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November 30, 2015

--Via Electronic Filing--

Darrell Nitschke, Executive Secretary
North Dakota Public Service Commission
State Capitol Building, Dept. 408
600 East Boulevard
Bismarck, ND 58505-0480

RE: 2016 TRANSMISSION COST RECOVERY RATE ADJUSTMENT APPLICATION
CASE NO. PU-15-684

Dear Mr. Nitschke:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed supplement to the 2016 Transmission Cost Recovery (TCR) Rate Adjustment Application.

On page 10 of our October 1, 2015 application, we discussed the need to assess the calculation of the plant related Accumulated Deferred Income Taxes (ADIT) offset to rate base. This supplement adjusts the 2016 revenue requirements calculation to include the plant related ADIT in accordance with the proration formula in IRS regulation section 1.167(1)-1(h)(6). We have included Attachment 16 as a new attachment showing the ADIT calculation.

This supplement includes the following updated attachments reflecting the impact of the ADIT calculation:

Attachment 4: Annual Tracker Summary
Attachment 7: 2016 Tracker
Attachment 8: 2017 Tracker
Attachment 9: Revenues
Attachment 15: Tariff

The 2016 ADIT adjustment is \$19,257, which results in an increase in the revenue requirement from \$5.39 million to \$5.41 million and an increase in the proposed Adjustment Factor from \$0.002332 to \$0.002340.

Please contact me if you have any questions or comments.

Sincerely,



DAVID H. SEDERQUIST
SR. CONSULTANT, REGULATION/FINANCE

Annual Tracker Summary				
	2014	2015	2016	2017
	Actual	Forecast	Forecast	Forecast
Legacy Projects	-	-	-	-
CAPX2020 - Brookings	2,850,414	3,066,222	3,059,257	2,988,808
CAPX2020 - Fargo	1,352,663	1,593,498	1,545,399	1,502,261
CAPX2020 - La Crosse Local	264,997	381,513	364,473	361,796
CAPX2020 - La Crosse MISO	274,901	389,507	685,850	799,160
CAPX2020 - La Crosse MISO - WI	340,552	888,979	1,016,212	991,770
Sioux Falls Northern	55,702	127,143	197,090	199,177
Chaska - Hwy 212 Conversion	48,753	102,125	113,897	110,632
Minn Valley	67,305	98,832	98,682	96,119
Maple River - Red River	403	894	17,970	74,534
Big Stone - Brookings	24,207	44,081	166,003	421,937
Lake Marion - Burnsville	63,588	60,954	58,460	56,968
Maple Lake - Annandale	929	4,534	15,589	15,026
Glencoe - Waconia	154,015	144,153	142,818	139,440
Bluff Creek - Westgate	8,831	53,343	120,886	138,148
Scott Cty 345 kV Expansion	10,604	114,744	169,608	163,735
Wilson Substation Conversion	-	-	-	-
Kohlman Lake-Goose Lake 2nd ckt	57,539	121,573	132,000	128,134
Prairie Sub Expansion	3,252	27,906	58,274	71,340
Black Dog - Savage	54,365	54,088	51,109	49,802
Chisago 2nd Transformer Addition	5,430	36,716	47,851	46,084
Franklin Transformer	49,106	41,355	39,696	38,749
Cass County SUB Expansion	35,368	32,297	30,991	30,247
New Prague Area	1,027	19,687	50,129	48,387
ELR - Breakers - NSPM	2,526	2,634	2,521	2,459
Minot Load Serving	-	-	12,530	72,297
NSPM Major Line Rebuild	-	-	35,562	34,813
Gleason Lake Sub	-	-	4,652	25,379
NSM0953 Galloping Mitigate SPK	-	-	48,542	46,908
S&E - NSP Line	-	-	62,149	70,728
ELR - Transformers - NSPM	-	-	29,983	31,540
Maple River 115kV MPC Interconnec	-	-	197	4,611
Dean Lake Substation	-	-	17,334	28,801
NSP Reloc B	-	-	13,482	27,962
Yankee Reactor	-	-	20,549	27,656
ELR - Relay - NSPM	8,466	7,449	7,127	6,937
RECB - 26 & 26(a)	(2,076,731)	(1,612,962)	(1,413,134)	(652,259)
Transmission Projects	3,658,211	5,801,265	7,023,741	8,200,086
Revenue Requirement in Base Rates	(1,800,376)	(1,800,376)	(1,800,376)	(1,800,376)
TCR True-up Carryover	-	1,857,835	162,845	811
ADIT Pro-Rate	-	-	19,257	19,409
Revenue Requirement (RR)	1,857,835	5,858,723	5,405,468	6,419,929
Revenue Collections (RC)	-	5,695,878	5,404,658	6,420,596
RR - RC	1,857,835	162,845	811	(667)
Balance	1,857,835	162,845	811	(667)

