



414 Nicollet Mall
Minneapolis, MN 55401

November 6, 2015

—Via Electronic Filing—

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

RE: UPDATE
TRANSMISSION COST RECOVERY RIDER
DOCKET NO. E002/M-15-891

Dear Mr. Wolf:

Northern States Power Company, doing business as Xcel Energy, submits this update to the 2016 Transmission Cost Recovery (TCR) Rider Petition filed on October 1, 2015 in this docket. This update amends our TCR Petition to align with proposals made in our electric rate case filed in Docket No. E002/GR-15-826 on November 2, 2015.

As discussed in our initial TCR filing, during the development of our rate case we analyzed whether the CapX2020 Brookings and Fargo projects should be transitioned to base rates at the time interim rates or final rates are implemented. We believe that transitioning these projects into base rates coincident with implementation of final rates most accurately reflects the Company's rate request in the rate case proceeding. We also view continued recovery of these projects through the TCR Rider during the interim rate period to be relatively simple and straightforward. In fact, the current TCR Rider rates, implemented on July 1, 2015, were calculated over an 18 month period, including calendar year 2016 when interim rates will be in effect. We provide further discussion of this interim rate recovery, including the steps we have taken to ensure against any double recovery of these costs in our interim rate petition in our recently-filed electric rate case.

At implementation of final rates, we will simultaneously reduce our recovery through the TCR Rider, removing these projects from that mechanism. This approach is consistent with the Commission's treatment of Metropolitan Emission

Reduction Project (MERP) costs recovered through the Environmental Improvement Rider (EIR) and the Nobles Wind, Grand Meadow Wind and Wind2Battery projects recovered through the RES Rider in our 2010 rate case (Docket No. E002/GR-10-971). As demonstrated in that case, a thorough discussion of the relationship between rider rates and final rates early in the proceeding can ensure a full understanding of the issues and the impacts associated with the recovery transition, whenever that transition occurs, which is why we have highlighted this issue both in our rate case testimony and in our interim rate petition. As the rate case proceeding moves forward, the Company is committed to providing updated information on the anticipated impact of this transfer on final rates.

As we discussed in both our TCR and Interim Rate Petitions, there is no impact to customers whether the Company recovers the project costs through the TCR Rider or through base rates. It is only the mechanics of the recovery that changes. This update increases the 2016 TCR Rider revenue requirements from \$19.2 million in our initial filing to \$78.4 million.

We mentioned in our TCR Petition that we were assessing our calculation of the plant related Accumulated Deferred Income Taxes (ADIT). We have now completed our analysis. Accordingly, in addition to updating the 2016 TCR revenue requirements to include the CapX2020 Brookings and Fargo projects, we have also adjusted the 2016 estimated annual revenue requirements calculation to include the plant related ADIT offset to rate base in accordance with the proration formula in IRS regulation section 1.167(1)-1(h)(6) and consistent with the Company's electric rate case.¹ The total impact of the ADIT adjustment in 2016 is \$150,830. (See Attachment 4 and Attachment A.)

We also note that our October 1, 2015 TCR Petition states that we calculated our revenue requirements using the jurisdictional demand allocation factors approved in our last rate case (Docket No. E002/GR-13-868). We clarify that to be consistent with Docket No. E002/GR-15-826, the 2015 demand and jurisdictional allocators applied in the TCR are the same as the allocators applied in the rate case docket and are based on the sales forecast included in the rate case proceeding.

If our petition is approved as updated here, the average residential customer using 750 kWh per month would see a bill impact of \$2.35 per month beginning January

¹ See page 19 of our October 1, 2015 TCR Petition, and the Direct Testimony of Company witness Ms. Lisa H. Perkett in the recently filed rate case.

1, 2016.² This is a reduction of approximately \$0.08 per month over the current 2015 TCR residential Adjustment Factor. Table 1 compares the current TCR Adjustment Factors by class to the updated proposed factors.

Table 1: Adjustment Factor Comparison

	2015 Approved³	2016 Proposed
Total Revenue Requirements	\$64.0 million	\$78.4 million
Residential Rate/kWh	0.003236	0.003131
Commercial Non-Demand/kWh	0.003073	0.003025
Demand /kW	0.906000	0.907000

These calculations assume the TCR Adjustment Factors are effective for 12 months beginning January 1, 2016. If implementation of the Factors occurs after this date, we propose to calculate the final 2016 TCR Adjustment Factors to recover the 2016 revenue requirements over the remaining months of 2016, which we would provide as part of a compliance filing after the Commission issues an Order.

Table 2 outlines the filing requirements set forth by the Transmission Statute and prior Commission orders and identifies where information specific to the CapX2020 Brookings and Fargo projects are located in this filing. For ease of review, we have submitted the attachments which are impacted by these projects' inclusion. (See Attachment Table of Contents.)

Table 2: Filing Requirements

Requirement	Authority	Location in Filing
a description of and context for the facilities included for recovery	Minn. Stat. § 216B.16, Subdivision 7b[c] 1	Both projects have been previously approved for TCR Rider cost recovery by the Commission in its Order dated April 27, 2010 in Docket No. E002/M-09-1048
a schedule for implementation of applicable projects	Minn. Stat. § 216B.16, Subdivision 7b[c] 2	Both projects were put in service in 2015: <ul style="list-style-type: none"> • CapX2020 Brookings – 3/30/2015 • CapX2020 Fargo – 4/10/2015

² By way of comparison, under our October 1, 2015 proposal to roll these two projects into base rates in our initial petition, the average residential customer using 750 kWh per month would have seen a bill impact of \$0.57 per month which is a reduction of approximately \$1.86 per month over the current 2015 TCR residential Adjustment Factor.

³ The current Adjustment Factors were implemented on July 1, 2015 and were calculated to recover the forecasted 2015 and 2016 revenue requirements over 18 months.

Requirement	Authority	Location in Filing
the utility's costs for these projects	Minn. Stat. § 216B.16, Subdivision 7b[c] 3	Attachment 3 shows the capital expenditure forecast for each project. Capital expenditures are accumulated from project inception through December 31, 2019.
a description of the utility's efforts to ensure the lowest costs to ratepayers for the project	Minn. Stat. § 216B.16, Subdivision 7b[c] 4	The Company has made extensive efforts to ensure the lowest cost to ratepayers for the proposed TCR-eligible projects. These efforts are discussed in the Project Descriptions in Attachment 1.
calculation to establish that the rate adjustment is consistent with the terms of the tariff established in paragraph [b]	Minn. Stat. § 216B.16, Subdivision 7b[c] 5	Attachment 9 contains the calculation of the proposed 2016 TCR Adjustment Factors by customer class. We provide the details of these calculations under the Cost Recovery section of this Petition.
In setting guidelines for evaluating project costs going forward, the TCR project costs recovered through the rider should be limited to the amounts of the initial estimates at the time the projects are approved as eligible projects, with the opportunity for the Company to seek recovery of excluded costs on a prospective basis in a subsequent rate case. A request to allow cost recovery for project costs above the amount of the initial estimate may be brought forward for Commission review only if unforeseen and extraordinary circumstances arise on the project.	Order Point 4 of the Commission's Order dated April 27, 2010 in Docket No. E002/M-09-1048	<p>CapX2020 Brookings:</p> <ul style="list-style-type: none"> • Initial Cost Estimate in CN-06-1115 \$523.9 • Estimated Cost at Completion* \$477.1 <p>CapX2020 Fargo</p> <ul style="list-style-type: none"> • Initial Cost Estimate in CN-06-1115 \$231.0 • Estimated Cost at Completion* \$226.2 <p>* Excluding RWIP, but including internal labor</p>
shows the cumulative amount of internal labor costs that have been removed through 2016	Commission's decision in our 2012 TCR proceeding.	<p>Cumulative amount of internal labor costs that have been removed through 2016:</p> <ul style="list-style-type: none"> • CapX2020 Brookings: \$25,163,470 • CapX2020 Fargo: \$17,212,485

The Company plans to provide notice to customers regarding the change in the TCR Adjustment Factors reflected in their monthly electric bill. The following is our updated language to be included as a notice on the customers' bill the month the TCR Adjustment Factors are implemented:

This month's Resource Adjustment includes a decrease in the Transmission Cost Recovery Adjustment (TCR) which recovers the costs of transmission investments, including delivery of renewable energy sources to customers. The TCR portion of the Resource Adjustment is \$0.003131 per kWh for Residential Customers; \$0.003025 per kWh for Commercial (Non-Demand) customers; and \$0.907 per kWh for Demand billed customers. Questions? Contact us at 1-800-895-4999.

We will work with the Department of Commerce and the Commission Staff if there are any suggestions to modify this proposed customer notice.

The Company respectfully requests the Commission approve this updated TCR request. Specifically, we request the Commission:

- Approve the updated 2016 revenue requirement of \$78.4 million for the projects eligible for cost recovery through the TCR Rider;
- Approve the resulting TCR Adjustment Factors by class to be included in the Resource Adjustment on bills for Minnesota electric customers for the 12 months beginning January 1, 2016; and
- Approve our proposed updated TCR tariff sheet and proposed customer notice.

Pursuant to Minn. Stat. § 216.17, subd. 3, we have electronically filed this document, and served copies of the summary on the parties on the attached service list.

If you have any questions regarding this filing please contact me at (612) 330-6064 or bria.e.shea@xcelenergy.com.

Sincerely,

/s/

BRIA SHEA
REGULATORY MANAGER

Enclosures
c: Service List

TCR Rate Rider Update Attachments Table of Contents

Attachment 1.	Project Descriptions
Attachment 3A.	Capital Expenditure Forecast Through 2018, Excluding Internal Labor
Attachment 3B.	Capital Expenditure Forecast Through 2018, Including Internal Labor
Attachment 4.	Annual Tracker Summary
Attachment 5.	2015 Tracker
Attachment 6.	2014 Tracker
Attachment 7.	2016 Tracker
Attachment 8.	2017 Tracker
Attachment 9.	Revenues & TCR Rate Factor Determination
Attachment 12.	Inputs that Differ by Project
Attachment 14.	Annual Revenue Requirement by Project for Capx2020 Brookings and CapX2020 Fargo projects
Attachment 15.	Proposed Tariff Sheet
Attachment A.	Accumulated Deferred Income Tax (ADIT) Adjustment

Transmission Cost Recovery Rider Descriptions of Eligible Projects

Attachment 1 describes the projects proposed to be included in the 2016 TCR Rider.

Transmission and Renewable Projects Previously Approved as Eligible:

In its Order dated April 27, 2010 in Docket No. E002/M-09-1048, the Commission approved TCR Rider cost recovery for the following eligible projects under Minn. Stat. 216B.16, Subd. 7B and 216B.1645:

- CapX2020 Fargo – Twin Cities
- CapX2020 La Crosse

In its Order dated February 7, 2014 in Docket No. E002/M-12-50, the Commission approved TCR Rider cost recovery for the following eligible project under Minn. Stat. 216B.16, Subd. 7B and 216B.1645:

- CapX2020 Brookings – Twins Cities

There have been no substantive changes to these projects' scopes since their approval in the above-noted docket.

