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December 5, 2017

**--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: 2018 TRANSMISSION COST RECOVERY RIDER RATE - UPDATE  
CASE NO. PU-17-365

Dear Mr. Nitschke:

Northern States Power Company, doing business as Xcel Energy, submits the enclosed update to our 2018 Transmission Cost Recovery (TCR) rate adjustment application. In response to Staff's review of our initial application and their subsequent findings, we are making adjustments to the revenue requirement calculations related to four projects. The revisions will result in a 2018 total TCR revenue requirement of \$7,393,329, a decrease of \$60,819 from the original petition.

As we acknowledged in the November 28, 2017 informal hearing and our response to Staff Data Request No. 1-7, the TCR eligibility date for two new projects proposed for 2018, the *Hollydale Dist. 115 kV* project and the *End of Life Replacement - Lines* program, were inadvertently set at January 1, 2017 instead of January 1, 2018.<sup>1</sup> The enclosed attachments reflect the corrected eligibility dates, reducing the 2017 revenue requirements for *Hollydale Dist. 115 kV* by \$10,514 and the *ELR – Line* program by \$18,145. A third project, the new *NSPM Major Line Refurbishment* program, was also found to have a January 1, 2017 eligibility date which removed \$140 in 2017 revenue requirements.

In addition, we acknowledged in the November 28, 2017 informal hearing and our response to Staff Data Request No. 2-3 that one workorder from the *Storm and Emergency – NSP Line* program had been included in both base rates and our TCR rider revenue requirements beginning in 2016.<sup>2</sup> The *Storm and Emergency – NSP Line* program had an \$11,000 revenue requirement included in the 2013 Test Year of our last rate case and therefore this amount should have been included in the “base rate offset” amount subtracted from each year's TCR revenue requirements. Line 45 on each of Attachments 5-7 (for the 2016-2018 periods,

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<sup>1</sup> This response was also included as Attachment B to the Staff Memo docketed on November 20, 2017.

<sup>2</sup> This response was also included as Attachment C to the Staff Memo docketed on November 20, 2017.

respectively) in this Update Filing show the \$11,000 higher base rate offset amount of \$1,811,376.

Lastly, we note that re-running the above corrections through our more refined TCR revenue requirement model resulted in a final revenue requirement that is \$840 more than the estimates shown at the informal hearing for the adjusted projects discussed above.

In conclusion, similar to what we disclosed at the Informal Hearing, the updated rate reflecting the above-noted changes is \$0.003270 (compared to the \$0.003297 in our original petition). The typical residential bill impact of the 2018 TCR rate will be approximately \$2.45 per month, or about 3 cents higher than the 2017 charge. We include the following updated attachments showing the impact of the changes:

- Attachment 4: Annual Tracker Summary
- Attachment 5: 2016 Tracker
- Attachment 6: 2017 Tracker
- Attachment 7: 2018 Tracker
- Attachment 8: 2019 Tracker
- Attachment 9: 2018 TCR Rate Calculation
- Attachment 10: ND Electric Sales by Calendar Month (Revenues)
- Attachment 12: 2018 Revenue Requirement by Project by Month
- Attachment 16: Proposed Tariff Sheet
- Attachment 17: Proposed Customer Notice

We appreciate the Commission's consideration of the revised 2018 TCR revenue requirement. Please contact me if you have any questions or comments.

Sincerely,



DAVID H. SEDERQUIST  
SR. CONSULTANT, REGULATION/FINANCE

c: Sara Cardwell

<b>Annual Tracker Summary</b>					
<b>Amounts in dollars</b>		<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>Line No:</b>		<b>Actual</b>	<b>Mixed</b>	<b>Forecast</b>	<b>Forecast</b>
1	Big Stone-Brookings	193,315	362,389	574,594	550,684
2	Black Dog - Savage	49,099	48,158	48,377	46,850
3	Black Dog - Wilson	-	-	2,845	21,946
4	Bluff Creek - Westgate	103,786	119,090	118,854	114,418
5	CAPX2020 Brookings	3,016,187	2,970,537	2,950,532	2,865,556
6	CAPX2020 - La Crosse Local	345,786	342,091	340,645	330,376
7	CAPX2020 - La Crosse MISO	612,499	706,805	701,178	680,011
8	CAPX2020 - La Crosse MISO - WI	934,974	923,099	920,619	892,451
9	CAPX2020 Fargo	1,510,287	1,478,607	1,460,335	1,413,307
10	Cass County SUB Expansion	29,528	29,022	29,213	28,281
11	Chaska - Hwy 212 Conversion	93,867	91,998	92,967	90,254
12	Chisago 2nd Transformer Addition	38,936	38,173	38,335	37,119
13	Dean Lake Substation	4,454	17,885	20,648	19,795
14	ELR - Breakers - NSPM	3,655	10,523	18,271	23,195
15	ELR - Relay - NSPM	7,389	26,340	70,025	77,663
16	ELR - Transformers - NSPM	23,898	26,533	26,462	25,502
17	Franklin Transformer	38,394	37,705	37,924	36,775
18	Gleason Lake Sub	15,109	20,863	51,869	60,670
19	Glencoe - Waconia	142,169	139,729	138,288	133,875
20	Hollydale Dist. 115kV	-	-	54,659	83,383
21	Kohlman Lake-Goose Lake 2nd ckt	117,289	115,239	113,838	110,282
22	Lake Marion Burnsville	56,243	55,161	55,409	53,656
23	Lawrence to Falls Capacity Enhancement	-	-	15,380	23,694
24	Line ELR - NSPM	-	-	34,072	36,552
25	Maple Lake - Annandale	13,932	15,066	15,091	14,577
26	Maple River 115kV MPC Interconnection	-	1,349	12,061	13,359
27	Maple River Red River	1,969	9,475	48,000	97,564
28	Minn Valley	98,483	96,496	95,301	92,289
29	Minot Load Serving	5,450	27,253	197,784	301,786
30	MISO RECB Sch.26/26a	(1,136,883)	66,171	26,842	(797,918)
31	MPC Fossum IA	-	496	795	964
32	New Prague Area	35,376	35,187	35,302	34,189
33	NSM0953 Galloping Mitigate SPK	35,715	34,909	35,397	34,590
34	NSP Reloc B	17,205	45,940	52,147	57,321
35	NSPM Major Line Rebuild	30,973	30,930	31,022	31,461
36	NSPM Major Line Refurbishment	-	-	3,738	18,544
37	Prairie Sub Expansion	75,428	81,995	81,682	78,436
38	S&E - NSP Line	81,552	164,549	175,955	185,542
39	Scott Cty 345 kV Expansion	131,763	129,549	130,072	125,921
40	Sioux Falls Northern	181,661	182,709	184,792	178,681
41	Wilson Substation Conversion	-	-	2,146	46,194
42	Yankee Reactor	11,773	27,044	31,937	31,215
43	ADIT Pro-Rate	-	27,299	28,365	27,776
44	Transmission Projects	6,921,262	8,536,362	9,103,767	8,328,785
45	Revenue Requirement in Base Rates	(1,811,376)	(1,811,376)	(1,811,376)	(1,811,376)
46	TCR True-up Carryover	577,614	511,332	100,938	-
47	<b>Revenue Requirement (RR)</b>	<b>5,687,500</b>	<b>7,236,319</b>	<b>7,393,329</b>	<b>6,517,409</b>
48	Revenue Collections (RC)	5,176,168	7,135,381	7,393,329	6,517,409
49	<b>Carry Over Balance</b>	<b>511,332</b>	<b>100,938</b>	<b>-</b>	<b>-</b>