Carryover	2016 Tracker												
	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	257,387	256,969	256,547	256,129	255,715	255,299	254,836	254,326	253,813	253,287	252,746	252,203	3,059,257
CAPX2020 - Fargo	130,542	130,223	129,903	129,583	129,263	128,943	128,623	128,304	127,984	127,664	127,344	127,024	1,545,399
CAPX2020 - La Crosse Local	30,186	30,282	30,370	30,410	30,405	30,386	30,401	30,392	30,434	30,474	30,402	30,331	364,473
CAPX2020 - La Crosse MISO	49,874	51,494	52,812	54,138	55,251	56,099	56,824	57,259	60,701	64,218	63,834	63,347	685,850
CAPX2020 - La Crosse MISO - WI	85,073	85,020	85,153	85,241	85,125	84,983	84,790	84,590	84,381	84,167	83,953	83,738	1,016,212
Sioux Falls Northern	15,970	16,052	16,387	16,705	16,660	16,614	16,567	16,520	16,474	16,427	16,380	16,334	197,090
Chaska - Hwy 212 Conversion	9,624	9,599	9,575	9,551	9,527	9,503	9,479	9,455	9,431	9,407	9,383	9,359	113,897
Minn Valley	8,329	8,310	8,290	8,271	8,252	8,233	8,214	8,195	8,176	8,157	8,137	8,118	98,682
Maple River - Red River	182	359	538	723	921	1,104	1,261	1,529	1,902	2,554	3,247	3,651	17,970
Big Stone - Brookings	5,950	6,715	7,684	8,902	10,379	12,057	13,942	16,029	18,197	20,221	22,119	23,807	166,003
Lake Marion - Burnsville	4,933	4,922	4,911	4,900	4,888	4,877	4,866	4,855	4,844	4,833	4,821	4,810	58,460
Maple Lake - Annandale	1,321	1,317	1,313	1,309	1,305	1,301	1,297	1,293	1,289	1,285	1,281	1,277	15,589
Glencoe - Waconia	12,042	12,016	11,991	11,965	11,940	11,914	11,889	11,863	11,838	11,812	11,787	11,761	142,818
Bluff Creek - Westgate	8,211	8,702	9,084	9,363	9,642	10,398	10,995	10,966	10,935	10,899	10,864	10,828	120,886
Scott Cty 345 kV Expansion	14,367	14,325	14,282	14,240	14,198	14,155	14,113	14,071	14,028	13,986	13,943	13,901	169,608
Wilson Substation Conversion	-	-	-	-	-	-	-	-	-	-	-	-	-
Kohlman Lake-Goose Lake 2nd ckt	11,156	11,128	11,099	11,071	11,043	11,014	10,986	10,957	10,929	10,901	10,872	10,844	132,000
Prairie Sub Expansion	3,895	4,111	4,244	4,331	4,400	4,899	5,408	5,434	5,415	5,397	5,378	5,360	58,274
Black Dog - Savage	4,313	4,303	4,293	4,283	4,274	4,264	4,254	4,244	4,235	4,225	4,215	4,205	51,109
Chisago 2nd Transformer Addition	4,057	4,045	4,032	4,019	4,007	3,994	3,981	3,969	3,956	3,943	3,931	3,918	47,851
Franklin Transformer	3,347	3,340	3,333	3,326	3,319	3,312	3,304	3,297	3,290	3,283	3,276	3,269	39,696
Cass County SUB Expansion	2,613	2,608	2,602	2,597	2,591	2,585	2,580	2,574	2,569	2,563	2,557	2,552	30,991
New Prague Area	4,235	4,234	4,224	4,211	4,198	4,185	4,173	4,160	4,147	4,134	4,121	4,108	50,129
ELR - Breakers - NSPM	213	212	212	211	211	210	210	209	209	208	208	207	2,521
Minot Load Serving	289	466	679	797	916	1,035	1,154	1,273	1,404	1,547	1,530	1,440	12,530
NSPM Major Line Rebuild	2,946	3,005	2,997	2,989	2,981	2,973	2,965	2,957	2,949	2,941	2,933	2,925	35,562
Gleason Lake Sub	12	36	67	112	178	232	303	441	604	745	866	1,055	4,652
NSM0953 Galloping Mitigate SPK	4,111	4,099	4,087	4,075	4,063	4,051	4,039	4,027	4,015	4,003	3,991	3,979	48,542
S&E - NSP Line	5,133	5,127	5,120	5,114	5,110	5,118	5,130	5,135	5,139	5,193	5,301	5,529	62,149
ELR - Transformers - NSPM	2,469	2,507	2,527	2,525	2,518	2,511	2,505	2,498	2,491	2,484	2,478	2,471	29,983
Maple River 115kV MPC Interconnection	-	-	-	-	1	4	9	15	24	36	47	61	197
Dean Lake Substation	87	551	1,040	1,171	1,302	1,433	1,564	1,696	1,828	1,960	2,092	2,611	17,334
NSP Reloc B	605	614	680	818	997	1,111	1,134	1,192	1,311	1,474	1,672	1,874	13,482
Yankee Reactor	663	1,219	1,685	1,725	1,765	1,805	1,825	1,844	1,889	1,960	2,053	2,116	20,549
ELR - Relay - NSPM	602	600	599	597	596	595	593	592	590	589	587	586	7,127
RECB - 26 & 26(a)	(117,959)	(106,049)	(141,652)	(124,509)	(79,291)	(66,188)	(114,395)	(133,040)	(112,070)	(139,725)	(160,966)	(117,291)	(1,413,134)
Transmission Projects	566,779	582,462	550,711	570,897	618,649	635,012	589,818	573,121	599,348	577,251	557,384	602,309	7,023,741
Revenue Requirement in Base Rates	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(1,800,376)
TCR True-up Carryover	162,845	-	-	-	-	-	-	-	-	-	-	-	162,845
ADIT Pro-Rate	28	109	244	438	688	999	1,379	1,825	2,350	2,981	3,702	4,514	19,257
Revenue Requirement (RR)	579,620	432,539	400,924	421,303	469,306	485,980	441,166	424,915	451,667	430,201	411,055	456,792	5,405,468
Revenue Collections (RC)	538,665	477,372	474,951	402,155	401,579	408,127	457,299	452,222	404,499	413,336	452,980	521,473	5,404,658
Monthly RR - RC	40,956	(44,833)	(74,027)	19,148	67,727	77,852	(16,133)	(27,308)	47,168	16,865	(41,925)	(64,681)	
Balance (RR - RC + Cumulative CC)	40,956	(3,877)	(77,904)	(58,756)	8,972	86,824	70,691	43,384	90,552	107,417	65,492	811	