Eligibility of New Transmission Statute Projects:

The Company seeks eligibility determination for the following projects located outside of the state of Minnesota:

1. La Crosse – Madison

Project Description and Context

This project is a Multi-Value Project (MVP) approved by MISO in December 2011 and jointly developed with American Transmission Company (ATC). The project will construct a new 345 kV transmission line beginning at Northern States Power Company-Wisconsin's (NSPW) Briggs Road substation in Onalaska, Wisconsin, connecting at ATC's North Madison substation in Madison, Wisconsin, and then terminating at ATC's Cardinal substation in Middleton, Wisconsin. NSPW and ATC will share ownership of the Briggs Road to North Madison section and ATC will own

and have responsibility for the North Madison to Cardinal section. The new 345 kV transmission line will be approximately 182 miles long and is expected to be in-service in 2018, with construction beginning in 2016.

Based on their own independent planning analyses, Xcel Energy and ATC concluded that this project provides substantial net economic, reliability and policy benefits. Overall, MVPs will help expand and enhance the region's transmission system, reduce congestion, provide improved access to affordable energy sources, and meet public policy requirements, including renewable energy mandates. In addition, the project will interconnect with the CapX2020 La Crosse project, which will support the reliability of the regional transmission infrastructure by increasing transfer capability between Minnesota and Wisconsin.

2. Big Stone – Brookings 345 kV Line

Project Description and Context

This project constructs a portion of a 70-mile 345 kV transmission line between Big Stone County and Brookings County in eastern South Dakota. This project will serve multiple regional needs, including load-serving, generation outlet, and the improvement of energy market performance. Otter Tail Power will construct and own a portion of the line; NSP will be a participant in this project and other project participants will be determined. It is anticipated that recovery of costs of this project will be shared among all MISO ratepayers under the MISO Tariff.

We have only included in our petition the portion of costs for which Xcel Energy will be responsible as listed below:

- Add protective equipment for a new transmission line.
- Add line reactors and protective equipment.
- Construct an approximately 45 mile double-circuit capable 345 kV line.

Eligibility of New Renewable Statute Projects:

We are not seeking the determination of eligibility of any new renewable projects at this time.

Efforts to Ensure Lowest Cost to Ratepayers

All three projects currently included in the TCR rider are joint projects between utilities. The La Crosse project and the Big Stone – Brookings projects are part of the CapX2020 Initiative and the La Crosse – Madison project is being constructed in conjunction with another utility. Many of the CapX2020 planning benefits described below are benefits also experienced by coordinating with another utility for the La Crosse – Madison Brookings project. Working with other utilities helps to ensure cost-effective construction and a less piecemeal approach to transmission project planning.

In particular, the CapX2020 group of utilities established a coordinated regional approach to addressing both regional and community reliability needs, and longer-term growth. To ensure cost-effective implementation of the CapX2020 projects, the Company, through its participation in the CapX2020 Initiative, provided for a prudent means of developing the projects. The CapX2020 Initiative was formed to meet the growing transmission needs of all utilities in the region. By coordinating regional planning, the region's utilities are able to develop complete solutions to regional transmission needs instead of disjointed solutions that could lead to duplicative transmission facilities being built. Further, by acting as a group, the CapX2020 Utilities obtain improved efficiency in permitting, routing, scheduling, material purchasing and overall project development. Overall, the Company's participation in the initiative allows us to lessen our costs and achieve greater benefits from the projects due to the strength and size of the organization. For example, by working together, the CapX2020 Utilities have been able to develop a comprehensive set of alternatives for improvement of the transmission system, as opposed to crafting disjointed solutions that would result from individual utility solutions.

In addition, working together within the regulatory environment to jointly file applications for permits in all of the affected jurisdictions allows regulators to more fully understand the scope, benefits and impacts of the projects and not be subjected to numerous separate filings by individual utilities on separate projects that may often times work at cross purposes. The joint approach taken by the Company and the other participating CapX2020 utilities is a prudent way to proceed with developing the projects in order to spread the costs among a broad array of utilities. An investment of approximately \$1.8 billion for all of the projects would be difficult for any one utility to undertake. By collaborating with a number of other regional utilities, the Company is able to successfully spread its risks and balance its costs.

Finally, the Company and the participating utilities recognize that there will be benefits arising from a coordinated effort in securing materials and services required to build the CapX2020 projects. As such, a joint sourcing approach is being utilized to pursue benefits in order to minimize or eliminate inter-project competition for labor and material resources, maximize leverage on vendors and specification standardization, establish a common request for proposal (RFP) process to present one “CapX2020 face” to the market and eliminate inefficiencies, maximize inter-project flexibility where possible for services. For example, utilizing a joint sourcing process across the projects creates a spend volume asset. This volume consolidation and early RFP activity allows manufacturers and suppliers the ability to plan fabrication in advance of the delivery needs. This approach works to avoid the premium costs associated with orders outside of the lead time and typically garners more attractive pricing when the suppliers, manufactures and contractors are able to advance plan their production schedules or field resources.

Capital Expenditures Excluding RWIP and Internal Labor																		
Total: Transmission Statute Projects			6,339,155	242,598,958	330,610,280	269,506,243	121,000,336	109,810,996	97,922,235	49,636,789	1,227,424,991	1,227,424,991	975,228,671	975,228,671				
			AFUDC Pre-															
Project Name	Sub Project	Eligibility Date	Eligible Total	Pre-2013	2013	2014	2015	2016	2017	2018	Total by Subproject	Total by Project	Previous Filing by Subproject	Previous Filing by Project	Variance \$	Variance %		
CAPX2020 - Brookings	Land	Jan-12	-	15,537,002	14,782,619	7,823,206	2,995,632	1,617,698	(757,371)	-	41,998,784	-	47,781,287	-	-	-		
CAPX2020 - Brookings	Line	Jan-12	4,092,148	96,400,184	145,982,235	95,852,309	13,225,493	-	-	-	355,552,370	-	358,775,905	-	-	-		
CAPX2020 - Brookings	Sub	Jan-12	38,858	23,391,121	17,374,920	12,938,117	660,231	-	-	-	54,403,248	451,954,401	55,619,864	462,177,056	(10,222,655)	-2%		
CAPX2020 - Fargo	Land	May-09	-	12,714,544	2,587,935	2,520,753	1,871,727	-	-	-	19,694,959	-	20,585,735	-	-	-		
CAPX2020 - Fargo	Line	May-09	239,382	50,178,371	63,005,026	39,073,761	5,199,240	-	-	-	157,695,780	-	161,518,419	-	-	-		
CAPX2020 - Fargo	Sub	May-09	-	19,400,681	5,937,639	5,282,946	977,339	-	-	-	31,598,605	208,989,344	31,826,543	213,930,697	(4,941,353)	-2%		
CAPX2020 - La Crosse Local	Land	May-09	-	111,647	569,754	7,195,928	2,508,210	1,905,267	-	-	12,290,806	-	11,940,603	-	-	-		
CAPX2020 - La Crosse Local	Line	May-09	-	272,214	6,718,296	2,614,708	44,093,549	18,059,906	-	-	71,758,672	-	58,513,732	-	-	-		
CAPX2020 - La Crosse Local	Sub	May-09	-	28,071	2,996,400	926,892	7,755	-	-	-	3,959,119	88,008,596	3,930,406	74,384,741	13,623,855	18%		
CAPX2020 - La Crosse MISO	Land	May-09	-	2,683,412	1,621,013	518,891	679,247	-	-	-	5,502,562	-	5,718,059	-	-	-		
CAPX2020 - La Crosse MISO	Line	May-09	365,693	11,062,647	28,945,116	18,196,690	(632,510)	-	-	-	57,937,635	-	60,534,871	-	-	-		
CAPX2020 - La Crosse MISO	Sub	May-09	-	1,827,691	10,411,799	1,555,893	151,930	-	-	-	13,947,312	77,387,510	13,963,964	80,216,894	(2,829,384)	-4%		
CAPX2020 - La Crosse MISO - WI	Land	May-09	-	34,011	3,654,762	2,903,628	2,278,379	500,000	-	-	9,370,781	-	6,815,994	-	-	-		
CAPX2020 - La Crosse MISO - WI	Line	May-09	-	6,322,541	10,364,250	61,802,859	34,592,746	1,000,000	-	-	114,082,395	-	114,668,231	-	-	-		
CAPX2020 - La Crosse MISO - WI	Sub	May-09	-	24,426	10,195,714	7,430,603	2,104,229	500,000	-	-	20,254,972	143,708,148	23,035,058	144,519,283	(811,135)	-1%		
Big Stone-Brookings	Land	Jan-16	(0)	2,238,976	(2,240,349)	-	191,104	367,526	-	-	557,257	-	-	-	NEW	NEW		
Big Stone-Brookings	Line	Jan-16	552,917	26,716	2,890,872	(1,030,567)	4,577,271	34,446,343	25,518,704	2,354,124	69,336,381	-	-	-	NEW	NEW		
Big Stone-Brookings	Sub	Jan-16	4,076	1,231	24,278	8,694	4,677	2,679,181	3,492,955	-	6,215,094	76,108,732	-	-	NEW	NEW		
LaCrosse - Madison	Land	Jan-16	-	-	-	-	951,066	6,196,054	8,173,519	2,664,868	17,985,508	-	-	-	NEW	NEW		
LaCrosse - Madison	Line	Jan-16	44,560	-	(264,889)	(147,685)	13,374,636	42,539,021	56,498,977	42,626,208	154,670,828	-	-	-	NEW	NEW		
LaCrosse - Madison	Sub	Jan-16	1,001,522	343,471	5,052,889	4,038,616	(8,811,614)	-	4,995,451	1,991,589	8,611,924	181,268,259	-	-	NEW	NEW		

