47.89%	656,273	648,778	628,917	529,615	456,793	443,552	516,374	483,273	450,172	542,855	595,816	628,917	6,581,336
6														
7	MISO Schedule 26A Expense	495,286	448,560	436,000	373,699	345,780	336,440	363,020	366,239	350,580	368,551	414,788	468,054	4,766,996
8	OTP owned portion of expenses 0.915%	(4,131)	(4,104)	(3,989)	(3,419)	(3,164)	(3,078)	(3,322)	(3,351)	(3,208)	(3,372)	(3,795)	(4,283)	(43,217)
9	MISO Schedule 26A Expense Recoverable	491,155	444,455	432,010	370,279	342,616	333,362	359,698	362,888	347,372	365,179	410,993	463,771	4,723,779
10														
11	Minnesota share 47.89%	235,214	212,850	206,890	177,327	164,079	159,647	172,259	173,787	166,357	174,884	196,824	222,100	2,262,218

			2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
L	ine		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE
١	١o.	SCHEDULE 26 & SCHEDULE 26A	Projected												
	1	MISO Schedule 26 Expense	1,426,296	1,397,770	1,354,981	1,141,037	984,144	955,618	1,112,511	1,041,196	969,881	1,169,563	1,283,666	1,354,981	14,191,644
	2	OTP owned portion of expenses 1.597%	(22,778)	(22,322)	(21,639)	(18,222)	(15,717)	(15,261)	(17,767)	(16,628)	(15,489)	(18,678)	(20,500)	(21,639)	(226,641)
	3	MISO Schedule 26 Expense Recoverable	1,403,518	1,375,448	1,333,342	1,122,814	968,427	940,357	1,094,744	1,024,568	954,392	1,150,885	1,263,166	1,333,342	13,965,003
	4	·													
	5	Minnesota share 47.89%	672,145	658,702	638,538	537,716	463,780	450,337	524,273	490,666	457,058	551,159	604,930	638,538	6,687,840
	6														
	7	MISO Schedule 26A Expense	702,656	641,344	616,083	531,713	489,114	479,296	516,980	521,244	502,856	524,101	595,048	667,816	6,788,251
	8	OTP owned portion of expenses 1.171%	(6,429)	(7,510)	(7,214)	(6,226)	(5,728)	(5,613)	(6,054)	(6,104)	(5,888)	(6,137)	(6,968)	(7,820)	(77,692)
	9	MISO Schedule 26A Expense Recoverable	696,227	633,834	608,868	525,486	483,387	473,684	510,926	515,140	496,967	517,964	588,080	659,996	6,710,559
	10	·													
	11	Minnesota share 47.89%	333,423	303,543	291,587	251,655	231,494	226,847	244,683	246,700	237,998	248,053	281,632	316,072	3,213,687

Otter Tail Power Company Minnesota Transmission Cost Recovery Rider Docket No. E017/M-15-