Carryover	2017 Tracker												
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Annual Total
	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
Legacy Projects	-	-	-	-	-	-	-	-	-	-	-	-	-
CAPX2020 - Brookings	252,099	251,536	250,973	250,416	249,853	249,275	248,720	248,201	247,694	247,187	246,680	246,173	2,988,808
CAPX2020 - Fargo	126,845	126,544	126,243	125,942	125,640	125,339	125,038	124,736	124,435	124,134	123,833	123,531	1,502,261
CAPX2020 - La Crosse Local	30,523	30,455	30,387	30,320	30,252	30,184	30,116	30,048	29,980	29,912	29,844	29,776	361,796
CAPX2020 - La Crosse MISO	67,654	67,462	67,269	67,077	66,885	66,693	66,501	66,308	66,116	65,924	65,732	65,540	799,160
CAPX2020 - La Crosse MISO - WI	83,751	83,551	83,350	83,149	82,949	82,748	82,547	82,347	82,146	81,945	81,745	81,544	991,770
Sioux Falls Northern	16,859	16,812	16,764	16,717	16,669	16,622	16,574	16,527	16,479	16,432	16,384	16,337	199,177
Chaska - Hwy 212 Conversion	9,342	9,320	9,298	9,275	9,253	9,230	9,208	9,186	9,163	9,141	9,119	9,096	110,632
Minn Valley	8,109	8,091	8,073	8,055	8,037	8,019	8,001	7,983	7,965	7,947	7,929	7,911	96,119
Maple River - Red River	4,388	4,887	5,344	5,652	5,883	6,522	7,011	7,001	6,986	6,970	6,953	6,936	74,534
Big Stone - Brookings	25,539	28,083	30,394	31,598	32,804	34,010	35,167	36,246	37,657	38,935	39,649	51,855	421,937
Lake Marion - Burnsville	4,805	4,795	4,784	4,774	4,763	4,753	4,742	4,732	4,721	4,711	4,700	4,690	56,968
Maple Lake - Annandale	1,273	1,269	1,265	1,262	1,258	1,254	1,250	1,247	1,243	1,239	1,235	1,232	15,026
Glencoe - Waconia	11,752	11,728	11,704	11,680	11,656	11,632	11,608	11,584	11,560	11,536	11,512	11,488	139,440
Bluff Creek - Westgate	11,706	11,670	11,635	11,599	11,564	11,530	11,496	11,461	11,425	11,389	11,354	11,318	138,148
Scott Cty 345 kV Expansion	13,860	13,821	13,782	13,743	13,703	13,664	13,625	13,586	13,547	13,507	13,468	13,429	163,735
Wilson Substation Conversion	-	-	-	-	-	-	-	-	-	-	-	-	-
Kohlman Lake-Goose Lake 2nd ckt	10,823	10,797	10,770	10,744	10,718	10,691	10,665	10,638	10,612	10,585	10,559	10,532	128,134
Prairie Sub Expansion	6,049	6,030	6,011	5,992	5,973	5,954	5,936	5,917	5,898	5,879	5,860	5,841	71,340
Black Dog - Savage	4,201	4,192	4,182	4,173	4,164	4,155	4,146	4,136	4,127	4,118	4,109	4,100	49,802
Chisago 2nd Transformer Addition	3,905	3,893	3,881	3,870	3,858	3,846	3,834	3,823	3,811	3,799	3,788	3,776	46,084