Capital Expenditures including Internal Labor and Excluding RWIP																	
Total: Transmission Statute Projects			6,339,155	251,724,700	351,903,746	292,061,721	128,648,903	116,150,750	104,005,800	52,712,589	-	1,303,547,364	1,303,547,364	1,043,234,768	1,043,234,770		
Project Name	Sub Project	Eligibility Date	AFUDC Pre-Eligible Total	Pre-2013	2013	2014	2015	2016	2017	2018	2019	Total by Subproject	Total by Project	Previous Filing by Subproject	Previous Filing by Project	Variance \$s	Variance %
CAPX2020 - Brookings	Land	Jan-12	-	15,551,496	14,791,365	7,827,934	3,185,525	1,684,400	(788,600)	-	-	42,252,120	-	48,220,261	-	(5,968,141)	-12%
CAPX2020 - Brookings	Line	Jan-12	4,092,148	97,466,248	148,508,848	98,775,843	13,495,251	-	-	-	-	362,338,338	-	365,963,286	-	(3,624,948)	-1%
CAPX2020 - Brookings	Sub	Jan-12	38,858	26,155,556	24,636,862	20,667,593	1,028,543	-	-	-	-	72,527,413	477,117,871	72,008,325	486,191,873	519,088	1%
CAPX2020 - Fargo	Land	May-09	-	12,746,679	2,618,390	2,533,126	1,980,471	-	-	-	-	19,878,666	-	21,122,550	-	(1,243,884)	-6%
CAPX2020 - Fargo	Line	May-09	239,382	54,302,901	67,511,863	42,381,423	5,739,273	-	-	-	-	170,174,842	-	175,732,456	-	(5,557,614)	-3%
CAPX2020 - Fargo	Sub	May-09	-	19,632,346	7,689,870	7,589,264	1,236,840	-	-	-	-	36,148,321	226,201,829	35,861,179	232,716,184	287,142	1%
CAPX2020 - La Crosse Local	Land	May-09	-	112,600	575,716	7,197,844	2,661,538	1,994,000	-	-	-	12,541,698	-	12,748,914	-	(207,216)	-2%
CAPX2020 - La Crosse Local	Line	May-09	-	277,126	6,718,296	2,614,708	45,942,677	18,901,000	-	-	-	74,453,806	-	63,790,937	-	10,662,869	17%
CAPX2020 - La Crosse Local	Sub	May-09	-	33,652	2,996,400	926,892	9,339	-	-	-	-	3,966,284	90,961,787	3,937,697	80,477,549	28,587	1%
CAPX2020 - La Crosse MISO	Land	May-09	-	2,700,489	1,643,650	526,385	704,056	-	-	-	-	5,574,580	-	5,823,939	-	(249,359)	-4%
CAPX2020 - La Crosse MISO	Line	May-09	365,693	11,425,311	30,070,859	19,069,904	(493,566)	-	-	-	-	60,438,201	-	63,177,127	-	(2,738,926)	-4%
CAPX2020 - La Crosse MISO	Sub	May-09	-	1,891,576	12,381,814	2,441,126	174,305	-	-	-	-	16,888,821	82,901,602	16,907,053	85,908,119	(18,232)	0%
CAPX2020 - La Crosse MISO - WI	Land	May-09	-	40,253	3,699,272	2,945,910	2,288,426	500,000	-	-	-	9,473,860	-	7,092,251	-	2,381,609	34%
CAPX2020 - La Crosse MISO - WI	Line	May-09	-	6,528,746	10,535,635	63,682,355	37,099,280	1,000,000	-	-	-	118,846,016	-	123,570,552	-	(4,724,536)	-4%
CAPX2020 - La Crosse MISO - WI	Sub	May-09	-	51,716	11,741,555	9,654,076	2,592,787	500,000	-	-	-	24,540,135	152,860,011	27,278,241	157,941,045	(2,738,106)	-10%
Big Stone-Brookings	Land	Jan-16	(0)	2,239,046	(2,239,046)	-	205,232	390,300	-	-	-	595,532	-	-	-	595,532	N/A
Big Stone-Brookings	Line	Jan-16	552,917	223,994	2,941,649	(841,354)	5,012,836	36,580,850	27,100,000	2,500,000	-	74,070,892	-	-	-	74,070,892	N/A
Big Stone-Brookings	Sub	Jan-16	4,076	1,495	27,857	30,076	7,654	2,845,200	3,709,400	-	-	6,625,758	81,292,182	-	-	6,625,758	N/A
LaCrosse - Madison	Land	Jan-16	-	-	-	-	1,010,000	6,580,000	8,680,000	2,830,000	-	19,100,000	-	-	-	19,100,000	N/A
LaCrosse - Madison	Line	Jan-16	44,560	-	-	-	14,203,411	45,175,000	60,000,000	45,267,589	-	164,690,560	-	-	-	164,690,560	N/A
LaCrosse - Madison	Sub	Jan-16	1,001,522	343,471	5,052,889	4,038,616	(9,434,976)	-	5,305,000	2,115,000	-	8,421,523	192,212,082	-	-	8,421,523	N/A

Annual Tracker Summary				
	2014	2015	2016	2017
	Actual (1)	Forecast	Forecast	Forecast
Legacy Projects	-	-	-	-
CAPX2020 - Brookings	32,343,281	39,786,047	40,475,384	39,461,230
CAPX2020 - Fargo	15,165,454	17,948,587	18,611,685	18,140,394
CAPX2020 - La Crosse Local	1,016,247	2,638,065	5,827,371	7,063,438
CAPX2020 - La Crosse MISO	5,742,482	6,499,996	6,971,744	6,790,614
CAPX2020 - La Crosse MISO - WI	4,573,701	10,319,386	13,522,327	13,189,718
Big Stone-Brookings	-	-	1,921,637	5,196,753
LaCrosse - Madison	-	-	2,717,735	8,101,228
RECB - 26 & 26(a)	(28,841,888)	(22,865,128)	(19,875,653)	(9,146,286)
Transmission Projects	29,999,279	54,326,954	70,172,230	88,797,089
ADIT Pro-rate			150,830	134,628
TCR True-up Carryover	(1,379,070)	5,201,080	8,087,398	154,062
Revenue Requirement (RR)	28,620,209	59,528,034	78,410,459	89,085,779
Revenue Collections (RC)	23,419,128	51,440,636	78,256,397	89,085,779
Balance	5,201,080	8,087,398	154,062	-

Footnote (1)

Attachment 6 of the Company's June 30, 2015 Compliance filing in Docket No. E002/M-14-852 improperly labeled header information for September through December as "actual" in lieu of "mixed". The schedule above is properly labeled and reflects the Company's 2014 actual capital costs and revenue collections for all of 2014.

2015 Tracker													
Carryover	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Annual Total
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Mixed	Mixed	Forecast	Forecast	Forecast	Forecast
Legacy Projects	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPX2020 - Brookings	3,250,657	3,314,463	3,363,289	3,362,935	3,357,152	3,345,679	3,316,219	3,302,806	3,309,710	3,300,568	3,284,810	3,277,758	39,786,047
CAPX2020 - Fargo	1,457,220	1,463,957	1,468,758	1,517,450	1,559,537	1,540,062	1,518,503	1,506,368	1,498,587	1,487,099	1,473,007	1,458,039	17,948,587
CAPX2020 - La Crosse Local	130,271	134,330	140,973	148,351	161,813	182,060	204,710	235,010	271,944	310,468	345,417	372,718	2,638,065
CAPX2020 - La Crosse MISO	547,891	548,083	547,391	545,972	543,665	542,679	542,006	549,487	551,123	539,350	527,318	515,030	6,499,996
CAPX2020 - La Crosse MISO - WI	723,389	752,138	782,589	813,168	847,608	878,120	894,056	905,816	940,028	954,458	927,828	900,188	10,319,386
Big Stone-Brookings	-	-	-	-	-	-	-	-	-	-	-	-	-
LaCrosse - Madison	-	-	-	-	-	-	-	-	-	-	-	-	-
RECB - 26 & 26(a)	(2,380,672)	(2,195,165)	(1,566,047)	(2,041,213)	(1,507,987)	(1,430,329)	(1,549,594)	(1,590,408)	(2,022,693)	(2,327,603)	(2,074,231)	(2,179,185)	(22,865,128)
Transmission Projects	3,728,755	4,017,807	4,736,954	4,346,663	4,961,788	5,058,271	4,925,900	4,909,078	4,548,700	4,264,340	4,484,149	4,344,548	54,326,954
TCR True-up Carryover 5,201,080	433,423.36	433,423	433,423	433,423	433,423	433,423	433,423	433,423	433,423	433,423	433,423	433,423	5,201,080
Revenue Requirement	4,162,178	4,451,230	5,170,377	4,780,087	5,395,211	5,491,695	5,359,323	5,342,502	4,982,123	4,697,764	4,917,573	4,777,972	59,528,034
Revenue Collections	2,416,738	2,089,428	2,378,733	2,134,316	2,016,140	2,361,600	4,809,524	7,590,058	6,499,026	6,307,120	6,205,119	6,632,834	51,440,636
Balance	1,745,440	4,107,242	6,898,887	9,544,658	12,923,728	16,053,823	16,603,622	14,356,066	12,839,164	11,229,808	9,942,261	8,087,398	

2014 Tracker													
Carryover	Jan-14 Actual	Feb-14 Actual	Mar-14 Actual	Apr-14 Actual	May-14 Actual	Jun-14 Actual	Jul-14 Actual	Aug-14 Actual	Sep-14 Actual	Oct-14 Actual	Nov-14 Actual	Dec-14 Actual	Annual Total Actual (t)
Legacy Projects	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPX2020 - Brookings	2,265,146	2,355,483	2,465,669	2,635,109	2,762,727	2,800,580	2,837,052	2,856,303	2,859,998	2,850,006	2,832,207	2,823,001	32,343,281
CAPX2020 - Fargo	1,107,895	1,142,293	1,167,900	1,215,054	1,256,090	1,272,608	1,285,204	1,303,146	1,331,792	1,354,164	1,360,883	1,368,426	15,165,454
CAPX2020 - La Crosse Local	61,830	65,211	70,951	75,842	80,078	84,209	86,832	90,972	94,107	97,054	100,441	108,720	1,016,247
CAPX2020 - La Crosse MISO	409,751	431,962	437,994	447,577	466,787	480,604	490,001	505,574	515,732	518,400	518,518	519,583	5,742,482
CAPX2020 - La Crosse MISO - WI	215,622	220,942	240,185	258,886	272,030	302,767	352,474	414,232	476,511	538,003	606,240	675,813	4,573,701
Big Stone-Brookings	-	-	-	-	-	-	-	-	-	-	-	-	-
LaCrosse - Madison	-	-	-	-	-	-	-	-	-	-	-	-	-
RECB - 26 & 26(a)	(2,589,634)	(2,371,266)	(2,502,575)	(2,175,024)	(1,585,639)	(2,741,577)	(2,282,843)	(2,512,823)	(2,369,590)	(2,397,993)	(3,207,416)	(2,105,509)	(28,841,888)
Transmission Projects	1,470,608	1,844,626	1,880,124	2,457,443	3,252,072	2,199,191	2,768,720	2,657,404	2,908,551	2,959,634	2,210,872	3,390,034	29,999,279
TCR True-up Carryover (1,379,070)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(114,923)	(1,379,070)
Revenue Requirement	1,355,686	1,729,703	1,765,202	2,342,521	3,137,150	2,084,268	2,653,797	2,542,482	2,793,629	2,844,711	2,095,950	3,275,111	28,620,209
Revenue Collections	1,987,798	1,691,006	1,800,064	1,646,494	1,593,376	1,838,585	2,004,954	1,981,557	2,188,178	2,325,884	1,964,891	2,396,341	23,419,128
Balance	(632,112)	(593,415)	(628,278)	67,749	1,611,522	1,857,205	2,506,048	3,066,973	3,672,424	4,191,251	4,322,310	5,201,080	