2016 Tracker

Line No	Carryover	Amounts in dollars												
		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
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
1	Big Stone-Brookings	6,968	7,461	9,260	11,353	12,596	13,923	15,708	18,833	21,723	23,479	25,304	26,707	193,315
2	Black Dog - Savage	4,149	4,139	4,128	4,118	4,107	4,097	4,086	4,076	4,065	4,055	4,044	4,034	49,099
3	Black Dog - Wilson	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Bluff Creek - Westgate	7,016	7,349	7,819	8,174	8,519	8,771	9,193	9,368	9,541	9,656	9,712	8,667	103,786
5	CAPX2020 Brookings	254,271	254,113	254,458	253,661	252,517	251,813	250,989	249,803	248,916	248,707	248,578	248,362	3,016,187
6	CAPX2020 - La Crosse Local	28,143	28,105	28,326	28,557	28,476	28,971	29,472	29,331	29,296	29,212	29,035	28,862	345,786
7	CAPX2020 - La Crosse MISO	46,746	47,127	48,068	49,424	50,803	51,443	52,567	52,799	53,249	53,407	53,389	53,478	612,499
8	CAPX2020 - La Crosse MISO - WI	78,129	77,858	77,803	77,975	77,923	78,247	78,692	78,606	78,394	77,818	76,934	76,594	934,974
9	CAPX2020 Fargo	127,341	126,866	126,721	126,689	126,459	126,180	125,910	125,591	125,232	124,847	124,449	124,005	1,510,287
10	Cass County SUB Expansion	2,493	2,487	2,481	2,475	2,470	2,464	2,458	2,452	2,446	2,440	2,434	2,428	29,528
11	Chaska - Hwy 212 Conversion	7,974	7,956	7,939	7,924	7,908	7,891	7,879	7,771	7,749	7,713	7,679	7,663	93,867
12	Chisago 2nd Transformer Addition	3,290	3,282	3,275	3,266	3,257	3,249	3,240	3,232	3,224	3,215	3,207	3,198	38,936
13	Dean Lake Substation	(84)	(79)	(70)	(55)	(41)	39	131	285	609	940	1,262	1,517	4,454
14	ELR - Breakers - NSPM	193	193	195	198	203	208	213	333	457	466	486	511	3,655
15	ELR - Relay - NSPM	584	582	581	579	578	577	575	577	586	599	706	865	7,389
16	ELR - Transformers - NSPM	2,350	2,106	2,048	1,914	1,912	1,886	1,860	1,859	1,861	1,969	2,073	2,061	23,898
17	Franklin Transformer	3,243	3,235	3,227	3,219	3,211	3,203	3,196	3,188	3,180	3,172	3,164	3,156	38,394
18	Gleason Lake Sub	1,116	1,080	1,087	1,109	1,148	1,163	1,226	1,242	1,353	1,488	1,532	1,564	15,109
19	Glencoe - Waconia	11,998	11,969	11,941	11,913	11,884	11,862	11,839	11,810	11,781	11,753	11,724	11,696	142,169
20	Hollydale Dist. 115kV	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Kohlman Lake-Goose Lake 2nd ckt	9,900	9,876	9,853	9,829	9,798	9,781	9,771	9,746	9,721	9,696	9,671	9,646	117,289
22	Lake Marion Burnsville	4,753	4,741	4,729	4,717	4,705	4,693	4,681	4,669	4,657	4,645	4,633	4,621	56,243
23	Lawrence to Falls Capacity Enhancement	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Line ELR - NSPM	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Maple Lake - Annandale	999	1,039	1,106	1,162	1,167	1,167	1,176	1,185	1,212	1,242	1,242	1,235	13,932
26	Maple River 115kV MPC Interconnection	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Maple River Red River	110	110	125	143	156	163	176	178	182	192	204	230	1,969
28	Minn Valley	8,322	8,300	8,280	8,260	8,239	8,217	8,196	8,176	8,155	8,134	8,113	8,092	98,483
29	Minot Load Serving	159	187	217	247	272	298	366	427	484	584	1,067	1,143	5,450
30	MISO RECB Sch.26/26a	(131,033)	(120,848)	(121,198)	(89,036)	(65,810)	(96,829)	(68,199)	(5,966)	(137,169)	(97,765)	(72,797)	(130,234)	(1,136,883)
31	MPC Fossum IA	-	-	-	-	-	-	-	-	-	-	-	-	-
32	New Prague Area	2,917	2,942	2,966	2,969	2,965	2,960	2,953	2,945	2,932	2,941	2,945	2,939	35,376
33	NSM0953 Galloping Mitigate SPK	3,004	2,998	2,997	2,996	2,992	2,984	2,978	2,971	2,964	2,957	2,949	2,924	35,715
34	NSP Reloc B	632	643	671	709	592	631	785	1,085	1,490	2,428	3,427	4,112	17,205
35	NSPM Major Line Rebuild	2,396	2,426	2,547	2,578	2,613	2,639	2,651	2,653	2,642	2,623	2,613	2,591	30,973
36	NSPM Major Line Refurbishment	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Prairie Sub Expansion	6,203	6,211	6,510	6,826	7,150	7,283	5,897	5,928	5,860	5,863	5,858	5,840	75,428
38	S&E - NSP Line	4,348	4,284	4,298	4,348	4,388	4,408	5,466	7,042	9,087	10,539	11,367	11,977	81,552
39	Scott Cty 345 kV Expansion	11,110	11,095	11,072	11,045	11,018	10,983	10,966	10,940	10,916	10,898	10,875	10,845	131,763
40	Sioux Falls Northern	13,792	14,114	14,599	15,170	15,573	15,363	15,547	15,616	15,752	15,962	15,501	14,673	181,661
41	Wilson Substation Conversion	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Yankee Reactor	157	159	179	207	280	506	957	1,431	1,749	1,913	2,054	2,181	11,773
43	ADIT Pro-Rate	-	-	-	-	-	-	-	-	-	-	-	-	-
44	Transmission Projects	523,688	534,108	538,238	574,664	600,029	571,143	603,511	670,184	544,293	587,788	615,433	558,183	6,921,262
45	Revenue Requirement in Base Rates	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(1,811,376)
46	TCR True-up Carryover	577,614	577,614	577,614	577,614	577,614	577,614	577,614	577,614	577,614	577,614	577,614	577,614	577,614
47	<b>Revenue Requirement (RR)</b>	<b>950,354</b>	<b>383,160</b>	<b>387,290</b>	<b>423,716</b>	<b>449,081</b>	<b>420,195</b>	<b>452,563</b>	<b>519,236</b>	<b>393,345</b>	<b>436,840</b>	<b>464,485</b>	<b>407,235</b>	<b>5,687,500</b>
48	Revenue Collections (RC)	513,173	446,827	435,196	355,589	397,980	417,968	451,302	467,365	393,733	399,995	401,524	495,517	5,176,168
49	Monthly RR - RC	437,180	(63,666)	(47,906)	68,127	51,101	2,227	1,261	51,871	(387)	36,845	62,961	(88,282)	-
50	Balance (RR - RC + Cumulative CC)	437,180	373,514	325,608	393,735	444,836	447,063	448,324	500,195	499,808	536,652	599,614	511,332	-