	5	Schedule 37 and 38 Revenues are	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
Lir	ne f	orecasted within Schedule 26 Revenues by	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No	o. N	MISO.	Actual	Projected	Projected	Projected	Projected	Projected							
1		Total Schedule 26 Revenue	(1,154,568)	(1,303,504)	(1,148,006)	(1,201,455)	(1,020,410)	(1,192,129)	(1,292,791)	(1,508,096)	(1,036,179)	(1,005,978)	(1,094,708)	(938,588)	(13,896,412)
2	2 7	Total Schedule 26 Revenue Less 37 & 38 Re	(1,154,568)	(1,303,504)	(1,148,006)	(1,201,455)	(1,020,410)	(1,192,129)	(1,292,791)	(1,508,096)	(1,010,437)	(980,986)	(1,067,511)	(915,270)	(13,795,162)
3	3														
4	4	Fargo 72.50%	(773,699)	(945,093)	(832,350)	(871,103)	(739,838)	(864,341)	(937,325)	(1,093,430)	(732,607)	(711,254)	(773,988)	(663,607)	(9,938,636)
5	5	Bemidji 13.98%	(101,406)	(182,256)	(160,514)	(167,987)	(142,674)	(166,683)	(180,758)	(210,862)	(141,279)	(137,161)	(149,259)	(127,973)	(1,868,814)
6	6	Cass Lake - Bemdji 5.87%	(168,076)	(73,141)	(63,519)	(67,692)	(58,498)	(68,485)	(74,035)	(83,220)	(79,782)	(74,589)	(60,863)	(65,683)	(937,583)
7	7														
8	8	Schedule 26 Revenue	(1,043,180)	(1,200,490)	(1,056,383)	(1,106,782)	(941,010)	(1,099,510)	(1,192,118)	(1,387,513)	(953,668)	(923,005)	(984,111)	(857,263)	(12,745,032)
(9														
1	0	Minnesota Share 47.89%	(499,579)	(574,915)	(505,902)	(530,038)	(450,649)	(526,555)	(570,905)	(664,480)	(456,712)	(442,027)	(471,291)	(410,543)	(6,103,596)
1	1	ľ			•	•			•		•	•	•		
1	2														
1		Schedule 37 1.11%	(13,217)	(14,422)	(14,422)	(14,422)	(14,422)	(14,422)	(14,489)	(14,489)	(10,622)	(10,313)	(11,222)	(9,622)	(156,084)
	4	Schedule 38 1.58%	(19,445)	(19,833)	(19,833)	(19,833)	(19,833)	(19,833)	(19,535)	(19,535)	(15,120)	(14,679)	(15,974)	(13,696)	(217,149)
	5	201104410 00	(10,110)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,120)	(1.,0.0)	(10,011)	(10,000)	(=11,110)
	-	Schedule 37 & 38 Revenue	(32,662)	(34,255)	(34,255)	(34,255)	(34,255)	(34,255)	(34,024)	(34,024)	(25,743)	(24,992)	(27,197)	(23,318)	(373,233)
	7		(12,002)	(1,200)	(11,200)	(1,1,200)	(11,200)	(1,200)	(= 1,02 1)	(= 1,02 1)	(=0). (0)	(= 1,002)	(=1,101)	(20,0.0)	(5:0,200)
1		Minnesota Share 47.89%	(15,642)	(16,405)	(16,405)	(16,405)	(16,405)	(16,405)	(16,294)	(16,294)	(12,328)	(11,969)	(13,024)	(11,167)	(178,741)
		47.5070	(10,042)	(10,400)	(10,400)	(10,400)	(10,400)	(10,400)	(10,204)	(10,204)	(12,020)	(11,000)	(10,024)	(11,101)	(170,141)

	Schedule 37 and 38 Revenues are	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
Line	forecasted within Schedule 26 Revenues by	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No.	MISO.	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
1	Total Schedule 26 Revenue	(1,589,460)	(1,484,260)	(1,414,126)	(1,168,658)	(1,361,526)	(1,606,994)	(1,677,127)	(1,677,127)	(1,624,527)	(1,273,859)	(1,414,126)	(1,343,992)	(17,635,781)
2	Total Schedule 26 Revenue Less 37 & 38 R	e (1,550,662)	(1,448,030)	(1,379,608)	(1,140,132)	(1,328,292)	(1,567,768)	(1,636,190)	(1,636,190)	(1,584,873)	(1,242,765)	(1,379,608)	(1,311,186)	(17,205,303)
3														
4	Fargo 68.85%		(996,896)	(949,791)	(784,924)	(914,462)	(1,079,330)	(1,126,435)	(1,126,435)	(1,091,106)	(855,581)	(949,791)	(902,686)	(11,901,730)
5	Bemidji 15.78%	(216,814)	(228,543)	(217,744)	(179,947)	(209,644)	(247,441)	(258,240)	(258,240)	(250,141)	(196,146)	(217,744)	(206,945)	(2,687,586)
6	Cass Lake - Bemdji 6.11%	(62,825)	(76,169)	(66,148)	(70,494)	(60,920)	(71,320)	(77,100)	(86,666)	(83,085)	(77,677)	(63,383)	(68,402)	(864,188)
7														
8	Schedule 26 Revenue	(1,341,106)	(1,225,439)	(1,167,535)	(964,871)	(1,124,107)	(1,326,771)	(1,384,675)	(1,384,675)	(1,341,247)	(1,051,727)	(1,167,535)	(1,109,631)	(14,589,315)
9														
10	Minnesota Share 47.89%	(642,256)	(586,863)	(559,132)	(462,077)	(538,335)	(635,390)	(663,121)	(663,121)	(642,323)	(503,672)	(559,132)	(531,402)	(6,986,823)
11														
12														
13	Schedule 37 1.11%	(16,009)	(14,950)	(14,243)	(11,771)	(13,714)	(16,186)	(16,892)	(16,892)	(16,363)	(12,831)	(14,243)	(13,537)	(177,632)
14	Schedule 38 1.58%	(22,788)	(21,280)	(20,274)	(16,755)	(19,520)	(23,040)	(24,045)	(24,045)	(23,291)	(18,263)	(20,274)	(19,269)	(252,846)
15		, , ,	, , ,	, , ,	, , ,	, , ,	, ,	, , ,	, , ,	, , ,	, , ,	, , ,	` ' '	` '
16	Schedule 37 & 38 Revenue	(38,798)	(36,230)	(34,518)	(28,526)	(33,234)	(39,226)	(40,938)	(40,938)	(39,654)	(31,094)	(34,518)	(32,806)	(430,478)
17		· · · · ·	. , , ,		. , , ,	· · · · ·			· · · · · ·	· · · · · ·	· · · · · · · · · · · · · · · · · · ·			• • • •
18	Minnesota Share 47.89%	(18,580)	(17,350)	(16,531)	(13,661)	(15,916)	(18,785)	(19,605)	(19,605)	(18,990)	(14,891)	(16,531)	(15,711)	(206,156)