2016 Tracker													
Carryover	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Annual Total
	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
Legacy Projects	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPX2020 - Brookings	3,406,975	3,401,155	3,395,288	3,389,470	3,383,699	3,377,906	3,371,481	3,364,417	3,357,324	3,350,046	3,342,564	3,335,059	40,475,384
CAPX2020 - Fargo	1,569,761	1,566,345	1,562,929	1,559,514	1,556,098	1,552,682	1,549,266	1,545,850	1,542,434	1,539,018	1,535,602	1,532,186	18,611,685
CAPX2020 - La Crosse Local	404,118	423,916	440,068	455,571	468,526	478,524	487,521	493,591	523,958	554,399	550,905	546,275	5,827,371
CAPX2020 - La Crosse MISO	588,218	586,902	585,586	584,269	582,953	581,637	580,321	579,004	577,688	576,372	575,055	573,739	6,971,744
CAPX2020 - La Crosse MISO - WI	1,131,816	1,131,145	1,133,059	1,134,352	1,132,826	1,130,948	1,128,365	1,125,681	1,122,862	1,119,977	1,117,091	1,114,206	13,522,327
Big Stone-Brookings	53,794	64,089	77,144	93,572	113,516	136,155	161,588	189,751	219,008	246,335	271,947	294,737	1,921,637
LaCrosse - Madison	111,519	118,865	127,797	139,266	156,315	184,459	218,556	252,987	290,365	331,246	372,116	414,242	2,717,735
ADIT Pro-Rate	225	883	1,976	3,513	5,485	7,881	10,695	13,927	17,924	23,133	29,262	35,927	150,830
RECB - 26 & 26(a)	(1,659,092)	(1,491,571)	(1,992,324)	(1,751,207)	(1,115,224)	(930,925)	(1,608,964)	(1,871,197)	(1,576,258)	(1,965,222)	(2,263,972)	(1,649,696)	(19,875,653)
Transmission Projects	5,607,335	5,801,728	5,331,523	5,608,320	6,284,194	6,519,267	5,898,828	5,694,011	6,075,304	5,775,304	5,530,571	6,196,674	70,323,061
Revenue Requirement in Base Rates	-	-	-	-	-	-	-	-	-	-	-	-	-
TCR True-up Carryover 8,087,398	673,950	673,950	673,950	673,950	673,950	673,950	673,950	673,950	673,950	673,950	673,950	673,950	8,087,398
Revenue Requirement	6,281,284	6,475,678	6,005,473	6,282,270	6,958,144	7,193,217	6,572,778	6,367,961	6,749,254	6,449,254	6,204,521	6,870,624	78,410,459
Revenue Collections	6,762,966	6,249,985	6,369,834	5,763,258	5,972,720	6,736,102	7,672,945	7,392,094	6,430,679	6,236,317	6,129,818	6,539,679	78,256,397
Balance	(481,681)	(255,988)	(620,349)	(101,337)	884,087	1,341,202	241,036	(783,097)	(464,522)	(251,585)	(176,882)	154,062	

[illegible]

Revenues		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast
Monthly Inputs													
Revenue Requirement n/incl true-up		3,728,755	4,017,807	4,736,954	4,346,663	4,961,788	5,058,271	4,925,900	4,909,078	4,548,700	4,264,340	4,484,149	4,344,548
Remaining true-up in current calendar year		5,201,080	4,767,657	4,334,234	3,900,810	3,467,387	3,033,964	2,600,540	2,167,117	1,733,693	1,300,270	866,847	433,423
Revenue Carried-forward balance		1,745,440	4,107,242	6,898,887	9,544,658	12,923,728	16,053,823	16,603,622	14,356,066	12,839,164	11,229,808	9,942,261	8,087,398
Sales by Customer Group (Billed by total Usage)													
Residential										662,348,080	618,551,595	657,865,543	781,872,734
Commercial Non-Demand										72,905,826	68,181,270	68,801,060	77,413,268
Demand										1,818,354,106	1,759,250,637	1,664,618,333	1,700,434,067
Street Lighting										13,078,498	14,786,939	16,578,901	18,932,535
Total kWh Sales in Month								0	0	2,566,686,510	2,460,770,441	2,407,863,837	2,578,652,604
Flags								X					
Rate Change													
Rate Periods		1	1	1	1	1	1	2	2	2	2	2	2
Rate Period Calculations													
Revenue Requirement for Rate Period													
Remaining true-up in current calendar year													
Revenue Carried-forward balance													
Revenue Needs During Remaining Rate Period													
Total kWh Sales in Rate Period													
RR/kWh Sales		\$	\$	\$	\$	\$	\$	\$	\$				
Weighting													
Transmission Demand Allocator													
Residential										35%	35%	35%	35%
Commercial Non-Demand										4%	4%	4%	4%
Demand										61%	61%	61%	61%
Street Lighting										0%	0%	0%	0%
Total										100%	100%	100%	100%
Sales Allocator													
Residential										28%	28%	28%	28%
Commercial Non-Demand										3%	3%	3%	3%
Demand										68%	68%	68%	68%
Street Lighting										1%	1%	1%	1%
Total										100%	100%	100%	100%
Group Weighting (ratio of "% of total demand"/"% of total sales")													
Residential										1.2249	1.2249	1.2249	1.2249
Commercial Non-Demand										1.1834	1.1834	1.1834	1.1834
Demand										0.9055	0.9055	0.9055	0.9055
Street Lighting										0.0000	0.0000	0.0000	0.0000
Sales - Demand Group													
Annual kWh Sales										0.004607	0.004607	0.004607	0.004607
Group Weighting Demand										0.9055	0.9055	0.9055	0.9055
C&I Demand cost/kWh										0.004172	0.004172	0.004172	0.004172
Applicable Months: C&I Demand in kWh Sales										6,942,657,144	6,942,657,144	6,942,657,144	6,942,657,144
Monthly Demand: C&I kW Demand										4,560,295	4,520,934	4,265,829	4,265,787
Applicable Months: C&I kW Demand										17,612,845	17,612,845	17,612,845	17,612,845
Conversion Factor: kWh to Kw										394	394	394	394
Weighted Cost /unit													
Residential kWh										0.003236	0.003236	0.003236	0.003236
Commercial Non-Demand kWh										0.003073	0.003073	0.003073	0.003073
Demand kW										0.906000	0.906000	0.906000	0.906000
Street Lighting kWh										0.000000	0.000000	0.000000	0.000000
Revenues													
Residential								0	0	2,143,358	2,001,633	2,128,853	2,530,140
Commercial Non-Demand								0	0	224,040	209,521	211,426	237,891
Demand								0	0	4,131,628	4,095,966	3,864,841	3,864,803
Street Lighting								0	0	0	0	0	0
Monthly Forecast Totals								0	0	6,499,026	6,307,120	6,205,119	6,632,834
Actual Revenues		2,416,738	2,089,428	2,378,733	2,134,316	2,016,140	2,361,600	4,809,524	7,590,058				
Combined Actual & Forecast		2,416,738	2,089,428	2,378,733	2,134,316	2,016,140	2,361,600	4,809,524	7,590,058	6,499,026	6,307,120	6,205,119	6,632,834
Annual Total													51,440,636

Revenues													
		Jan-16 Forecast	Feb-16 Forecast	Mar-16 Forecast	Apr-16 Forecast	May-16 Forecast	Jun-16 Forecast	Jul-16 Forecast	Aug-16 Forecast	Sep-16 Forecast	Oct-16 Forecast	Nov-16 Forecast	Dec-16 Forecast
Monthly Inputs													
Revenue Requirement n/incl true-up		5,607,335	5,801,728	5,331,523	5,608,320	6,284,194	6,519,267	5,898,828	5,694,011	6,075,304	5,775,304	5,530,571	6,196,674
Remaining true-up in current calendar year		8,087,398	7,413,448	6,739,499	6,065,549	5,391,599	4,717,649	4,043,699	3,369,749	2,695,799	2,021,850	1,347,900	673,950
Revenue Carried-forward balance		-481,681	-255,988	-620,349	-101,337	884,087	1,341,202	241,036	-783,097	-464,522	-251,585	-176,882	154,062
Sales by Customer Group (Billed by total Usage)													
Residential		807,636,762	701,074,012	678,893,755	561,682,716	583,958,976	753,243,534	936,045,985	837,172,224	658,977,000	613,017,713	651,864,163	775,027,427
Commercial Non-Demand		87,923,255	80,910,206	86,261,320	76,007,505	75,593,279	75,211,743	79,325,235	81,938,338	72,706,285	68,549,565	69,063,422	77,480,096
Demand		1,729,144,295	1,597,818,414	1,729,638,405	1,609,649,718	1,686,321,060	1,782,521,220	1,944,074,409	1,970,932,744	1,821,601,708	1,770,447,846	1,669,243,817	1,702,171,772
Street Lighting		19,917,994	16,030,652	17,079,809	13,821,384	12,290,214	11,646,443	11,426,006	11,386,564	13,122,083	15,102,478	16,848,195	18,949,539
Total kWh Sales in Month		2,644,622,306	2,395,833,284	2,511,873,289	2,261,161,322	2,358,163,529	2,622,622,940	2,970,871,635	2,901,429,870	2,566,407,076	2,467,117,601	2,407,019,599	2,573,628,834
Flags													
Rate Change		X											
Rate Periods		3	3	3	3	3	3	3	3	3	3	3	3
Rate Period Calculations													
Revenue Requirement for Rate Period		70,323,061											
Remaining true-up in current calendar year		8,087,398											
Revenue Carried-forward balance													
Revenue Needs During Remaining Rate Period		78,410,459											
Total kWh Sales in Rate Period		30,680,751,285											
RR/kWh Sales		\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556	\$ 0.002556
Weighting													
Transmission Demand Allocator													
Residential		35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
Commercial Non-Demand		4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Demand		61%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%
Street Lighting		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Sales Allocator													
Residential		28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%
Commercial Non-Demand		3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Demand		68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
Street Lighting		1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Group Weighting (ratio of "% of total demand"/"% of total sales")													
Residential		1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249
Commercial Non-Demand		1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834
Demand		0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055
Street Lighting		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sales - Demand Group													
Annual kWh Sales		0.002556	0.002556	0.002556	0.002556	0.002556	0.002556	0.002556	0.002556	0.002556	0.002556	0.002556	0.002556
Group Weighting Demand		0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055
C&I Demand cost/kWh		0.002314	0.002314	0.002314	0.002314	0.002314	0.002314	0.002314	0.002314	0.002314	0.002314	0.002314	0.002314
Applicable Months: C&I Demand in kWh Sales		21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407	21,013,565,407
Monthly Demand: C&I kW Demand		4,375,179	4,200,848	4,391,705	4,161,749	4,317,171	4,575,723	4,963,865	4,986,818	4,572,751	4,530,977	4,277,745	4,276,396
Applicable Months: C&I kW Demand		53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930
Conversion Factor: kWh to Kw		392	392	392	392	392	392	392	392	392	392	392	392
Weighted Cost /unit													
Residential kWh		0.003131	0.003131	0.003131	0.003131	0.003131	0.003131	0.003131	0.003131	0.003131	0.003131	0.003131	0.003131
Commercial Non-Demand kWh		0.003025	0.003025	0.003025	0.003025	0.003025	0.003025	0.003025	0.003025	0.003025	0.003025	0.003025	0.003025
Demand kW		0.907000	0.907000	0.907000	0.907000	0.907000	0.907000	0.907000	0.907000	0.907000	0.907000	0.907000	0.907000
Street Lighting kWh		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Revenues													
Residential		2,528,711	2,195,063	2,125,616	1,758,629	1,828,376	2,358,406	2,930,760	2,621,186	2,063,257	1,919,358	2,040,987	2,426,611
Commercial Non-Demand		265,968	244,753	260,940	229,923	228,670	227,516	239,959	247,863	219,937	207,362	208,917	234,377
Demand		3,968,287	3,810,169	3,983,277	3,774,707	3,915,674	4,150,181	4,502,226	4,523,044	4,147,866	4,109,596	3,879,915	3,878,691
Street Lighting		0	0	0	0	0	0	0	0	0	0	0	0
Monthly Forecast Totals		6,762,966	6,249,985	6,369,834	5,763,258	5,972,720	6,736,102	7,672,945	7,392,094	6,430,679	6,236,317	6,129,818	6,539,679
Actual Revenues													
Combined Actual & Forecast		6,762,966	6,249,985	6,369,834	5,763,258	5,972,720	6,736,102	7,672,945	7,392,094	6,430,679	6,236,317	6,129,818	6,539,679
Annual Total													78,256,39