Franklin Transformer	3,266	3,259	3,253	3,246	3,239	3,232	3,226	3,219	3,212	3,206	3,199	3,192	38,749
Cass County SUB Expansion	2,550	2,544	2,539	2,534	2,528	2,523	2,518	2,513	2,507	2,502	2,497	2,492	30,247
New Prague Area	4,098	4,086	4,074	4,062	4,050	4,038	4,026	4,014	4,002	3,990	3,978	3,966	48,387
ELR - Breakers - NSPM	207	207	206	206	206	205	205	204	204	203	203	202	2,459
Minot Load Serving	1,658	2,060	2,461	2,886	3,580	4,380	5,479	6,930	8,315	9,764	11,511	13,274	72,297
NSPM Major Line Rebuild	2,938	2,930	2,923	2,915	2,908	2,900	2,892	2,887	2,884	2,881	2,879	2,876	34,813
Gleason Lake Sub	1,297	1,447	1,508	1,573	1,683	1,832	1,998	2,160	2,362	2,647	3,022	3,850	25,379
NSM0953 Galloping Mitigate SPK	3,967	3,956	3,945	3,934	3,922	3,911	3,900	3,889	3,878	3,870	3,868	3,868	46,908
S&E - NSP Line	5,804	5,799	5,793	5,787	5,781	5,784	5,807	5,841	5,914	6,026	6,139	6,252	70,728
ELR - Transformers - NSPM	2,673	2,665	2,657	2,649	2,641	2,632	2,624	2,616	2,608	2,600	2,592	2,584	31,540
Maple River 115kV MPC Interconnection	96	148	200	253	305	358	410	463	515	568	621	674	4,611
Dean Lake Substation	2,442	2,434	2,427	2,419	2,412	2,404	2,396	2,389	2,381	2,373	2,366	2,358	28,801
NSP Reloc B	2,055	2,178	2,270	2,350	2,419	2,454	2,458	2,464	2,391	2,313	2,307	2,302	27,962
Yankee Reactor	2,344	2,337	2,330	2,323	2,315	2,308	2,301	2,294	2,287	2,279	2,272	2,265	27,656
ELR - Relay - NSPM	586	584	583	581	580	579	577	576	575	573	572	571	6,937
RECB - 26 & 26(a)	(48,357)	(45,399)	(79,636)	(70,336)	(18,250)	(431)	(34,547)	(58,890)	(51,907)	(82,757)	(102,393)	(59,357)	(652,259)
Transmission Projects	681,109	686,172	653,642	663,419	716,201	735,231	702,457	679,274	687,695	658,330	640,084	696,471	8,200,086
Revenue Requirement in Base Rates	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(150,031)	(1,800,376)
TCR True-up Carryover	811	-	-	-	-	-	-	-	-	-	-	-	811
ADIT Pro-Rate	29	115	258	459	718	1,036	1,417	1,859	2,364	2,939	3,579	4,637	19,409
Revenue Requirement (RR)	531,918	536,256	503,869	513,847	566,887	586,236	553,842	531,102	540,027	511,237	493,631	551,076	6,419,929
Revenue Collections (RC)	641,270	556,361	561,132	480,401	481,039	485,203	543,786	537,800	481,046	491,895	539,059	621,603	6,420,596
Monthly RR - RC	(109,353)	(20,105)	(57,263)	33,446	85,848	101,033	10,057	(6,698)	58,982	19,342	(45,428)	(70,527)	
Balance (RR - RC + Cumulative CC)	(109,353)	(129,458)	(186,721)	(153,275)	(67,426)	33,607	43,663	36,965	95,946	115,289	69,860	(667)	