2017 Tracker														
Line No	Carryover	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
		Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
	Amounts in dollars													
1	Big Stone-Brookings	25,337	25,287	25,622	26,061	26,803	26,873	31,659	33,065	33,892	34,298	34,471	39,021	362,389
2	Black Dog - Savage	4,069	4,058	4,048	4,038	4,028	4,018	4,008	3,998	3,988	3,978	3,968	3,958	48,158
3	Black Dog - Wilson	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Bluff Creek - Westgate	10,064	10,048	10,026	10,012	9,995	9,951	9,906	9,877	9,847	9,817	9,788	9,758	119,090
5	CAPX2020 Brookings	250,595	249,608	248,862	248,551	248,071	247,507	247,015	246,875	246,696	246,145	245,584	245,030	2,970,537
6	CAPX2020 - La Crosse Local	29,395	29,313	29,243	28,818	28,395	28,333	28,270	28,202	28,133	28,065	27,996	27,927	342,091
7	CAPX2020 - La Crosse MISO	60,412	60,089	59,796	59,255	58,683	58,516	58,513	58,519	58,356	58,212	58,229	58,223	706,805
8	CAPX2020 - La Crosse MISO - WI	77,576	77,720	77,744	77,447	77,123	76,923	76,717	76,531	76,353	76,341	76,322	76,302	923,099
9	CAPX2020 Fargo	124,871	124,561	124,271	123,988	123,699	123,401	123,088	122,774	122,460	122,146	121,831	121,517	1,478,607
10	Cass County SUB Expansion	2,450	2,444	2,438	2,433	2,427	2,421	2,416	2,410	2,404	2,399	2,393	2,387	29,022
11	Chaska - Hwy 212 Conversion	7,771	7,754	7,758	7,771	7,768	7,649	7,632	7,615	7,597	7,579	7,561	7,544	91,998
12	Chisago 2nd Transformer Addition	3,225	3,217	3,209	3,201	3,193	3,185	3,177	3,169	3,161	3,153	3,145	3,137	38,173
13	Dean Lake Substation	1,526	1,578	1,785	1,446	1,451	1,444	1,450	1,444	1,444	1,441	1,438	1,435	17,885
14	ELR - Breakers - NSPM	478	576	732	832	703	721	739	791	960	1,197	1,359	1,436	10,523
15	ELR - Relay - NSPM	752	791	872	1,072	1,294	1,401	1,586	1,912	2,671	3,756	4,750	5,482	26,340
16	ELR - Transformers - NSPM	2,258	2,245	2,232	2,226	2,219	2,213	2,206	2,200	2,193	2,187	2,180	2,174	26,533
17	Franklin Transformer	3,184	3,176	3,169	3,161	3,153	3,146	3,138	3,131	3,123	3,116	3,108	3,100	37,705
18	Gleason Lake Sub	1,488	1,590	1,590	1,649	1,779	2,192	1,614	1,287	1,378	1,605	2,018	2,756	20,863
19	Glencoe - Waconia	11,794	11,767	11,740	11,712	11,685	11,657	11,631	11,604	11,576	11,549	11,521	11,494	139,729
20	Hollydale Dist. 115kV	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Kohlman Lake-Goose Lake 2nd ckt	9,735	9,711	9,687	9,663	9,639	9,615	9,591	9,567	9,543	9,519	9,496	9,472	115,239
22	Lake Marion Burnsville	4,660	4,649	4,637	4,626	4,614	4,603	4,591	4,579	4,568	4,556	4,545	4,533	55,161
23	Lawrence to Falls Capacity Enhancement	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Line ELR - NSPM	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Maple Lake - Annandale	1,274	1,271	1,267	1,264	1,261	1,257	1,254	1,250	1,247	1,244	1,240	1,237	15,066
26	Maple River 115kV MPC Interconnection	(23)	(23)	(22)	(22)	(22)	(19)	15	78	141	204	267	778	1,349
27	Maple River Red River	222	267	300	333	370	417	458	680	1,050	1,379	1,808	2,190	9,475
28	Minn Valley	8,152	8,132	8,112	8,092	8,072	8,051	8,031	8,011	7,991	7,971	7,950	7,930	96,496
29	Minot Load Serving	829	828	1,010	1,110	1,223	1,284	1,674	1,690	2,180	3,246	4,829	7,347	27,253
30	MISO RECB Sch.26/26a	247,816	(14,297)	6,827	(30,841)	(21,821)	21,534	(9,989)	(22,416)	(45,162)	(19,979)	(54,358)	8,856	66,171
31	MPC Fossum IA	(7)	(6)	(4)	3	18	62	98	82	62	62	63	63	496
32	New Prague Area	2,979	2,968	2,961	2,952	2,943	2,935	2,927	2,919	2,912	2,905	2,897	2,890	35,187
33	NSM0953 Galloping Mitigate SPK	2,918	2,910	2,913	2,908	2,904	2,907	2,913	2,913	2,910	2,908	2,905	2,901	34,909
34	NSP Reloc B	4,468	4,112	4,303	2,797	4,017	3,926	3,816	3,744	3,673	3,681	3,695	3,708	45,940
35	NSPM Major Line Rebuild	2,618	2,610	2,600	2,593	2,587	2,580	2,574	2,567	2,560	2,554	2,547	2,540	30,930
36	NSPM Major Line Refurbishment	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Prairie Sub Expansion	6,966	6,942	6,926	6,898	6,858	6,841	6,815	6,793	6,772	6,750	6,728	6,706	81,995
38	S&E - NSP Line	12,972	13,088	13,558	13,957	13,993	13,716	13,724	13,896	13,902	13,908	13,914	13,920	164,549
39	Scott Cty 345 kV Expansion	10,947	10,919	10,892	10,864	10,837	10,809	10,782	10,755	10,727	10,700	10,672	10,645	129,549
40	Sioux Falls Northern	15,107	15,139	15,245	15,395	15,418	15,348	15,275	15,236	15,196	15,156	15,117	15,077	182,709
41	Wilson Substation Conversion	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Yankee Reactor	2,209	2,294	2,503	2,608	2,703	2,086	2,115	2,114	2,110	2,105	2,101	2,096	27,044
43	ADIT Pro-Rate	2,275	2,275	2,275	2,275	2,275	2,275	2,275	2,275	2,275	2,275	2,275	2,275	27,299
44	Transmission Projects	953,382	689,509	711,127	671,148	680,360	721,778	693,703	682,138	660,891	688,128	656,353	727,845	8,536,362
45	Revenue Requirement in Base Rates	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(1,811,376)
46	TCR True-up Carryover	511,332	-	-	-	-	-	-	-	-	-	-	-	511,332
47	<b>Revenue Requirement (RR)</b>	<b>1,313,766</b>	<b>538,561</b>	<b>560,180</b>	<b>520,200</b>	<b>529,412</b>	<b>570,830</b>	<b>542,755</b>	<b>531,190</b>	<b>509,943</b>	<b>537,180</b>	<b>505,405</b>	<b>576,897</b>	<b>7,236,319</b>
48	Revenue Collections (RC)	712,212	569,899	646,667	493,229	536,142	561,142	621,722	621,151	546,091	551,094	590,849	685,183	7,135,381
49	Monthly RR - RC	601,554	(31,338)	(86,487)	26,972	(6,731)	9,688	(78,967)	(89,961)	(36,148)	(13,914)	(85,444)	(108,286)	-
50	Balance (RR - RC + Cumulative CC)	601,554	570,217	483,729	510,701	503,970	513,658	434,691	344,730	308,582	294,668	209,224	100,938	-