Revenues		Jan-17 Forecast	Feb-17 Forecast	Mar-17 Forecast	Apr-17 Forecast	May-17 Forecast	Jun-17 Forecast	Jul-17 Forecast	Aug-17 Forecast	Sep-17 Forecast	Oct-17 Forecast	Nov-17 Forecast	Dec-17 Forecast
Monthly Inputs													
Revenue Requirement n/incl true-up		7,244,332	7,339,881	6,911,789	7,080,685	7,850,474	8,140,347	7,703,357	7,406,968	7,555,625	7,171,793	6,935,439	7,591,028
Remaining true-up in current calendar year		154,062	141,224	128,385	115,547	102,708	89,870	77,031	64,193	51,354	38,516	25,677	12,839
Revenue Carried-forward balance		0	0	0	0	0	0	0	0	0	0	0	0
Sales by Customer Group (Billed by total Usage)													
Residential		798,882,404	677,188,596	670,812,682	553,959,446	578,439,563	747,863,472	931,099,733	832,791,676	654,621,768	609,876,473	648,405,558	771,462,411
Commercial Non-Demand		88,417,735	78,806,683	86,791,029	77,339,507	76,919,650	75,699,895	79,859,231	82,366,211	72,958,611	69,237,105	69,611,207	77,924,735
Demand		1,749,682,947	1,564,460,595	1,734,589,114	1,625,415,189	1,703,041,185	1,788,725,995	1,951,554,122	1,976,730,945	1,825,229,266	1,781,157,082	1,682,503,784	1,713,352,604
Street Lighting		19,985,435	16,491,381	16,657,458	13,967,378	12,533,750	11,732,068	11,555,885	11,513,805	13,199,336	15,269,966	17,002,570	19,027,367
Total kWh Sales in Month		2,656,968,522	2,336,947,256	2,508,850,283	2,270,681,520	2,370,934,147	2,624,021,431	2,974,068,972	2,903,402,637	2,566,008,980	2,475,540,627	2,417,523,118	2,581,767,118
Flags													
Rate Change		X											
Rate Periods		4	4	4	4	4	4	4	4	4	4	4	4
Rate Period Calculations													
Revenue Requirement for Rate Period		88,931,717											
Remaining true-up in current calendar year		154,062											
Revenue Carried-forward balance													
Revenue Needs During Remaining Rate Period		89,085,779											
Total kWh Sales in Rate Period		30,686,714,611											
RR/kWh Sales		\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903	\$ 0.002903
Weighting													
Transmission Demand Allocator													
Residential		35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
Commercial Non-Demand		4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Demand		61%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%
Street Lighting		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Sales Allocator													
Residential		28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%	28%
Commercial Non-Demand		3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Demand		68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
Street Lighting		1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Total		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Group Weighting (ratio of "% of total demand"/"% of total sales")													
Residential		1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249	1.2249
Commercial Non-Demand		1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834	1.1834
Demand		0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055
Street Lighting		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Sales - Demand Group													
Annual kWh Sales		0.002903	0.002903	0.002903	0.002903	0.002903	0.002903	0.002903	0.002903	0.002903	0.002903	0.002903	0.002903
Group Weighting Demand		0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055	0.9055
C&I Demand cost/kWh		0.002629	0.002629	0.002629	0.002629	0.002629	0.002629	0.002629	0.002629	0.002629	0.002629	0.002629	0.002629
Applicable Months: C&I Demand in kWh Sales		21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828	21,096,442,828
Monthly Demand: C&I kW Demand		4,375,179	4,200,848	4,391,705	4,161,749	4,317,171	4,575,723	4,963,865	4,986,818	4,572,751	4,530,977	4,277,745	4,276,396
Applicable Months: C&I kW Demand		53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930	53,630,930
Conversion Factor: kWh to Kw		393	393	393	393	393	393	393	393	393	393	393	393
Weighted Cost /unit													
Residential kWh		0.003556	0.003556	0.003556	0.003556	0.003556	0.003556	0.003556	0.003556	0.003556	0.003556	0.003556	0.003556
Commercial Non-Demand kWh		0.003435	0.003435	0.003435	0.003435	0.003435	0.003435	0.003435	0.003435	0.003435	0.003435	0.003435	0.003435
Demand kW		1.034000	1.034000	1.034000	1.034000	1.034000	1.034000	1.034000	1.034000	1.034000	1.034000	1.034000	1.034000
Street Lighting kWh		0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Revenues													
Residential		2,840,826	2,408,083	2,385,410	1,969,880	2,056,931	2,659,403	3,310,991	2,961,407	2,327,835	2,168,721	2,305,730	2,743,320
Commercial Non-Demand		303,715	270,701	298,127	265,661	264,219	260,029	274,316	282,928	250,613	237,829	239,114	267,671
Demand		4,523,935	4,343,677	4,541,023	4,303,249	4,463,955	4,731,298	5,132,637	5,156,370	4,728,225	4,685,031	4,423,189	4,421,793
Street Lighting		0	0	0	0	0	0	0	0	0	0	0	0
Monthly Forecast Totals		7,668,475	7,022,460	7,224,561	6,538,790	6,785,105	7,650,729	8,717,944	8,400,705	7,306,673	7,091,581	6,968,033	7,432,785
Actual Revenues													
Combined Actual & Forecast		7,668,475	7,022,460	7,224,561	6,538,790	6,785,105	7,650,729	8,717,944	8,400,705	7,306,673	7,091,581	6,968,033	7,432,785
Annual Total													88,807,842

Inputs that Differ by Project									
								Internal Labor Removal	
							Start Excluding Internal Labor On	Remove?	Cost Recovery Cap
Projects to Include	Eligibility Date	Date Project Becomes Included in Base Rates	Include CWIP?	AFUDC Credit current period expense	OATT Credit			CWIP %	Dec-16
CAPX2020 - Brookings	Jan-12	TBD	Yes	Yes	0%	Jan-12	Yes	3.96%	100.00%
CAPX2020 - Fargo	May-09	TBD	Yes	Yes	0%	Jan-12	Yes	8.59%	100.00%
CAPX2020 - La Crosse Local	May-09	TBD	Yes	Yes	100%	Jan-12	Yes	4.45%	100.00%
CAPX2020 - La Crosse MISO	May-09	TBD	Yes	Yes	0%	Jan-12	Yes	5.76%	100.00%
CAPX2020 - La Crosse MISO - WI	May-09	TBD	Yes	Yes	0%	Jan-12	Yes	0.00%	100.00%
Big Stone-Brookings	Jan-16	TBD	Yes	Yes	0%	Jan-12	Yes	5.84%	100.00%
LaCrosse - Madison	Jan-16	TBD	Yes	Yes	0%	Jan-12	Yes	5.84%	100.00%

CAPX2020 - Brookings Land, Line & Sub	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
Rate Base													
CWIP	290,509,263	307,523,940	303,495,245	100,916,460	107,288,137	101,793,021	103,822,630	104,815,322	111,165,881	111,505,693	110,395,775	100,697,919	100,697,919
Plant In-Service	39,471,716	36,612,430	56,890,303	269,072,442	273,604,612	290,286,535	298,855,669	305,922,095	306,791,484	310,975,927	317,248,676	333,514,800	333,514,800
Less Accumulated Book Depreciation Reserve	141,153	157,109	189,528	424,115	848,372	1,290,897	1,755,330	2,233,148	2,717,512	3,206,175	3,698,530	4,201,683	4,201,683
Less Accumulated Deferred Taxes	(2,190,722)	(2,247,270)	(2,047,299)	1,384,059	7,620,675	14,120,263	20,937,911	27,975,629	35,109,975	42,309,499	49,570,108	57,044,199	57,044,199
End Of Month Rate Base	332,030,547	346,226,531	362,243,319	368,180,728	372,423,702	376,668,396	379,985,058	380,528,640	380,129,878	376,965,947	374,375,813	372,966,837	372,966,837
Return on Rate Base													
Debt Return	608,205	633,040	661,239	681,729	691,231	699,153	706,210	709,813	709,948	706,623	701,252	697,520	8,205,962
Equity Return	1,394,753	1,441,296	1,505,498	1,552,151	1,573,784	1,591,821	1,607,889	1,616,092	1,616,399	1,606,829	1,596,601	1,588,103	18,693,216
Total Return on Rate Base	1,992,958	2,074,336	2,166,737	2,233,880	2,265,015	2,290,973	2,314,098	2,325,904	2,326,347	2,315,451	2,297,854	2,285,623	26,899,178
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	59,915	59,915	59,915	59,915	59,915	59,915	59,915	59,915	59,915	59,915	59,915	59,915	718,982
Book Depreciation	15,941	15,955	32,419	234,587	424,256	442,526	464,432	477,818	484,364	488,663	492,355	503,153	4,076,471
Deferred Taxes	(46,696)	(56,548)	199,970	3,431,358	6,236,617	6,499,588	6,817,648	7,037,718	7,134,346	7,199,524	7,260,610	7,474,091	59,188,235
Gross Up for Income Tax	1,024,885	1,074,874	857,710	(2,415,062)	(5,269,457)	(5,525,737)	(5,839,768)	(6,059,133)	(6,157,780)	(6,229,801)	(6,300,925)	(6,525,357)	(47,365,551)
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	1,054,055	1,094,196	1,150,015	1,310,798	1,451,331	1,476,292	1,502,228	1,516,318	1,520,846	1,518,301	1,511,955	1,511,803	16,618,137
Revenue Requirement													
Total	3,047,013	3,168,533	3,316,752	3,544,679	3,716,346	3,767,265	3,816,326	3,842,222	3,847,193	3,833,752	3,809,808	3,797,426	43,507,315
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	2,265,146	2,355,483	2,465,669	2,635,109	2,762,727	2,800,580	2,837,052	2,856,303	2,859,998	2,850,006	2,832,207	2,823,001	32,343,281
Rider Eligible Revenue Requirement: Annual Totals	-	-	-	-	-	-	-	-	-	-	-	32,343,281	32,343,281