Otter Tail Power Company Minnesota Transmission Cost Recovery Rider Docket No. E017/M-15-

		2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
Line		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No.		Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
1	Total Schedule 26 Revenue	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(1,434,946)	(17,219,357)
2	Total Schedule 26 Revenue Less 37 & 38 Re	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(1,399,920)	(16,799,044)
3														
4	Fargo 68.85%	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(963,775)	(11,565,302)
5	Bemidji 15.78%	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(220,949)	(2,651,393)
6	Cass Lake - Bemdji 6.11%	(65,426)	(76,169)	(66,148)	(70,494)	(60,920)	(71,320)	(77,100)	(86,666)	(83,085)	(77,677)	(63,383)	(68,402)	(866,789)
7	-													
8	Schedule 26 Revenue	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(1,184,725)	(14,216,695)
9		,	,		,			,				,	,	•
10	Minnesota Share 47.89%	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(567,365)	(6,808,375)
11		(3.2. /2.2.7	((, , , , , , , , , , , , , , , , , , ,	(,,	(, , , , , , , , , , , , , , , , , , ,	(//	V //	<u> </u>	(,,	(33,7337)	(3.2.7.2.7	(3.7.7.7)	(1,111,111
12														
13	Schedule 37 1.11%	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(14,453)	(173,438)
14	Schedule 37 1.11% Schedule 38 1.58%	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(20,573)	(246,875)
15	30 iedule 30 1.30 / 0	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(20,373)	(240,073)
16	Schedule 37 & 38 Revenue	(35,026)	(25.026)	(25.026)	(35,026)	(25.026)	(25.026)	(25.026)	(25.026)	(25.026)	(25.026)	(35,026)	(25.026)	(420 212)
-	Scriedule 37 & 36 Reveriue	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(35,026)	(420,313)
17	M*	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(40.774)	(004.000)
18	Minnesota Share 47.89%	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(16,774)	(201,288)
1														

Otter Tail Power Company Minnesota Transmission Cost Recovery Rider Docket No. E017/M-15-

		2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
Line		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No.		Actual	Projected	Projected	Projected	Projected	Projected							
1 2	Total Schedule 26A Revenue	(311,586)	(549,638)	(499,078)	(497,930)	(427,838)	(457,814)	(504,740)	(508,833)	(406,666)	(472,428)	(440,335)	(593,155)	(5,670,041)
3	CAPX 2020 - Brookings 58.329	(208,720)	(320,530)	(291,045)	(290,375)	(249,500)	(266,981)	(294,347)	(296,734)	(237,153)	(275,503)	(256,788)	(345,907)	(3,333,584)
4														
5	Minnesota Share 47.899	(99,956)	(153,502)	(139,381)	(139,061)	(119,486)	(127,857)	(140,963)	(142,106)	(113,573)	(131,938)	(122,976)	(165,655)	(1,596,453)