2018 Tracker

Line No	Carryover	Amounts in dollars												Annual Total
		Jan-18 Forecast	Feb-18 Forecast	Mar-18 Forecast	Apr-18 Forecast	May-18 Forecast	Jun-18 Forecast	Jul-18 Forecast	Aug-18 Forecast	Sep-18 Forecast	Oct-18 Forecast	Nov-18 Forecast	Dec-18 Forecast	
1		48,947	48,683	48,416	48,205	48,058	47,911	47,764	47,616	47,469	47,322	47,175	47,027	574,594
2		4,086	4,076	4,066	4,056	4,046	4,036	4,026	4,017	4,007	3,997	3,987	3,977	48,377
3		(48)	(44)	(38)	(27)	(4)	32	84	138	200	383	823	1,346	2,845
4		10,062	10,033	10,005	9,976	9,947	9,919	9,890	9,862	9,833	9,804	9,776	9,747	118,854
5		248,896	248,347	247,798	247,250	246,701	246,152	245,603	245,054	244,506	243,957	243,408	242,859	2,950,532
6		28,753	28,686	28,620	28,553	28,487	28,420	28,354	28,287	28,221	28,154	28,088	28,022	340,645
7		58,954	58,789	58,624	58,459	58,293	58,487	58,679	58,513	58,346	58,179	58,011	57,844	701,178
8		77,721	77,539	77,356	77,174	76,992	76,809	76,627	76,445	76,262	76,080	75,898	75,716	920,619
9		123,383	123,076	122,769	122,462	122,155	121,848	121,541	121,234	120,927	120,620	120,313	120,006	1,460,335
10		2,465	2,460	2,454	2,448	2,443	2,437	2,432	2,426	2,420	2,415	2,409	2,404	29,213
11		7,843	7,826	7,808	7,791	7,773	7,756	7,739	7,722	7,704	7,686	7,669	7,651	92,967
12		3,238	3,230	3,222	3,214	3,206	3,199	3,191	3,183	3,175	3,167	3,159	3,151	38,335
13		1,751	1,745	1,740	1,734	1,729	1,723	1,718	1,712	1,707	1,701	1,696	1,690	20,648
14		1,568	1,552	1,516	1,505	1,519	1,523	1,524	1,500	1,506	1,512	1,520	1,526	18,271
15		5,784	5,907	5,837	5,890	5,820	5,881	5,920	5,904	5,931	5,804	5,663	5,682	70,025
16		2,239	2,239	2,227	2,221	2,214	2,208	2,202	2,196	2,190	2,183	2,177	2,171	26,462
17		3,201	3,194	3,186	3,179	3,172	3,164	3,157	3,149	3,142	3,134	3,127	3,119	37,924
18		3,486	3,810	4,160	4,499	4,815	4,280	4,492	4,485	4,476	4,466	4,456	4,446	51,869
19		11,670	11,644	11,617	11,591	11,564	11,537	11,511	11,484	11,457	11,431	11,404	11,377	138,288
20		1,557	1,689	2,087	2,950	3,843	4,572	5,218	5,677	6,164	6,594	6,933	7,374	54,659
21		9,613	9,590	9,567	9,544	9,521	9,498	9,475	9,452	9,429	9,406	9,383	9,360	113,838
22		4,680	4,669	4,657	4,646	4,634	4,623	4,612	4,600	4,589	4,578	4,566	4,555	55,409
23		(118)	14	406	989	1,645	1,677	1,798	1,802	1,798	1,794	1,790	1,786	15,380
24		2,467	2,829	2,885	2,875	2,870	2,865	2,860	2,855	2,863	2,882	2,902	2,921	34,072
25		1,276	1,273	1,269	1,266	1,263	1,259	1,256	1,253	1,249	1,246	1,243	1,239	15,091
26		1,212	971	998	995	993	991	989	987	985	982	980	978	12,061
27		2,455	2,522	2,586	2,651	2,726	2,850	3,268	4,132	5,077	5,809	6,544	7,379	48,000
28		8,049	8,030	8,010	7,991	7,971	7,951	7,932	7,912	7,893	7,873	7,854	7,834	95,301
29		7,879	9,414	10,632	12,149	14,116	16,187	18,691	20,920	22,339	23,660	20,143	21,655	197,784
30		5,189	(13,067)	26,442	(9,078)	28,800	12,686	18,498	(12,019)	11,547	(148)	(19,787)	(22,220)	26,842
31		64	64	64	64	64	64	67	69	69	69	69	69	795
32		2,981	2,974	2,967	2,960	2,953	2,945	2,938	2,931	2,924	2,917	2,909	2,902	35,302
33		2,987	2,980	2,973	2,967	2,960	2,953	2,946	2,940	2,933	2,926	2,919	2,913	35,397
34		4,186	4,198	4,210	4,221	4,233	4,246	4,322	4,378	4,434	4,490	4,549	4,659	52,147
35		2,621	2,615	2,608	2,601	2,595	2,588	2,582	2,575	2,569	2,562	2,556	2,549	31,022
36		213	219	226	232	238	244	251	257	289	347	462	760	3,738
37		6,922	6,901	6,880	6,859	6,838	6,817	6,796	6,775	6,755	6,734	6,713	6,692	81,682
38		14,582	14,552	14,521	14,490	14,459	14,428	14,465	14,517	14,668	14,876	15,083	15,290	175,955
39		10,987	10,960	10,934	10,907	10,880	10,853	10,826	10,799	10,772	10,745	10,718	10,691	130,072
40		15,617	15,577	15,538	15,498	15,459	15,419	15,380	15,340	15,300	15,261	15,221	15,182	184,792
41		(37)	(37)	(37)	(37)	(36)	(36)	(36)	(36)	(36)	251	824	1,398	2,146
42		2,586	2,578	2,569	2,648	2,727	2,719	2,711	2,703	2,694	2,686	2,678	2,638	31,937
43		2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	28,365
44		754,332	736,664	776,741	742,933	783,046	768,133	776,661	748,109	773,146	762,899	740,375	740,727	9,103,767
45		(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(1,811,376)
46		100,938	-	-	-	-	-	-	-	-	-	-	-	100,938
47		<b>704,322</b>	<b>585,716</b>	<b>625,793</b>	<b>591,985</b>	<b>632,098</b>	<b>617,185</b>	<b>625,713</b>	<b>597,161</b>	<b>622,198</b>	<b>611,951</b>	<b>589,427</b>	<b>589,779</b>	<b>7,393,329</b>
48		749,120	626,360	673,385	510,180	551,355	580,170	636,658	634,621	559,469	563,571	608,761	699,678	7,393,329
49		(44,798)	(40,644)	(47,592)	81,805	80,742	37,015	(10,945)	(37,460)	62,729	48,380	(19,334)	(109,899)	
50		(44,798)	(85,442)	(133,033)	(51,228)	29,514	66,529	55,584	18,124	80,853	129,233	109,899	(0)	