CAPX2020 - Brookings	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Land, Line & Sub													
Rate Base													
CWIP	102,688,319	45,067,269	3,291,451	966,525	1,184,022	951,577	20,647,230	1,035,134	963,099	1,197,577	923,884	74,590	74,590
Plant In-Service	338,298,795	400,914,751	437,939,892	441,890,845	443,178,958	443,527,757	423,263,253	444,373,181	446,420,183	446,684,536	447,183,443	451,019,485	451,019,485
Less Accumulated Book Depreciation Reserve	4,717,996	5,289,346	5,953,321	6,657,403	7,363,536	8,070,967	8,763,293	9,457,233	10,169,950	10,883,463	11,596,764	12,310,289	12,310,289
Less Accumulated Deferred Taxes	58,291,335	59,765,625	61,558,837	63,488,211	65,421,494	67,358,471	69,242,622	71,143,040	73,099,958	75,059,273	77,017,951	78,977,307	78,977,307
End Of Month Rate Base	377,977,783	380,927,048	373,719,185	372,711,755	371,577,949	369,049,896	365,904,568	364,808,041	364,113,374	361,939,377	359,492,611	359,806,478	359,806,478
Return on Rate Base													
Debt Return	710,268	717,797	713,770	705,999	703,974	700,511	695,144	691,132	689,438	686,725	682,354	680,337	8,377,451
Equity Return	1,595,757	1,612,673	1,603,623	1,586,166	1,581,616	1,573,834	1,561,778	1,552,764	1,548,958	1,542,862	1,533,043	1,528,511	18,821,585
Total Return on Rate Base	2,306,026	2,330,470	2,317,393	2,292,165	2,285,590	2,274,345	2,256,923	2,243,897	2,238,396	2,229,587	2,215,397	2,208,848	27,199,036
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	476,395	476,395	476,395	476,395	476,395	476,395	476,395	476,395	476,395	476,395	476,395	476,395	5,716,736
Book Depreciation	516,312	571,351	663,975	704,082	706,133	707,430	692,326	693,940	712,716	713,513	713,301	713,525	8,108,606
Deferred Taxes	1,247,136	1,474,290	1,793,212	1,929,375	1,933,282	1,936,977	1,884,151	1,900,418	1,956,918	1,959,316	1,958,678	1,959,356	21,933,108
Gross Up for Income Tax	(148,658)	(368,363)	(701,404)	(852,926)	(860,131)	(869,398)	(823,897)	(846,896)	(907,331)	(914,084)	(920,361)	(924,252)	(9,138,320)
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	2,091,185	2,153,052	2,232,178	2,256,926	2,255,679	2,251,404	2,228,975	2,223,857	2,238,697	2,235,140	2,228,014	2,225,024	26,620,130
Revenue Requirement													
Total	4,397,211	4,483,522	4,549,570	4,549,091	4,541,269	4,525,749	4,485,897	4,467,754	4,477,093	4,464,727	4,443,411	4,433,871	53,819,165
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	3,250,657	3,314,463	3,363,289	3,362,935	3,357,152	3,345,679	3,316,219	3,302,806	3,309,710	3,300,568	3,284,810	3,277,758	39,786,047
Rider Eligible Revenue Requirement: Annual Totals	-	-	-	-	-	-	-	-	-	-	-	39,786,047	39,786,047

CAPX2020 - Brookings Land, Line & Sub	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total
Rate Base													
CWIP	175,282	146,166	85,073	(179,262)	690,254	341,975	216,137	209,398	206,251	189,731	188,491	188,263	188,263
Plant In-Service	451,168,496	451,433,680	451,730,838	452,245,550	451,626,410	452,218,247	452,406,222	452,466,455	452,523,019	452,537,888	452,532,117	452,523,510	452,523,510
Less Accumulated Book Depreciation Reserve	13,024,037	13,737,784	14,451,532	15,165,280	15,879,027	16,022,775	17,306,523	18,020,271	18,734,018	19,447,766	20,161,514	20,875,261	20,875,261
Less Accumulated Deferred Taxes	79,372,972	79,768,636	80,164,301	80,559,965	80,955,629	81,351,294	81,746,958	82,142,622	82,538,287	82,933,951	83,329,615	83,725,280	83,725,280
End Of Month Rate Base	358,946,770	358,073,425	357,200,079	356,341,043	355,482,007	354,616,153	353,568,879	352,512,961	351,457,043	350,345,902	349,229,479	348,111,231	348,111,231
Return on Rate Base													
Data Return	679,821	678,182	676,530	674,891	673,266	671,635	669,825	667,836	665,838	663,789	661,682	659,568	8,042,861
Equity Return	1,527,351	1,523,668	1,519,956	1,516,275	1,512,624	1,508,959	1,504,893	1,500,424	1,495,936	1,491,331	1,486,598	1,481,849	18,069,864
Total Return on Rate Base	2,207,171	2,201,850	2,196,486	2,191,166	2,185,890	2,180,593	2,174,718	2,168,260	2,161,775	2,155,120	2,148,279	2,141,417	26,112,724
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	644,239	644,239	644,239	644,239	644,239	644,239	644,239	644,239	644,239	644,239	644,239	644,239	7,730,870
Book Depreciation	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	8,564,973
Deferred Taxes	395,664	395,664	395,664	395,664	395,664	395,664	395,664	395,664	395,664	395,664	395,664	395,664	4,737,972
Gross Up for Income Tax	675,240	672,641	670,022	667,425	664,849	662,262	659,394	656,240	653,074	649,824	646,484	643,133	7,920,588
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	2,428,891	2,426,292	2,423,673	2,421,076	2,418,500	2,415,913	2,413,045	2,409,891	2,406,725	2,403,475	2,400,135	2,396,785	28,964,402
Revenue Requirement													
Total	4,636,062	4,628,142	4,620,159	4,612,242	4,604,390	4,596,507	4,587,763	4,578,151	4,568,499	4,558,595	4,548,415	4,538,202	55,077,126
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	3,406,975	3,401,155	3,395,288	3,389,470	3,383,699	3,377,906	3,371,481	3,364,417	3,357,324	3,350,046	3,342,564	3,335,059	40,475,384
Rider Eligible Revenue Requirement: Annual Totals													40,475,384

CAPX2020 - Brookings Land, Line & Sub	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Rate Base													
CWIP	162,318	160,568	156,407	161,267	119,154	53,950	1	1	1	1	1	1	1
Plant In-Service	452,436,511	452,325,318	452,216,537	452,126,393	452,028,480	451,950,007	451,954,401	451,954,401	451,954,401	451,954,401	451,954,401	451,954,401	451,954,401
Less Accumulated Book Depreciation Reserve	21,589,009	22,302,757	23,016,505	23,730,252	24,444,000	25,157,748	25,871,496	26,585,243	27,298,991	28,012,739	28,726,486	29,440,234	29,440,234
Less Accumulated Deferred Taxes	84,052,653	84,380,027	84,707,401	85,034,775	85,362,149	85,689,523	86,016,896	86,344,270	86,671,644	86,999,018	87,326,392	87,653,766	87,653,766
End Of Month Rate Base	346,957,167	345,803,102	344,649,038	343,522,633	342,341,485	341,156,687	340,066,009	339,024,888	337,983,766	336,942,645	335,901,523	334,860,402	334,860,402
Return on Rate Base													
Debt Return	657,419	655,236	653,053	650,896	648,713	646,475	644,323	642,307	640,337	638,368	636,398	634,429	7,747,954
Equity Return	1,477,020	1,472,116	1,467,211	1,462,365	1,457,461	1,452,434	1,447,598	1,443,068	1,438,643	1,434,219	1,429,794	1,425,369	17,407,298
Total Return on Rate Base	2,134,439	2,127,351	2,120,263	2,113,261	2,106,174	2,098,909	2,091,921	2,085,375	2,078,981	2,072,587	2,066,192	2,059,798	25,155,252
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	646,387	646,387	646,387	646,387	646,387	646,387	646,387	646,387	646,387	646,387	646,387	646,387	7,756,650
Book Depreciation	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	713,748	8,564,973
Deferred Taxes	327,374	327,374	327,374	327,374	327,374	327,374	327,374	327,374	327,374	327,374	327,374	327,374	3,928,486
Gross Up for Income Tax	709,616	706,155	702,694	699,275	695,815	692,267	688,855	685,659	682,537	679,415	676,292	673,170	8,291,750
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	2,397,125	2,393,664	2,390,203	2,386,784	2,383,324	2,379,776	2,376,364	2,373,168	2,370,046	2,366,924	2,363,801	2,360,679	28,541,858
Revenue Requirement													
Total	4,531,564	4,521,015	4,510,467	4,500,044	4,489,498	4,478,685	4,468,286	4,458,543	4,449,026	4,439,510	4,429,994	4,420,477	53,697,110
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	3,330,181	3,322,429	3,314,677	3,307,018	3,299,267	3,291,321	3,283,679	3,276,519	3,269,525	3,262,532	3,255,538	3,248,545	39,461,230
Rider Eligible Revenue Requirement: Annual Totals	-	-	-	-	-	-	-	-	-	-	-	39,461,230	39,461,230