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016
Line		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No.		Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
1 2	Total Schedule 26A Revenue	(1,196,910)	(1,121,566)	(1,071,336)	(895,531)	(1,033,663)	(1,209,468)	(1,259,698)	(1,259,698)	(1,222,025)	(970,876)	(1,071,336)	(1,021,106)	
3	CAPX 2020 - Brookings 30.53%	(697,996)	(342,368)	(327,035)	(273,369)	(315,535)	(369,201)	(384,534)	(384,534)	(373,034)	(296,369)	(327,035)	(311,702)	(4,402,712)
5	Minnesota Share 47.89%	(334,270)	(163,960)	(156,617)	(130,916)	(151,110)	(176,810)	(184,153)	(184,153)	(178,646)	(141,931)	(156,617)	(149,274)	(2,108,459)

				2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
Lir	ne			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No	0.			Projected												
1	1	Total Schedule 26A Revenue		(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(1,977,463)	(23,729,553)
2	2															
3	3	CAPX 2020 - Brookings 3	30.53%	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(603,638)	(7,243,660)
4	4															
5	5	Minnesota Share 4	17.89%	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(289,082)	(3,468,989)
			Ī	·	·	·		·	·	·	·	·	·			

Г			2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	
l	ine		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	No.		Actual	Projected	Projected	Projected	Projected	Projected							
	1 2 3	Total MISO MVP ARR Revenue Credits	(9,448)	(9,171)	(9,085)	(6,923)	(6,433)	(5,680)	(3,510)	(3,736)	(5,500)	(5,500)	(5,500)	(5,500)	(75,986)
	4	Minnesota Share 47.89%	(4,525)	(4,392)	(4,351)	(3,315)	(3,081)	(2,720)	(1,681)	(1,789)	(2,634)	(2,634)	(2,634)	(2,634)	(36,389)
1		İ													

		2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	
Line		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
No.		Projected												
1 2 3	Total MISO MVP ARR Revenue Credits	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(66,000)
4	Minnesota Share 47.89%	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(31,607)

ľ			2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	
þ	ine		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
L	No.		Projected												
	1 2	Total MISO MVP ARR Revenue Credits	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(5,500)	(66,000)
	3 4	Minnesota Share 47.89%	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(2,634)	(31,607)

TRANSMISSION COST RECOVERY RIDER

DESCRIPTION	RATE
	CODE
Large General Service	31-510
Controlled Service	31-511
Lighting	31-512
All Other Service	31-513

<u>RULES AND REGULATIONS</u>: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

AVAILABILITY: This rider is available to any electric service under all of the Company's retail rate schedules.

COST RECOVERY FACTOR: There shall be included on each Minnesota Customer's monthly bill a Transmission Cost Recovery charge, which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company's electric service. The following charges are applicable in addition to all charges for service being taken under the Company's standard rate schedules.

RATE:

Energy Charge per kWh:		kWh	kWh							
Large General Service	(a)	N/A	¢/kWh	\$ 2.058 1.44						
Controlled Service	(b)	0.122 <u>0.072</u>	¢/kWh	N/A						
Lighting	(c)	0.420 <u>0.319</u>	¢/kWh	N/A						
All Other Service		0.643 <u>0.464</u>	¢/kWh	N/A						
 (a) Rate schedules 10.04 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider. (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load, and 14.07 Fixed Time of Service (c) Rate Schedules 11.03 Outdoor Lighting (Energy only) and 11.04 Outdoor Lighting 										

R R R Fergus Falls, Minnesota

Page 1 of 2 Fourth Revision

TRANSMISSION COST RECOVERY RIDER

DESCRIPTION	RATE
	CODE
Large General Service	31-510
Controlled Service	31-511
Lighting	31-512
All Other Service	31-513

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

AVAILABILITY: This rider is available to any electric service under all of the Company's retail rate schedules.

COST RECOVERY FACTOR: There shall be included on each Minnesota Customer's monthly bill a Transmission Cost Recovery charge, which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company's electric service. The following charges are applicable in addition to all charges for service being taken under the Company's standard rate schedules.