2019 Tracker

Line No	Carryover	Amounts in dollars												Annual Total
		Jan-19 Forecast	Feb-19 Forecast	Mar-19 Forecast	Apr-19 Forecast	May-19 Forecast	Jun-19 Forecast	Jul-19 Forecast	Aug-19 Forecast	Sep-19 Forecast	Oct-19 Forecast	Nov-19 Forecast	Dec-19 Forecast	
1	Big Stone-Brookings	46,634	46,499	46,364	46,228	46,093	45,958	45,823	45,688	45,552	45,417	45,282	45,147	550,684
2	Black Dog - Savage	3,956	3,947	3,937	3,928	3,918	3,909	3,899	3,890	3,881	3,871	3,862	3,852	46,850
3	Black Dog - Wilson	1,477	1,684	1,855	1,987	2,104	1,754	1,847	1,856	1,851	1,847	1,843	1,839	21,946
4	Bluff Creek - Westgate	9,681	9,654	9,628	9,601	9,575	9,548	9,521	9,495	9,468	9,442	9,415	9,389	114,418
5	CAPX2020 Brookings	241,659	241,138	240,618	240,097	239,577	239,057	238,536	238,016	237,495	236,975	236,454	235,934	2,865,556
6	CAPX2020 - La Crosse Local	27,878	27,815	27,752	27,689	27,626	27,563	27,500	27,437	27,374	27,311	27,248	27,185	330,376
7	CAPX2020 - La Crosse MISO	57,529	57,373	57,216	57,059	56,903	56,746	56,589	56,433	56,276	56,119	55,962	55,806	680,011
8	CAPX2020 - La Crosse MISO - WI	75,321	75,148	74,975	74,803	74,630	74,457	74,285	74,112	73,939	73,766	73,594	73,421	892,451
9	CAPX2020 Fargo	119,393	119,099	118,805	118,511	118,217	117,923	117,629	117,334	117,040	116,746	116,452	116,158	1,413,307
10	Cass County SUB Expansion	2,382	2,377	2,373	2,368	2,364	2,359	2,354	2,350	2,345	2,341	2,336	2,332	28,281
11	Chaska - Hwy 212 Conversion	7,612	7,595	7,579	7,562	7,546	7,529	7,513	7,496	7,480	7,464	7,447	7,431	90,254
12	Chisago 2nd Transformer Addition	3,134	3,127	3,119	3,112	3,104	3,097	3,090	3,082	3,075	3,067	3,060	3,052	37,119
13	Dean Lake Substation	1,677	1,672	1,667	1,662	1,657	1,652	1,647	1,642	1,637	1,632	1,627	1,622	19,795
14	ELR - Breakers - NSPM	1,646	1,698	1,750	1,802	1,855	1,907	1,959	2,012	2,064	2,116	2,168	2,220	23,195
15	ELR - Relay - NSPM	6,380	6,396	6,433	6,465	6,474	6,489	6,503	6,513	6,523	6,533	6,541	6,549	77,663
16	ELR - Transformers - NSPM	2,157	2,150	2,145	2,140	2,134	2,128	2,122	2,117	2,111	2,105	2,099	2,094	25,502
17	Franklin Transformer	3,104	3,096	3,089	3,082	3,075	3,068	3,061	3,054	3,047	3,040	3,033	3,026	36,775
18	Gleason Lake Sub	5,145	5,129	5,112	5,096	5,080	5,064	5,048	5,032	5,015	4,999	4,983	4,967	60,670
19	Glencoe - Waconia	11,276	11,254	11,233	11,211	11,189	11,167	11,145	11,124	11,102	11,080	11,058	11,036	133,875
20	Hollydale Dist. 115KV	8,030	6,679	6,895	6,982	7,011	6,838	6,853	6,844	6,832	6,819	6,806	6,793	83,383
21	Kohlman Lake-Goose Lake 2nd ckt	9,310	9,289	9,267	9,245	9,223	9,201	9,179	9,157	9,135	9,114	9,092	9,070	110,282
22	Lake Marion Burnsville	4,531	4,520	4,509	4,498	4,488	4,477	4,466	4,455	4,444	4,433	4,423	4,412	53,656
23	Lawrence to Falls Capacity Enhancement	2,009	2,003	1,997	1,990	1,984	1,978	1,971	1,965	1,959	1,952	1,946	1,940	23,694
24	Line ELR - NSPM	3,080	3,074	3,068	3,062	3,055	3,049	3,043	3,037	3,030	3,024	3,018	3,012	36,552
25	Maple Lake - Annandale	1,232	1,229	1,226	1,223	1,219	1,216	1,213	1,210	1,207	1,204	1,201	1,197	14,577
26	Maple River 115KV MPC Interconnection	1,133	1,129	1,126	1,122	1,119	1,115	1,111	1,108	1,104	1,101	1,097	1,094	13,359
27	Maple River Red River	7,893	8,556	8,991	9,267	7,731	7,914	7,905	7,890	7,876	7,862	7,847	7,833	97,564
28	Minn Valley	7,793	7,774	7,756	7,737	7,719	7,700	7,681	7,663	7,644	7,626	7,607	7,588	92,289
29	Minot Load Serving	25,492	25,488	25,441	25,361	25,281	25,201	25,121	25,041	24,961	24,881	24,801	24,721	301,786
30	MISO RECB Sch.26/26a	(66,115)	(77,531)	(35,050)	(69,477)	(33,688)	(63,046)	(64,894)	(96,774)	(58,331)	(64,737)	(82,983)	(85,291)	(797,918)
31	MPC Fossum IA	82	82	81	81	81	80	80	80	80	79	79	79	964
32	New Prague Area	2,887	2,880	2,873	2,866	2,859	2,853	2,846	2,839	2,832	2,825	2,818	2,812	34,189
33	NSM0953 Galloping Mitigate SPK	2,894	2,892	2,890	2,888	2,885	2,883	2,881	2,879	2,877	2,875	2,873	2,873	34,590
34	NSP Reloc B	4,606	4,619	4,633	4,646	4,660	4,674	4,687	4,700	4,713	4,726	4,739	4,752	57,321
35	NSPM Major Line Rebuild	2,551	2,592	2,611	2,612	2,614	2,615	2,617	2,621	2,625	2,629	2,633	2,637	31,461
36	NSPM Major Line Refurbishment	990	1,307	1,523	1,667	1,742	1,443	1,540	1,537	1,617	1,697	1,694	1,789	18,544
37	Prairie Sub Expansion	6,643	6,623	6,604	6,585	6,565	6,546	6,527	6,507	6,488	6,469	6,449	6,430	78,436
38	S&E - NSP Line	15,388	15,356	15,324	15,292	15,260	15,228	15,196	15,164	15,132	15,100	15,068	15,036	185,542
39	Scott Cty 345 kv Expansion	10,634	10,608	10,583	10,557	10,532	10,506	10,481	10,455	10,430	10,404	10,379	10,353	125,921
40	Sioux Falls Northern	15,095	15,058	15,021	14,983	14,946	14,909	14,871	14,834	14,797	14,759	14,722	14,685	178,681
41	Wilson Substation Conversion	1,022	1,316	1,755	2,339	2,923	3,507	4,092	4,677	5,262	5,848	6,434	7,020	46,194
42	Yankee Reactor	2,645	2,637	2,629	2,621	2,613	2,605	2,597	2,589	2,581	2,573	2,565	2,557	31,215
43	ADIT Pro-Rate	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	2,315	27,776
44	Transmission Projects	700,181	687,348	729,717	694,867	728,255	697,227	694,586	661,734	699,386	692,188	673,127	670,170	8,328,785
45	Revenue Requirement in Base Rates	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(150,948)	(1,811,376)
46	TCR True-up Carryover	-	-	-	-	-	-	-	-	-	-	-	-	-
47	<b>Revenue Requirement (RR)</b>	<b>549,233</b>	<b>536,400</b>	<b>578,769</b>	<b>543,919</b>	<b>577,307</b>	<b>546,279</b>	<b>543,638</b>	<b>510,786</b>	<b>548,438</b>	<b>541,240</b>	<b>522,179</b>	<b>519,222</b>	<b>6,517,409</b>
48	Revenue Collections (RC)	659,586	552,612	593,074	450,011	486,164	510,834	561,815	558,602	493,103	496,582	537,927	617,101	6,517,409
49	Monthly RR - RC	(110,353)	(16,212)	(14,306)	93,908	91,143	35,445	(18,176)	(47,816)	55,335	44,658	(15,748)	(97,878)	-
50	Balance (RR - RC + Cumulative CC)	(110,353)	(126,565)	(140,870)	(46,962)	44,181	79,626	61,449	13,633	68,968	113,626	97,878	0	-

**Northern States Power Company**  
**North Dakota Transmission Cost Recovery Rider**  
**Projected 2018 effective January 1, 2018**

Line No	Description	All Classes
1	North Dakota Net Annual Cost (1)	\$7,393,329 From Line 47 of Attachment 4
2	Forecasted North Dakota MWH (2)	2,261,208 From Line 2 of Attachment 10
3	Total Factor / kWh	\$0.003270 (Line 1 /Line 2)/1,000
4	Residential bill impact / Month (3)	\$2.45 Line 3 * 750 kWh

**Notes:**

- (1) Annual cost includes true-up adjustment to Tracker Account for the previous year's over- or under-recovery. See Attachment 4 for details.  
 (2) Reflects calendar month sales. See Attachment 10 for detail  
 (3) Assumes 750 kWh per month.

**Northern States Power Company**  
**North Dakota Transmission Cost Recovery Rider**  
**2017 Approved Rate**

Line No	Description	All Classes
17	North Dakota Net Annual Cost (1)	\$7,263,124
18	Forecasted North Dakota MWH (2)	2,255,537
19	Total Factor / kWh	\$0.003220 Per ND Order dated 12.14.16
20	Residential bill impact / Month (3)	\$2.42 Line 19 * 750 kWh

**Notes:**

- (1) Annual cost includes true-up adjustment to Tracker Account for the previous year's over- or under-recovery.  
 (2) Reflects calendar month sales.  
 (3) Assumes 750 kWh per month.