Non-Legislative

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

TRANSMISSION COST RECOVERY RIDER

Section No. 5

~~3rd~~^{4th} Revised Sheet No. 86

APPLICATION

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

RIDER

There will be included on each customer's monthly bill a Transmission Cost Recovery (TCR) charge for purposes of recovering transmission capital and operating costs not presently reflected in base retail rates. The TCR charge shall be determined by multiplying a customer's monthly billed kWh for electric service by the current TCR rate. The TCR charge shall be calculated prior to the application of any city surcharges and/or sales tax.

DETERMINATION OF TCR RATE

The TCR rate is calculated by dividing the forecasted balance of the TCR Tracker Account by the forecasted retail sales. The TCR rate shall be rounded to the nearest \$0.000001 per kWh.

Transmission costs recoverable under this Rider include (i) the annual revenue requirements associated with electric transmission facilities eligible for recovery under NDCC 49.05.04.1, and (ii) federally regulated costs charged to or incurred by the Company to increase regional transmission capacity or reliability. A standardized forecast model will be used to calculate the total revenue requirements for eligible transmission facilities affecting the recovery period. Forecasted retail sales shall be the estimated total retail electric sales for the applicable recovery period.

The TCR rate will be determined annually for each upcoming calendar year recovery period through a TCR rate adjustment application to the North Dakota Public Service Commission.

The TCR rate will apply to monthly billed kWh rendered on and after January 1st of the recovery year. The present TCR rate is:

All Customer Classes ~~\$0.002505~~\$0.002340 per kWh

RC

All approved costs appropriately charged to the TCR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered through the Rider shall be credited to the TCR Tracker Account.

TRUE-UP

For each 12-month period ending December 31, a true-up adjustment to the Tracker Account will be calculated reflecting the difference between actual TCR Rider revenue and the corresponding transmission costs (revenue requirements) for the recovery period. The true-up amount shall be recorded by May 1 of the following calendar year and will be included in the calculation of the TCR rate effective for the next calendar year recovery period.

For example, Year 1 actual Rider revenue will be compared to actual revenue requirements for the same period and the difference recorded as an adjustment to the Tracker Account on or before May 1 of Year 2. This difference would then be included in the calculation of the new TCR rate (application to be filed in Year 2) effective January 1 of Year 3.