CAPX2020 - Fargo Land, Line & Sub	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
Rate Base													
CWIP	117,750,282	121,650,085	125,745,609	74,224,687	76,611,151	79,245,955	81,588,656	86,823,813	91,571,217	95,397,831	91,987,410	85,436,379	85,436,379
Plant In-Service	43,017,870	43,028,901	43,028,901	97,820,977	98,917,003	100,229,974	100,414,827	100,850,498	101,678,513	101,725,123	106,294,770	115,504,660	115,504,660
Less Accumulated Book Depreciation Reserve	1,410,851	1,461,813	1,512,776	1,611,493	1,758,923	1,908,353	2,058,988	2,210,166	2,362,450	2,515,499	2,668,627	2,829,070	2,829,070
Less Accumulated Deferred Taxes	5,263,787	5,455,728	5,641,581	6,387,117	7,723,031	9,063,131	10,410,102	11,761,433	13,117,408	14,472,815	15,836,358	17,225,561	17,225,561
End Of Month Rate Base	154,093,514	157,761,445	161,620,153	164,047,055	166,046,199	168,504,446	169,534,394	173,702,712	177,769,872	180,134,639	179,777,195	180,886,407	180,886,407
Return on Rate Base													
Debt Return	281,616	291,065	298,089	303,956	308,087	312,247	315,503	320,355	328,041	334,044	335,918	336,619	3,765,540
Equity Return	641,178	662,692	678,686	692,043	701,448	710,920	718,333	729,379	746,879	760,547	764,813	766,410	8,573,328
Total Return on Rate Base	922,794	953,756	976,775	995,999	1,009,535	1,023,167	1,033,835	1,049,733	1,074,920	1,094,591	1,100,730	1,103,030	12,338,867
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	68,707	68,707	68,707	68,707	68,707	68,707	68,707	68,707	68,707	68,707	68,707	68,707	824,484
Book Depreciation	50,963	50,963	50,963	98,717	147,430	149,430	150,635	151,178	152,284	153,050	153,128	160,443	1,469,128
Deferred Taxes	197,521	191,941	185,853	745,536	1,335,915	1,340,099	1,346,971	1,351,331	1,355,975	1,355,408	1,363,543	1,389,203	12,159,296
Gross Up for Income Tax	250,325	271,216	288,730	(274,501)	(871,928)	(869,526)	(871,326)	(867,993)	(860,395)	(850,171)	(855,484)	(880,613)	(6,391,666)
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	567,516	582,826	594,253	638,459	680,123	688,711	694,987	703,223	716,571	726,994	729,893	737,740	8,061,296
Revenue Requirement													
Total	1,490,310	1,536,582	1,571,028	1,634,458	1,689,658	1,711,878	1,728,822	1,752,957	1,791,491	1,821,585	1,830,623	1,840,769	20,400,163
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%	74.34%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	1,107,895	1,142,293	1,167,900	1,215,054	1,256,090	1,272,608	1,285,204	1,303,146	1,331,792	1,354,164	1,360,883	1,368,426	15,165,454
Rider Eligible Revenue Requirement: Annual Totals	-	-	-	-	-	-	-	-	-	-	-	15,165,454	15,165,454

Docket No. E002/M-15-891
November 6 Update
Attachment 14-RR by Project
CAPX2020 - Fargo
Page 2 of 4

CAPX2020 - Fargo Land, Line & Sub	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
Rate Base													
CWIP	86,746,294	88,954,608	89,312,119	193,159	462,239	1,223,446	778,520	920,189	(160,833)	124,052	72,873	(0)	(0)
Plant In-Service	115,649,025	115,955,801	116,292,719	207,395,125	207,391,412	205,418,184	205,529,241	206,685,238	208,508,367	208,610,800	208,849,862	208,989,344	208,989,344
Less Accumulated Book Depreciation Reserve	2,997,357	3,166,031	3,335,216	3,583,825	3,911,664	4,238,611	4,564,517	4,890,874	5,046,517	5,547,820	5,876,438	6,205,057	6,205,057
Less Accumulated Deferred Taxes	17,990,246	18,786,575	19,577,926	20,965,684	22,971,432	24,969,931	26,961,951	28,956,203	30,961,993	32,975,818	34,989,477	37,003,137	37,003,137
End Of Month Rate Base	181,407,716	182,957,803	182,691,696	183,038,775	180,970,555	177,433,089	174,781,729	173,758,351	172,166,623	170,211,215	168,056,819	165,781,151	165,781,151
Return on Rate Base													
Data Return	342,670	344,629	345,843	345,920	344,292	338,990	333,137	329,661	327,187	323,832	319,945	315,755	4,011,662
Equity Return	769,875	774,277	777,005	777,177	773,520	761,608	748,456	740,648	735,091	727,553	718,820	709,406	9,013,435
Total Return on Rate Base	1,112,545	1,118,906	1,122,849	1,123,097	1,117,812	1,100,598	1,081,593	1,070,308	1,062,278	1,051,385	1,038,765	1,025,161	13,025,297
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	164,988	164,988	164,988	164,988	164,988	164,988	164,988	164,988	164,988	164,988	164,988	164,988	1,979,851
Book Depreciation	168,287	168,674	169,185	248,609	327,839	328,946	325,906	326,357	328,044	328,903	328,618	328,618	3,375,987
Deferred Taxes	764,585	796,329	791,351	1,387,758	2,091,549	1,994,959	2,013,604	2,026,791	2,013,604	2,013,604	2,013,604	2,013,604	19,773,609
Gross Up for Income Tax	(239,302)	(288,581)	(261,562)	(871,775)	(1,506,779)	(1,507,766)	(1,509,971)	(1,518,655)	(1,533,939)	(1,547,479)	(1,553,473)	(1,560,115)	(13,879,395)
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	858,657	861,410	863,962	929,580	991,796	982,667	972,508	967,377	964,883	960,236	953,793	947,150	11,254,018
Revenue Requirement													
Total	1,971,202	1,980,316	1,986,811	2,052,677	2,109,608	2,083,264	2,054,101	2,037,686	2,027,161	2,011,621	1,992,558	1,972,311	24,279,315
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%	73.93%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	1,457,220	1,463,957	1,468,758	1,517,450	1,559,537	1,540,062	1,518,503	1,506,368	1,498,587	1,487,099	1,473,007	1,458,039	17,948,587
Rider Eligible Revenue Requirement: Annual Totals												17,948,587	17,948,587

CAPX2020 - Fargo Land, Line & Sub	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total
Rate Base													
CWIP	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344
Less Accumulated Book Depreciation Reserve	6,533,675	6,862,293	7,190,912	7,519,530	7,848,148	8,176,767	8,505,385	8,834,003	9,162,622	9,491,240	9,819,858	10,148,476	10,148,476
Less Accumulated Deferred Taxes	37,183,047	37,362,958	37,542,868	37,722,779	37,902,689	38,082,599	38,262,510	38,442,420	38,622,330	38,802,241	38,982,151	39,162,062	39,162,062
End Of Month Rate Base	165,272,622	164,764,093	164,255,564	163,747,036	163,238,507	162,729,978	162,221,450	161,712,921	161,204,392	160,695,864	160,187,335	159,678,806	159,678,806
Return on Rate Base													
Debt Return	313,122	312,160	311,198	310,236	309,274	308,312	307,350	306,388	305,426	304,464	303,502	302,540	3,693,971
Equity Return	703,489	701,328	699,167	697,006	694,844	692,683	690,522	688,361	686,199	684,038	681,877	679,716	8,299,229
Total Return on Rate Base	1,016,611	1,013,488	1,010,365	1,007,241	1,004,118	1,000,995	997,872	994,748	991,625	988,502	985,379	982,256	11,993,199
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	3,582,261
Book Depreciation	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	3,943,420
Deferred Taxes	179,910	179,910	179,910	179,910	179,910	179,910	179,910	179,910	179,910	179,910	179,910	179,910	2,158,925
Gross Up for Income Tax	312,401	310,876	309,351	307,826	306,301	304,776	303,251	301,726	300,201	298,676	297,151	295,626	3,648,161
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	1,119,451	1,117,926	1,116,401	1,114,876	1,113,351	1,111,826	1,110,301	1,108,776	1,107,251	1,105,726	1,104,201	1,102,676	13,332,766
Revenue Requirement													
Total	2,136,062	2,131,414	2,126,766	2,122,118	2,117,469	2,112,821	2,108,173	2,103,525	2,098,877	2,094,228	2,089,580	2,084,932	25,325,965
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	1,569,761	1,566,345	1,562,929	1,559,514	1,556,098	1,552,682	1,549,266	1,545,850	1,542,434	1,539,018	1,535,602	1,532,186	18,611,685
Rider Eligible Revenue Requirement: Annual Totals	-	-	-	-	-	-	-	-	-	-	-	18,611,685	18,611,685

CAPX2020 - Fargo Land, Line & Sub	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Rate Base													
CWIP	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344	208,989,344
Less Accumulated Book Depreciation Reserve	10,477,095	10,805,713	11,134,331	11,462,950	11,791,568	12,120,186	12,448,805	12,777,423	13,106,041	13,434,659	13,763,278	14,091,896	14,091,896
Less Accumulated Deferred Taxes	39,312,125	39,462,189	39,612,252	39,762,316	39,912,380	40,062,443	40,212,507	40,362,571	40,512,634	40,662,698	40,812,761	40,962,825	40,962,825
End Of Month Rate Base	159,200,124	158,721,442	158,242,760	157,764,079	157,285,397	156,806,715	156,328,033	155,849,351	155,370,669	154,891,987	154,413,305	153,934,623	153,934,623
Return on Rate Base													
Debt Return	301,606	300,701	299,795	298,890	297,984	297,079	296,173	295,268	294,362	293,457	292,551	291,646	3,559,512
Equity Return	677,618	675,583	673,549	671,515	669,480	667,446	665,411	663,377	661,343	659,308	657,274	655,239	7,997,142
Total Return on Rate Base	979,224	976,284	973,344	970,404	967,464	964,525	961,585	958,645	955,705	952,765	949,825	946,885	11,556,655
Income Statement Items													
AFUDC Pre-Eligible	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-
Property Taxes	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	298,522	3,582,261
Book Depreciation	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	328,618	3,943,420
Deferred Taxes	150,064	150,064	150,064	150,064	150,064	150,064	150,064	150,064	150,064	150,064	150,064	150,064	1,800,763
Gross Up for Income Tax	324,691	323,256	321,820	320,385	318,949	317,514	316,078	314,643	313,207	311,772	310,336	308,901	3,801,553
Less OATT Credit	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Income Statement Expense	1,101,895	1,100,459	1,099,024	1,097,588	1,096,153	1,094,718	1,093,282	1,091,847	1,090,411	1,088,976	1,087,540	1,086,105	13,127,997
Revenue Requirement													
Total	2,081,119	2,076,744	2,072,368	2,067,993	2,063,617	2,059,242	2,054,867	2,050,491	2,046,116	2,041,740	2,037,365	2,032,990	24,684,652
MISO Determined Cost Allocations	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Jurisdictional Allocator	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%	73.49%
Are costs eligible for recovery in the Rider?	1	1	1	1	1	1	1	1	1	1	1	1	1
Rider Eligible Revenue Requirement	1,529,384	1,526,169	1,522,953	1,519,738	1,516,523	1,513,307	1,510,092	1,506,876	1,503,661	1,500,446	1,497,230	1,494,015	18,140,394
Rider Eligible Revenue Requirement: Annual Totals	-	-	-	-	-	-	-	-	-	-	-	18,140,394	18,140,394