RATE:

TRANSMISSION COST RECOVERY						
Energy Charge per kWh:		kWh	kW			
Large General Service	(a)	N/A ¢/kWh	\$1.444			
Controlled Service	(b)	0.072 ¢/kWh	N/A			
Lighting	(c)	0.319 ¢/kWh	N/A			
All Other Service		0.464 ¢/kWh	N/A			
		<u> </u>				

- (a) Rate schedules 10.04 Large General Service, 10.05 Large General Service Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.
- (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load, and 14.07 Fixed Time of
- (c) Rate Schedules 11.03 Outdoor Lighting (Energy only) and 11.04 Outdoor Lighting

R R R R

Customers notice

The Minnesota Public Utilities Commission has approved an adjustment to the Transmission Cost Recovery Rider that is part of the Resource Adjustment on your monthly electric service statement. This rider recovers costs associated with transmission projects that help to ensure we can continue to provide you with safe and reliable service. The table below shows the prior and new rates, beginning April 1, 2016, for all classes of customers. A residential customer who uses 1,000 kwh per month will see a bill decrease of \$1.79.

Class	Pri	or Rate		April 1, 20	016 Rate	
Large General Service	\$	2.058	per kW	\$	1.444	per kW
Controlled Service	\$	0.00122	per kWh	\$	0.00072	per kWh
Lighting	\$	0.00420	per kWh	\$	0.00319	per kWh
All Other Service	\$	0.00643	per kWh	\$	0.00464	per kWh

For more information contact Customer Service at 800-257-4044 or place an inquiry from our website at www.otpco.com.

CERTIFICATE OF SERVICE

RE: In the Matter of the Petition of Otter Tail Power Company for Approval of a Transmission Cost Recovery Rider Annual Adjustment MPUC Docket No. E017/M-15-___

I, Nancy L. Olson, hereby certify that I have this day served a copy of the following, or a summary thereof, on Daniel P. Wolf and Sharon Ferguson by e-filing, and to all other persons on the attached service list by electronic service or by First Class mail.

Otter Tail Power Company Initial Filing

Dated this **30th** day of **September 2015**.

/S/ NANCY L. OLSON

Nancy L. Olson, Regulatory Filing Coordinator Otter Tail Power Company 215 South Cascade Street Fergus Falls MN 56537 (218) 739-8376

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Christopher	Anderson	canderson@allete.com	Minnesota Power	30 W Superior St Duluth, MN 558022191	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Michael	Bradley	mike.bradley@lawmoss.co m	Moss & Barnett	150 S. 5th Street, #1200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Ray	Choquette	rchoquette@agp.com	Ag Processing Inc.	12700 West Dodge Road PO Box 2047 Omaha, NE 68103-2047	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
James C.	Erickson	jericksonkbc@gmail.com	Kelly Bay Consulting	17 Quechee St Superior, WI 54880-4421	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Bruce	Gerhardson	bgerhardson@otpco.com	Otter Tail Power Company	PO Box 496 215 S Cascade St Fergus Falls, MN 565380496	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Shane	Henriksen	shane.henriksen@enbridge .com	Enbridge Energy Company, Inc.	1409 Hammond Ave FL 2 Superior, WI 54880	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
James D.	Larson	james.larson@avantenergy .com	Avant Energy Services	220 S 6th St Ste 1300 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Douglas	Larson	dlarson@dakotaelectric.co m	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
John	Lindell	agorud.ecf@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012130	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Kavita	Maini	kmaini@wi.rr.com	KM Energy Consulting LLC	961 N Lost Woods Rd Oconomowoc, WI 53066	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Gary	Oetken	goetken@agp.com	Ag Processing, Inc.	12700 West Dodge Road P.O. Box 2047 Omaha, NE 681032047	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
David G.	Prazak	dprazak@otpco.com	Otter Tail Power Company	P.O. Box 496 215 South Cascade S Fergus Falls, MN 565380496	Electronic Service treet	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Larry L.	Schedin	Larry@LLSResources.com	LLS Resources, LLC	12 S 6th St Ste 1137 Minneapolis, MN 55402	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Stuart	Tommerdahl	stommerdahl@otpco.com	Otter Tail Power Company	215 S Cascade St PO Box 496 Fergus Falls, MN 56537	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	No	GEN_SL_Otter Tail Power Company_General Service List - Tariff Filing