Date Filed: 07-22-1410-01-15 By: Christopher B. Clark Effective Date: 04-01-15
President, ~~and CEO of~~ Northern States Power Company, a Minnesota corporation
Case No. PU-14-644PU-15-684 Order Date: 12-17-14

Legislative

NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2

TRANSMISSION COST RECOVERY RIDER

Section No. 5
4th Revised Sheet No. 86

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The TCR rate is calculated by dividing the forecasted balance of the TCR Tracker Account by the forecasted retail sales. The TCR rate shall be rounded to the nearest \$0.000001 per kWh.

Transmission costs recoverable under this Rider include (i) the annual revenue requirements associated with electric transmission facilities eligible for recovery under NDCC 49.05.04.1, and (ii) federally regulated costs charged to or incurred by the Company to increase regional transmission capacity or reliability. A standardized forecast model will be used to calculate the total revenue requirements for eligible transmission facilities affecting the recovery period. Forecasted retail sales shall be the estimated total retail electric sales for the applicable recovery period.

The TCR rate will be determined annually for each upcoming calendar year recovery period through a TCR rate adjustment application to the North Dakota Public Service Commission.

The TCR rate will apply to monthly billed kWh rendered on and after January 1st of the recovery year. The present TCR rate is:

All Customer Classes	\$0.002340 per kWh
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All approved costs appropriately charged to the TCR Tracker Account shall be eligible for recovery through this Rider, and all revenues recovered through the Rider shall be credited to the TCR Tracker Account.

TRUE-UP

For each 12-month period ending December 31, a true-up adjustment to the Tracker Account will be calculated reflecting the difference between actual TCR Rider revenue and the corresponding transmission costs (revenue requirements) for the recovery period. The true-up amount shall be recorded by May 1 of the following calendar year and will be included in the calculation of the TCR rate effective for the next calendar year recovery period.

For example, Year 1 actual Rider revenue will be compared to actual revenue requirements for the same period and the difference recorded as an adjustment to the Tracker Account on or before May 1 of Year 2. This difference would then be included in the calculation of the new TCR rate (application to be filed in Year 2) effective January 1 of Year 3.

Date Filed: 10-01-15

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Case No. PU-15-684

Order Date:

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

	Annual	Monthly
Debt Return %	2.3300%	0.1942%
Equity Return %	5.3900%	0.4492%
Tax RR on Equity Return @ 35.00% CTR	<u>3.2756%</u>	<u>0.2730%</u>
Rate Base Revenue Requirement Factor	10.9956%	0.9163%

		2016						
Days/Month	Pro-Rate Days	Pro-Rate Factor	Monthly DT Expense	Average Mo ADIT	Pro-Rated DT Expense	Average Mo Pro-Rate ADIT	Monthly Basis	Monthly RR 0.047876%
31 Jan	335	0.917808	1,403,361.25	701,680.62	1,288,016.49	644,008.24	57,672.38	27.61
28 Feb	307	0.841096	1,403,035.74	2,104,879.11	1,180,087.59	1,878,060.28	226,818.83	108.59
31 Mar	276	0.756164	1,413,306.13	3,513,050.04	1,068,691.76	3,002,449.96	510,600.09	244.46
30 Apr	246	0.673973	1,422,327.35	4,930,866.78	958,609.67	4,016,100.67	914,766.12	437.95
31 May	215	0.589041	1,414,091.48	6,349,076.20	832,958.00	4,911,884.50	1,437,191.70	688.07
30 Jun	185	0.506849	1,457,721.03	7,784,982.46	738,844.90	5,697,785.95	2,087,196.51	999.27
31 Jul	154	0.421918	1,503,734.52	9,265,710.23	634,452.37	6,384,434.59	2,881,275.64	1,379.44
31 Aug	123	0.336986	1,495,954.13	10,765,554.56	504,116.05	6,953,718.80	3,811,835.76	1,824.96
30 Sep	93	0.254795	1,611,337.15	12,319,200.20	410,559.88	7,411,056.76	4,908,143.43	2,349.83
31 Oct	62	0.169863	1,730,707.18	13,990,222.36	293,983.14	7,763,328.27	6,226,894.09	2,981.20
30 Nov	32	0.087671	1,725,999.78	15,718,575.84	151,320.53	7,985,980.10	7,732,595.73	3,702.07
31 Dec	1	0.002740	1,822,166.62	<u>17,492,659.03</u>	4,992.24	<u>8,064,136.48</u>	9,428,522.55	4,514.01
365	Totals			104,936,457.43		64,712,944.60	40,223,512.83	19,257.47
			Mth RR Factor	<u>0.9163%</u>		<u>0.9163%</u>	0.9163%	
			Annual RR	(961,532.31)		(592,964.43)	(368,567.88)	
			Total Company RR Adjustment			368,567.88		