Northern States Power Company
State of Minnesota
Transmission Cost Recovery Rider (TCR)
ADIT Adjustment - Pro-Rate Method

Docket No. E002/M-15-891
November 6 Update
Attachment A
Page 1 of 1

	Annual	Monthly
Debt Return %	2.2700%	0.1892%
Equity Return %	5.1000%	0.4250%
Tax RR on Equity Return @ 41.37 CTR	<u>3.5986%</u>	<u>0.2999%</u>
Rate Base Revenue Requirement Factor	10.9686%	0.9141%

		2016				
Days/Month	Pro-Rate Days	Pro-Rate Factor	Monthly DT Expense	Average Mo ADIT	Pro-Rated DT Expense	Average Mo Pro-Rate ADIT
31 Jan	335	0.917808	815,943.55	407,971.77	748,879.70	374,439.85
28 Feb	307	0.841096	810,840.14	1,221,363.62	681,994.31	1,089,876.85
31 Mar	276	0.756164	806,302.21	2,029,934.80	609,697.02	1,735,722.51
30 Apr	246	0.673973	800,606.27	2,833,389.04	539,586.69	2,310,364.37
31 May	215	0.589041	793,255.21	3,630,319.78	467,259.92	2,813,787.67
30 Jun	185	0.506849	785,562.95	4,419,728.85	398,162.04	3,246,498.65
31 Jul	154	0.421918	779,338.96	5,202,179.81	328,816.99	3,609,988.16
31 Aug	123	0.336986	771,905.05	5,977,801.81	260,121.43	3,904,457.37
30 Sep	93	0.254795	909,995.33	6,818,752.01	231,861.82	4,150,449.00
31 Oct	62	0.169863	1,051,362.21	7,799,430.78	178,587.55	4,355,673.69
30 Nov	32	0.087671	1,043,578.15	8,846,900.96	91,491.78	4,490,713.36
31 Dec	1	0.002740	1,035,276.18	9,886,328.12	2,836.37	4,537,877.43
365	Totals			59,074,101.34		36,619,848.91
			Mth RR Factor	<u>0.9141%</u>		<u>0.9141%</u>
			Annual RR	(539,967.73)		(334,724.29)
				Total Company RR Adjustment		205,243.44

Input Data

Monthly DT Expense	2016
Jan	815,944
Feb	810,840
Mar	806,302
Apr	800,606
May	793,255
Jun	785,563
Jul	779,339
Aug	771,905
Sep	909,995
Oct	1,051,362
Nov	1,043,578
Dec	1,035,276

MN Transmission Demand	87.3461%
NSPM Interchange Demand	<u>84.1349%</u>
Net MN Allocation	73.4886%

MN Jurisdiction RR Adjustment	150,830.44
--------------------------------------	-------------------

Redline

TRANSMISSION COST RECOVERY RIDER

Section No. 5

~~11th~~12th Revised Sheet No. 144

APPLICATION

Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER

There shall be included on each customer's monthly bill a Transmission Cost Recovery (TCR) adjustment, which shall be the TCR Adjustment Factor multiplied by the customer's monthly billing energy or demand for electric service as described below. This TCR Adjustment shall be calculated before city surcharge and sales tax.

DETERMINATION OF TCR ADJUSTMENT FACTORS

A separate TCR Adjustment Factor shall be calculated for the following four customer groups: (1) Residential, (2) Commercial Non-Demand, (3) Demand Billed, and (4) Street Lighting. The TCR Adjustment Factor for each group shall be the value obtained by multiplying each group's weighting factor by the average retail cost per kWh. The average retail cost per kWh shall be determined by the forecasted balance of the TCR Tracker Account, divided by the forecasted retail sales for the calendar year. The Demand Billed customers' TCR Adjustment Factor is calculated similarly, but the resulting per kWh charge is converted to a per kW charge for application to billed kW rather than billed kWh. TCR Adjustment Factors shall be rounded to the nearest \$0.000001 per kWh or \$0.001 per kW.

The TCR Adjustment Factor for each customer group may be adjusted annually with approval of the Minnesota Public Utilities Commission (Commission). Each TCR Adjustment Factor shall apply to bills rendered subsequent to approval by the Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	\$0.003236 <u>\$0.003131</u> per kWh
Commercial (Non-Demand)	\$0.003073 <u>\$0.003025</u> per kWh
Demand Billed	\$0.006 <u>\$0.907</u> per kW

R
R
R

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects eligible for recovery under Minnesota Statute Sections 216B.1645 or 216B.16, subd. 7b that are determined by the Commission to be eligible for recovery under this Transmission Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the Transmission Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the TCR Adjustment shall be credited to the Transmission Tracker Account.

Forecasted retail kWh sales and kW demands shall be those for the designated recovery period.

(Continued on Sheet No. 5-145)

Date Filed:	11-04-13 <u>10-01-15</u>	By: Christopher B. Clark	Effective Date:	11-01-15
		President, Northern States Power Company, a Minnesota corporation		
Docket No.	E002/ GR-13-868 <u>M-15-891</u>		Order Date:	08-31-15

Clean

TRANSMISSION COST RECOVERY RIDER

Section No. 5
12th Revised Sheet No. 144

APPLICATION

Applicable to bills for electric service provided under the Company's retail rate schedules.

RIDER

There shall be included on each customer's monthly bill a Transmission Cost Recovery (TCR) adjustment, which shall be the TCR Adjustment Factor multiplied by the customer's monthly billing energy or demand for electric service as described below. This TCR Adjustment shall be calculated before city surcharge and sales tax.

DETERMINATION OF TCR ADJUSTMENT FACTORS

A separate TCR Adjustment Factor shall be calculated for the following four customer groups: (1) Residential, (2) Commercial Non-Demand, (3) Demand Billed, and (4) Street Lighting. The TCR Adjustment Factor for each group shall be the value obtained by multiplying each group's weighting factor by the average retail cost per kWh. The average retail cost per kWh shall be determined by the forecasted balance of the TCR Tracker Account, divided by the forecasted retail sales for the calendar year. The Demand Billed customers' TCR Adjustment Factor is calculated similarly, but the resulting per kWh charge is converted to a per kW charge for application to billed kW rather than billed kWh. TCR Adjustment Factors shall be rounded to the nearest \$0.000001 per kWh or \$0.001 per kW.

The TCR Adjustment Factor for each customer group may be adjusted annually with approval of the Minnesota Public Utilities Commission (Commission). Each TCR Adjustment Factor shall apply to bills rendered subsequent to approval by the Minnesota Public Utilities Commission. The TCR factor for each rate schedule is:

Residential	\$0.003131 per kWh	R
Commercial (Non-Demand)	\$0.003025 per kWh	R
Demand Billed	\$0.907 per kW	R

Recoverable Transmission Costs shall be the annual revenue requirements for transmission costs associated with transmission projects eligible for recovery under Minnesota Statute Sections 216B.1645 or 216B.16, subd. 7b that are determined by the Commission to be eligible for recovery under this Transmission Cost Recovery Rider. A standard model will be used to calculate the total forecasted revenue requirements for eligible projects for the designated period. All costs appropriately charged to the Transmission Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered from the TCR Adjustment shall be credited to the Transmission Tracker Account.

Forecasted retail kWh sales and kW demands shall be those for the designated recovery period.

(Continued on Sheet No. 5-145)

Date Filed:	10-01-15	By: Christopher B. Clark	Effective Date:
		President, Northern States Power Company, a Minnesota corporation	
Docket No.	E002/M-15-891		Order Date:

CERTIFICATE OF SERVICE

I, Carl Cronin, hereby certify that I have this day served copies of the foregoing document on the attached list of persons.

xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States mail at Minneapolis, Minnesota

xx electronic filing

DOCKET No. E002/M-15-891

Dated this 6th day of November 2015

/s/

Carl Cronin

[illegible]

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Mark J.	Kaufman	mkaufman@ibewlocal949.org	IBEW Local Union 949	12908 Nicollet Avenue South Burnsville, MN 55337	Electronic Service	No	OFF_SL_15-891_M-15-891
Thomas	Koehler	TGK@IBEW160.org	Local Union #160, IBEW	2909 Anthony Ln St Anthony Village, MN 55418-3238	Electronic Service	No	OFF_SL_15-891_M-15-891
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-891_M-15-891
Douglas	Larson	dlarson@dakotaelectric.com	Dakota Electric Association	4300 220th St W Farmington, MN 55024	Electronic Service	No	OFF_SL_15-891_M-15-891
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	Yes	OFF_SL_15-891_M-15-891
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E St. Paul, MN 55106	Electronic Service	No	OFF_SL_15-891_M-15-891
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-891_M-15-891
David W.	Niles	david.niles@avantenergy.com	Minnesota Municipal Power Agency	Suite 300 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-891_M-15-891
Richard	Savelkoul	rsavelkoul@martinsquires.com	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	OFF_SL_15-891_M-15-891
Ken	Smith	ken.smith@districtenergy.com	District Energy St. Paul Inc.	76 W Kellogg Blvd St. Paul, MN 55102	Electronic Service	No	OFF_SL_15-891_M-15-891

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ron	Spangler, Jr.	rlspangler@otpc.com	Otter Tail Power Company	215 So. Cascade St. PO Box 496 Fergus Falls, MN 565380496	Electronic Service	No	OFF_SL_15-891_M-15-891
Byron E.	Starns	byron.starns@stinson.com	Stinson Leonard Street LLP	150 South 5th Street Suite 2300 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-891_M-15-891
James M.	Strommen	jstrommen@kennedy-graven.com	Kennedy & Graven, Chartered	470 U.S. Bank Plaza 200 South Sixth Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-891_M-15-891
Eric	Swanson	eswanson@winthrop.com	Winthrop Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_15-891_M-15-891
SaGonna	Thompson	Regulatory.records@xcelenergy.com	Xcel Energy	414 Nicollet Mall FL 7 Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_15-891_M-15-891
Lisa	Veith	lisa.veith@ci.stpaul.mn.us	City of St. Paul	400 City Hall and Courthouse 15 West Kellogg Blvd. St. Paul, MN 55102	Electronic Service	No	OFF_SL_15-891_M-15-891
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_15-891_M-15-891