North Dakota Calendar Month Electric Sales (MWh)  
 2018 Budget

Line No	ANNUAL Summary:											Rate	Revenues (\$)	
	Residential w/o Sp Heat	Residential w/ Sp Heat	Total Residential	Small C&I	Large C&I	Total C&I	Street Lighting	Public Authority	Interdept	Total Other	Total Retail			
1	<b>2017</b>	258,985	115,326	374,311	548,948	185,538	734,486	7,533	6,679	0	14,212	1,123,009		
2	<b>2018</b>	514,089	265,059	779,148	1,092,505	361,495	1,454,000	14,720	13,341	0	28,061	2,261,208		
3	<b>2019</b>	514,635	266,944	781,579	1,097,241	362,750	1,459,990	14,810	13,341	0	28,151	2,269,720		
4														
5														
6														
7	<b>Jul-17</b>	47,992	13,275	61,267	96,752	33,122	129,874	720	1,221	0	1,941	193,081	0.003220	621,722
8	<b>Aug-17</b>	47,922	13,424	61,346	95,602	33,791	129,393	929	1,236	0	2,165	192,904	0.003220	621,151
9	<b>Sep-17</b>	36,339	12,636	48,975	86,552	31,775	118,326	1,125	1,167	0	2,292	169,593	0.003220	546,091
10	<b>Oct-17</b>	35,884	16,195	52,079	85,844	30,955	116,799	1,325	945	0	2,269	171,147	0.003220	551,094
11	<b>Nov-17</b>	40,600	24,720	65,320	86,427	29,071	115,498	1,706	969	0	2,675	183,494	0.003220	590,849
12	<b>Dec-17</b>	50,248	35,076	85,324	97,771	26,824	124,596	1,728	1,142	0	2,870	212,790	0.003220	685,183
13	<b>Total 17</b>	258,985	115,326	374,311	548,948	185,538	734,486	7,533	6,679	0	14,212	1,123,009	0.003220	3,616,091
14														
15	<b>Jan-18</b>	56,025	41,783	97,808	102,217	26,124	128,342	1,746	1,218	0	2,964	229,114	0.003270	749,120
16	<b>Feb-18</b>	44,436	34,418	78,854	82,820	27,524	110,343	1,467	904	0	2,371	191,569	0.003270	626,360
17	<b>Mar-18</b>	44,537	29,988	74,525	99,298	29,830	129,127	1,072	1,226	0	2,298	205,951	0.003270	673,385
18	<b>Apr-18</b>	33,337	15,558	48,895	75,422	29,584	105,006	1,168	967	0	2,135	156,036	0.003270	510,180
19	<b>May-18</b>	35,015	13,352	48,367	87,715	30,477	118,191	873	1,198	0	2,071	168,629	0.003270	551,355
20	<b>Jun-18</b>	41,521	12,199	53,720	89,983	31,776	121,759	814	1,148	0	1,963	177,442	0.003270	580,170
21	<b>Jul-18</b>	48,159	13,743	61,902	97,634	33,237	130,871	724	1,221	0	1,945	194,718	0.003270	636,658
22	<b>Aug-18</b>	47,937	13,606	61,543	96,474	33,908	130,382	935	1,236	0	2,171	194,095	0.003270	634,621
23	<b>Sep-18</b>	36,350	13,236	49,586	87,341	31,885	119,226	1,132	1,167	0	2,299	171,111	0.003270	559,469
24	<b>Oct-18</b>	35,895	16,504	52,399	86,626	31,062	117,689	1,333	945	0	2,278	172,365	0.003270	563,571
25	<b>Nov-18</b>	40,613	25,403	66,016	88,312	29,172	117,484	1,716	969	0	2,686	186,186	0.003270	608,761
26	<b>Dec-18</b>	50,263	35,269	85,532	98,663	26,918	125,580	1,738	1,142	0	2,880	213,993	0.003270	699,678
27	<b>Total 18</b>	514,089	265,059	779,148	1,092,505	361,495	1,454,000	14,720	13,341	0	28,061	2,261,208	0.003270	7,393,329
28														
29	<b>Jan-19</b>	56,051	41,893	97,944	102,570	26,215	128,785	1,757	1,218	0	2,975	229,704	0.002871	659,586
30	<b>Feb-19</b>	44,456	34,573	79,029	83,422	27,619	111,041	1,476	904	0	2,380	192,450	0.002871	552,612
31	<b>Mar-19</b>	44,557	30,106	74,663	99,640	29,933	129,573	1,079	1,226	0	2,305	206,541	0.002871	593,074
32	<b>Apr-19</b>	33,352	15,856	49,208	75,683	29,686	105,369	1,175	967	0	2,142	156,718	0.002871	450,011
33	<b>May-19</b>	35,031	13,603	48,634	88,017	30,582	118,599	879	1,198	0	2,076	169,309	0.002871	486,164
34	<b>Jun-19</b>	41,540	12,213	53,753	90,293	31,886	122,180	819	1,148	0	1,968	177,901	0.002871	510,834
35	<b>Jul-19</b>	48,495	13,887	62,382	97,971	33,352	131,323	729	1,221	0	1,950	195,655	0.002871	561,815
36	<b>Aug-19</b>	47,959	13,569	61,527	96,806	34,026	130,832	940	1,236	0	2,176	194,536	0.002871	558,602
37	<b>Sep-19</b>	36,367	13,416	49,782	87,642	31,995	119,637	1,139	1,167	0	2,306	171,726	0.002871	493,103
38	<b>Oct-19</b>	35,912	16,645	52,556	86,925	31,170	118,095	1,341	945	0	2,286	172,937	0.002871	496,582
39	<b>Nov-19</b>	40,631	25,466	66,098	89,269	29,273	118,542	1,727	969	0	2,696	187,336	0.002871	537,927
40	<b>Dec-19</b>	50,286	35,718	86,004	99,003	27,011	126,014	1,749	1,142	0	2,891	214,908	0.002871	617,101
41	<b>Total 19</b>	514,635	266,944	781,579	1,097,241	362,750	1,459,990	14,810	13,341	0	28,151	2,269,720	0.002871	6,517,409

Amounts in dollars

NSMP Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Big Stone-Brookings</b>													
CWIP Balance													
Plant In-Service	74,563,213	74,385,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213	74,184,213
Depreciation Reserve	214,575	328,795	442,707	556,456	670,205	783,953	897,702	1,011,451	1,125,199	1,238,948	1,352,697	1,466,445	1,466,445
Accumulated Deferred Taxes	1,136,275	1,322,653	1,509,032	1,695,410	1,881,789	2,068,167	2,254,546	2,440,924	2,627,302	2,813,681	3,000,059	3,186,438	3,186,438
Average Rate Base	73,457,812	72,973,064	72,483,119	72,082,410	71,782,283	71,482,156	71,182,029	70,881,902	70,581,775	70,281,648	69,981,521	69,681,393	69,681,393
Tax Depreciation Expense	569,911	569,911	569,911	569,911	569,911	569,911	569,911	569,911	569,911	569,911	569,911	569,911	6,838,930
CPI-TAX INTEREST													
Debt Return	142,631	141,689	140,738	139,960	139,377	138,795	138,212	137,629	137,046	136,464	135,881	135,298	1,663,719
Equity Return	329,948	327,771	325,570	323,770	322,422	321,074	319,726	318,378	317,030	315,682	314,334	312,986	3,848,690
Current Income Tax Requirement	37,034	35,529	34,004	32,811	31,991	31,172	30,353	29,533	28,714	27,895	27,075	26,256	372,367
Book Depreciation	114,520	114,220	113,912	113,749	113,749	113,749	113,749	113,749	113,749	113,749	113,749	113,749	1,366,391
AFUDC													
Deferred Taxes	186,378	186,378	186,378	186,378	186,378	186,378	186,378	186,378	186,378	186,378	186,378	186,378	2,236,541
Property Tax Expense	103,634	103,634	103,634	103,634	103,634	103,634	103,634	103,634	103,634	103,634	103,634	103,634	1,243,602
Total Revenue Requirement	914,144	909,221	904,236	900,301	897,551	894,801	892,051	889,301	886,551	883,801	881,051	878,300	10,731,309
Rider Revenue Requirement	48,947	48,683	48,416	48,205	48,058	47,911	47,764	47,616	47,469	47,322	47,175	47,027	574,594
<b>Black Dog - Savage</b>													
CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant In-Service	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629	10,299,629
Depreciation Reserve	695,404	712,159	728,914	745,669	762,424	779,179	795,934	812,688	829,443	846,198	862,953	879,708	879,708
Accumulated Deferred Taxes	2,359,638	2,369,050	2,378,462	2,387,874	2,397,287	2,406,699	2,416,111	2,425,523	2,434,936	2,444,348	2,453,760	2,463,172	2,463,172
Average Rate Base	7,257,671	7,231,504	7,205,337	7,179,170	7,153,002	7,126,835	7,100,668	7,074,501	7,048,334	7,022,167	6,995,999	6,969,832	6,969,832
Tax Depreciation Expense	39,705	39,705	39,705	39,705	39,705	39,705	39,705	39,705	39,705	39,705	39,705	39,705	39,705
CPI-TAX INTEREST													
Debt Return	14,092	14,041	13,990	13,940	13,889	13,838	13,787	13,736	13,686	13,635	13,584	13,533	165,750
Equity Return	32,599	32,482	32,364	32,246	32,129	32,011	31,894	31,776	31,659	31,541	31,424	31,306	383,431
Current Income Tax Requirement	11,584	11,513	11,442	11,370	11,299	11,227	11,156	11,084	11,013	10,942	10,870	10,799	134,299
Book Depreciation	16,755	16,755	16,755	16,755	16,755	16,755	16,755	16,755	16,755	16,755	16,755	16,755	201,059
AFUDC													
Deferred Taxes	9,412	9,412	9,412	9,412	9,412	9,412	9,412	9,412	9,412	9,412	9,412	9,412	112,947
Property Tax Expense	14,279	14,279	14,279	14,279	14,279	14,279	14,279	14,279	14,279	14,279	14,279	14,279	171,346
OATT Credit	22,410	22,355	22,301	22,246	22,192	22,138	22,083	22,029	21,974	21,920	21,865	21,811	265,325
Total Revenue Requirement	76,312	76,126	75,941	75,756	75,570	75,385	75,200	75,014	74,829	74,644	74,458	74,273	903,507
Rider Revenue Requirement	4,086	4,076	4,066	4,056	4,046	4,036	4,026	4,017	4,007	3,997	3,987	3,977	48,377
<b>Black Dog - Wilson</b>													
CWIP Balance	5,000	13,000	25,000	50,000	100,000	175,000	275,000	360,000	485,000	985,000	1,990,000	2,770,000	7,233,000
Plant In-Service													
Depreciation Reserve													
Accumulated Deferred Taxes	(576)	(1,153)	(1,729)	(2,306)	(2,882)	(3,459)	(4,035)	(4,612)	(5,188)	(5,764)	(6,341)	(6,917)	(6,917)
Average Rate Base	2,788	9,865	20,441	39,518	77,594	140,670	228,747	321,823	427,400	740,476	1,493,553	2,386,629	2,386,629
Tax Depreciation Expense													
CPI-TAX INTEREST	7	26	55	108	217	398	651	920	1,225	2,130	4,306	6,892	6,892
Debt Return	5	19	40	77	151	273	444	625	830	1,438	2,900	4,634	11,435
Equity Return	13	44	92	177	349	632	1,027	1,446	1,920	3,326	6,709	10,720	26,454
Current Income Tax Requirement	(338)	(308)	(261)	(177)	(7)	275	670	1,087	1,561	2,965	6,344	10,353	22,166
Book Depreciation													
AFUDC													
Deferred Taxes	(576)	(576)	(576)	(576)	(576)	(576)	(576)	(576)	(576)	(576)	(576)	(576)	(6,917)
Property Tax Expense													
OATT Credit													
Total Revenue Requirement	(897)	(821)	(706)	(499)	(84)	604	1,565	2,581	3,734	7,153	15,376	25,131	53,137
Rider Revenue Requirement	(48)	(44)	(38)	(27)	(4)	32	84	138	200	383	823	1,346	2,845