Input Data
 Monthly DT Expense

2016	
Jan	1,403,361
Feb	1,403,036
Mar	1,413,306
Apr	1,422,327
May	1,414,091
Jun	1,457,721
Jul	1,503,735
Aug	1,495,954
Sep	1,611,337
Oct	1,730,707
Nov	1,726,000
Dec	1,822,167

ND Transmission Demand	6.2102%
NSPM Interchange Demand	<u>84.1349%</u>
Net ND Allocation	5.2249%

ND Jurisdiction RR Adjustment	19,257.47
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Northern States Power Company
 State of North Dakota
 Transmission Cost Recovery Rider (TCR)
 ADIT Adjustment - Pro-Rate Method

	Annual	Monthly
Debt Return %	2.3300%	0.1942%
Equity Return %	5.3900%	0.4492%
Tax RR on Equity Return @ 35.00% CTR	<u>3.2756%</u>	<u>0.2730%</u>
Rate Base Revenue Requirement Factor	10.9956%	0.9163%

2017								
Days/Month	Pro-Rate Days	Pro-Rate Factor	Monthly DT Expense	Average Mo ADIT	Pro-Rated DT Expense	Average Mo Pro-Rate ADIT	Monthly Basis	Monthly RR 0.048021%
31 Jan	335	0.917808	1,495,453.13	747,726.57	1,372,539.18	686,269.59	61,456.98	29.42
28 Feb	307	0.841096	1,485,158.39	2,238,032.33	1,249,160.62	1,997,119.49	240,912.84	115.34
31 Mar	276	0.756164	1,475,836.68	3,718,529.86	1,115,975.14	3,179,687.36	538,842.50	257.98
30 Apr	246	0.673973	1,470,094.47	5,191,495.44	990,803.40	4,233,076.63	958,418.81	458.85
31 May	215	0.589041	1,463,762.41	6,658,423.88	862,216.21	5,159,586.44	1,498,837.45	717.59
30 Jun	185	0.506849	1,477,718.88	8,129,164.53	748,980.80	5,965,184.95	2,163,979.59	1,036.03
31 Jul	154	0.421918	1,491,520.01	9,613,783.98	629,298.85	6,654,324.77	2,959,459.20	1,416.88
31 Aug	123	0.336986	1,483,831.27	11,101,459.62	500,030.81	7,218,989.61	3,882,470.01	1,858.78
30 Sep	93	0.254795	1,510,670.65	12,598,710.58	384,910.60	7,661,460.32	4,937,250.27	2,363.77
31 Oct	62	0.169863	1,538,114.16	14,123,102.99	261,268.71	7,984,549.97	6,138,553.02	2,938.90
30 Nov	32	0.087671	1,530,642.54	15,657,481.34	134,193.32	8,182,280.98	7,475,200.36	3,578.84
31 Dec	1	0.002740	3,030,436.43	<u>17,938,020.83</u>	8,302.57	<u>8,253,528.93</u>	9,684,491.90	4,636.56
365		Totals		107,715,931.96		67,176,059.03	40,539,872.93	19,408.93
				Mth RR Factor		<u>0.9163%</u>	0.9163%	
				Annual RR	(987,000.62)	(615,533.94)	(371,466.68)	
				Total Company RR Adjustment		371,466.68		

Input Data
 Monthly DT Expense

2017	
Jan	1,495,453
Feb	1,485,158
Mar	1,475,837
Apr	1,470,094
May	1,463,762
Jun	1,477,719
Jul	1,491,520
Aug	1,483,831
Sep	1,510,671
Oct	1,538,114
Nov	1,530,643
Dec	3,030,436

ND Transmission Demand	6.2388%
NSPM Interchange Demand	<u>84.0028%</u>
Net ND Allocation	5.2408%

ND Jurisdiction RR Adjustment	19,467.70
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