Line 1 Att 4

Line 2 Att 4

Line 3 Att 4

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Bluff Creek - Westgate</b>													
CWIP Balance													
Plant In-Service	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341	21,942,341
Depreciation Reserve	591,727	624,239	656,751	689,262	721,774	754,286	786,798	819,310	851,822	884,334	916,846	949,358	949,358
Accumulated Deferred Taxes	2,287,703	2,330,676	2,373,648	2,416,621	2,459,594	2,502,567	2,545,540	2,588,513	2,631,486	2,674,458	2,717,431	2,760,404	2,760,404
Average Rate Base	19,100,653	19,025,169	18,949,684	18,874,199	18,798,714	18,723,230	18,647,745	18,572,260	18,496,775	18,421,291	18,345,806	18,270,321	18,270,321
Tax Depreciation Expense	137,717	137,717	137,717	137,717	137,717	137,717	137,717	137,717	137,717	137,717	137,717	137,717	137,717
CPI-TAX INTEREST													
Debt Return	37,087	36,941	36,794	36,647	36,501	36,354	36,208	36,061	35,915	35,768	35,621	35,475	435,372
Equity Return	85,794	85,455	85,116	84,777	84,438	84,099	83,759	83,420	83,081	82,742	82,403	82,064	1,007,148
Current Income Tax Requirement	14,320	14,114	13,908	13,702	13,496	13,289	13,083	12,877	12,671	12,465	12,259	12,053	158,237
Book Depreciation	32,512	32,512	32,512	32,512	32,512	32,512	32,512	32,512	32,512	32,512	32,512	32,512	390,143
AFUDC													
Deferred Taxes	42,973	42,973	42,973	42,973	42,973	42,973	42,973	42,973	42,973	42,973	42,973	42,973	515,674
Property Tax Expense	30,420	30,420	30,420	30,420	30,420	30,420	30,420	30,420	30,420	30,420	30,420	30,420	365,035
OATT Credit	55,185	55,028	54,871	54,714	54,557	54,400	54,243	54,086	53,929	53,772	53,615	53,458	651,855
Total Revenue Requirement	187,920	187,385	186,851	186,316	185,781	185,247	184,712	184,177	183,643	183,108	182,573	182,039	2,219,753
Rider Revenue Requirement	10,062	10,033	10,005	9,976	9,947	9,919	9,890	9,862	9,833	9,804	9,776	9,747	118,854
Line 4 Att 4													
<b>CAPX2020 Brookings</b>													
CWIP Balance													
Plant In-Service	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Depreciation Reserve	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346	474,746,346
Accumulated Deferred Taxes	29,348,926	30,047,171	30,745,416	31,443,661	32,141,907	32,840,152	33,538,397	34,236,642	34,934,887	35,633,132	36,331,377	37,029,622	37,029,622
Average Rate Base	93,858,571	94,278,911	94,699,250	95,119,590	95,539,930	95,960,270	96,380,609	96,800,949	97,221,289	97,641,628	98,061,968	98,482,308	98,482,308
Tax Depreciation Expense	352,098,141	350,979,556	349,860,972	348,742,387	347,623,802	346,505,217	345,386,633	344,268,048	343,149,463	342,030,878	340,912,294	339,793,709	339,793,709
CPI-TAX INTEREST													
Debt Return	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	1,702,065	20,424,781
Equity Return	683,657	681,485	679,313	677,141	674,970	672,798	670,626	668,454	666,282	664,110	661,938	659,766	8,060,540
Current Income Tax Requirement	1,581,507	1,576,483	1,571,459	1,566,435	1,561,410	1,556,386	1,551,362	1,546,337	1,541,313	1,536,289	1,531,264	1,526,240	18,646,485
Book Depreciation	606,557	603,503	600,450	597,396	594,343	591,289	588,235	585,182	582,128	579,075	576,021	572,968	7,077,147
AFUDC													
Deferred Taxes	698,245	698,245	698,245	698,245	698,245	698,245	698,245	698,245	698,245	698,245	698,245	698,245	8,378,941
Property Tax Expense	420,340	420,340	420,340	420,340	420,340	420,340	420,340	420,340	420,340	420,340	420,340	420,340	5,044,076
OATT Credit	658,161	658,161	658,161	658,161	658,161	658,161	658,161	658,161	658,161	658,161	658,161	658,161	7,897,929
Total Revenue Requirement	4,648,467	4,638,217	4,627,967	4,617,718	4,607,468	4,597,218	4,586,968	4,576,719	4,566,469	4,556,219	4,545,969	4,535,719	55,105,118
Rider Revenue Requirement	248,896	248,347	247,798	247,250	246,701	246,152	245,603	245,054	244,506	243,957	243,408	242,859	2,950,532
Line 5 Att 4													
<b>CAPX2020 - La Crosse Local</b>													
CWIP Balance													
Plant In-Service	0	0	0	0	0	0	0	0	0	0	0	0	0
Depreciation Reserve	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328	69,033,328
Accumulated Deferred Taxes	3,096,840	3,200,118	3,303,395	3,406,673	3,509,951	3,613,228	3,716,506	3,819,783	3,923,061	4,026,339	4,129,616	4,232,894	4,232,894
Average Rate Base	13,022,476	13,094,440	13,166,403	13,238,367	13,310,331	13,382,294	13,454,258	13,526,221	13,598,185	13,670,149	13,742,112	13,814,076	13,814,076
Tax Depreciation Expense	53,001,632	52,826,391	52,651,150	52,475,909	52,300,668	52,125,426	51,950,185	51,774,944	51,599,703	51,424,462	51,249,220	51,073,979	51,073,979
CPI-TAX INTEREST													
Debt Return	277,126	277,126	277,126	277,126	277,126	277,126	277,126	277,126	277,126	277,126	277,126	277,126	277,126
Equity Return	102,912	102,571	102,231	101,891	101,550	101,210	100,870	100,530	100,189	99,849	99,509	99,169	1,212,481
Current Income Tax Requirement	238,066	237,279	236,491	235,704	234,917	234,130	233,343	232,556	231,769	230,982	230,194	229,407	2,804,838
Book Depreciation	82,765	82,286	81,808	81,329	80,851	80,373	79,894	79,416	78,938	78,459	77,981	77,502	961,603
AFUDC													
Deferred Taxes	103,278	103,278	103,278	103,278	103,278	103,278	103,278	103,278	103,278	103,278	103,278	103,278	1,239,331
Property Tax Expense	71,964	71,964	71,964	71,964	71,964	71,964	71,964	71,964	71,964	71,964	71,964	71,964	863,563
OATT Credit	95,704	95,704	95,704	95,704	95,704	95,704	95,704	95,704	95,704	95,704	95,704	95,704	1,148,446
Total Revenue Requirement	157,694	157,329	156,965	156,600	156,236	155,871	155,507	155,142	154,778	154,413	154,049	153,684	1,868,269
Rider Revenue Requirement	536,993	535,752	534,510	533,269	532,028	530,787	529,545	528,304	527,063	525,822	524,580	523,339	6,361,992
Line 6 Attt 4													

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>CAPX2020 - La Crosse MISO</b>													
CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant In-Service	99,579,748	99,581,748	99,583,748	99,585,748	99,587,748	100,727,748	100,728,748	100,729,748	100,730,748	100,730,748	100,730,748	100,730,748	100,730,748
Depreciation Reserve	4,194,029	4,351,307	4,508,587	4,665,871	4,823,158	4,981,373	5,140,517	5,299,663	5,458,810	5,617,958	5,777,106	5,936,254	5,936,254
Accumulated Deferred Taxes	10,161,584	10,343,700	10,525,816	10,707,932	10,890,048	11,072,163	11,254,279	11,436,395	11,618,511	11,800,627	11,982,743	12,164,858	12,164,858
Average Rate Base	85,392,829	85,055,438	84,718,043	84,380,645	84,043,244	84,274,377	84,504,081	84,163,821	83,823,559	83,482,795	83,141,532	82,800,268	82,800,268
Tax Depreciation Expense	600,769	600,769	600,769	600,769	600,769	600,769	600,769	600,769	600,769	600,769	600,769	600,769	7,209,225
CPI-TAX INTEREST													
Debt Return	165,804	165,149	164,494	163,839	163,184	163,633	164,079	163,418	162,757	162,096	161,433	160,771	1,960,657
Equity Return	383,556	382,041	380,525	379,010	377,494	378,532	379,564	378,036	376,507	374,977	373,444	371,911	4,535,598
Current Income Tax Requirement	74,254	73,335	72,416	71,497	70,578	71,773	72,964	72,036	71,108	70,179	69,247	68,316	857,702
Book Depreciation	157,274	157,277	157,280	157,284	157,287	158,216	159,144	159,145	159,147	159,148	159,148	159,148	1,899,498
AFUDC													
Deferred Taxes	182,116	182,116	182,116	182,116	182,116	182,116	182,116	182,116	182,116	182,116	182,116	182,116	2,185,390
Property Tax Expense	138,049	138,049	138,049	138,049	138,049	138,049	138,049	138,049	138,049	138,049	138,049	138,049	1,656,586
Total Revenue Requirement	1,101,053	1,097,967	1,094,880	1,091,794	1,088,707	1,092,319	1,095,916	1,092,800	1,089,685	1,086,564	1,083,437	1,080,310	13,095,431
Rider Revenue Requirement	58,954	58,789	58,624	58,459	58,293	58,487	58,679	58,513	58,346	58,179	58,011	57,844	701,178
<b>CAPX2020 - La Crosse MISO - WI</b>													
CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant In-Service	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924	145,327,924
Depreciation Reserve	6,179,443	6,397,268	6,615,093	6,832,918	7,050,743	7,268,568	7,486,393	7,704,218	7,922,043	8,139,868	8,357,693	8,575,518	8,575,518
Accumulated Deferred Taxes	28,750,072	28,903,836	29,057,600	29,211,365	29,365,129	29,518,893	29,672,657	29,826,422	29,980,186	30,133,950	30,287,715	30,441,479	30,441,479
Average Rate Base	110,584,204	110,212,615	109,841,026	109,469,436	109,097,847	108,726,258	108,354,669	107,983,079	107,611,490	107,239,901	106,868,311	106,496,722	106,496,722
Tax Depreciation Expense	593,425	593,425	593,425	593,425	593,425	593,425	593,425	593,425	593,425	593,425	593,425	593,425	7,121,100
CPI-TAX INTEREST													
Debt Return	214,718	213,996	213,275	212,553	211,832	211,110	210,389	209,667	208,946	208,224	207,503	206,781	2,528,993
Equity Return	496,707	495,038	493,369	491,700	490,031	488,362	486,693	485,024	483,355	481,686	480,017	478,348	5,850,331
Current Income Tax Requirement	167,055	166,040	165,026	164,012	162,997	161,983	160,969	159,954	158,940	157,925	156,911	155,897	1,937,709
Book Depreciation	217,825	217,825	217,825	217,825	217,825	217,825	217,825	217,825	217,825	217,825	217,825	217,825	2,613,900
AFUDC													
Deferred Taxes	153,764	153,764	153,764	153,764	153,764	153,764	153,764	153,764	153,764	153,764	153,764	153,764	1,845,172
Property Tax Expense	201,474	201,474	201,474	201,474	201,474	201,474	201,474	201,474	201,474	201,474	201,474	201,474	2,417,690
Total Revenue Requirement	1,451,543	1,448,138	1,444,734	1,441,329	1,437,924	1,434,519	1,431,114	1,427,709	1,424,304	1,420,899	1,417,494	1,414,089	17,193,795
Rider Revenue Requirement	77,721	77,539	77,356	77,174	76,992	76,809	76,627	76,445	76,262	76,080	75,898	75,716	920,619
<b>CAPX2020 Fargo</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701	234,146,701
Depreciation Reserve	16,594,402	16,968,079	17,341,755	17,715,431	18,089,107	18,462,784	18,836,460	19,210,136	19,583,812	19,957,489	20,331,165	20,704,841	20,704,841
Accumulated Deferred Taxes	46,692,487	46,944,414	47,196,341	47,448,269	47,700,196	47,952,123	48,204,050	48,455,977	48,707,904	48,959,832	49,211,759	49,463,686	49,463,686
Average Rate Base	171,172,613	170,547,010	169,921,407	169,295,803	168,670,200	168,044,596	167,418,993	166,793,390	166,167,786	165,542,183	164,916,579	164,290,976	164,290,976
Tax Depreciation Expense	978,306	978,306	978,306	978,306	978,306	978,306	978,306	978,306	978,306	978,306	978,306	978,306	11,739,669
CPI-TAX INTEREST													
Debt Return	332,360	331,145	329,931	328,716	327,501	326,287	325,072	323,857	322,642	321,428	320,213	318,998	3,908,151
Equity Return	768,850	766,040	763,230	760,420	757,610	754,800	751,990	749,180	746,370	743,560	740,750	737,940	9,040,744
Current Income Tax Requirement	252,916	251,209	249,501	247,793	246,085	244,377	242,670	240,962	239,254	237,546	235,838	234,131	2,922,282
Book Depreciation	373,676	373,676	373,676	373,676	373,676	373,676	373,676	373,676	373,676	373,676	373,676	373,676	4,484,115
AFUDC													
Deferred Taxes	251,927	251,927	251,927	251,927	251,927	251,927	251,927	251,927	251,927	251,927	251,927	251,927	3,023,126
Property Tax Expense	324,607	324,607	324,607	324,607	324,607	324,607	324,607	324,607	324,607	324,607	324,607	324,607	3,895,288
Total Revenue Requirement	2,304,338	2,298,605	2,292,873	2,287,140	2,281,408	2,275,675	2,269,943	2,264,210	2,258,478	2,252,745	2,247,013	2,241,280	27,273,706
Rider Revenue Requirement	123,383	123,076	122,769	122,462	122,155	121,848	121,541	121,234	120,927	120,620	120,313	120,006	1,460,335

Line 7 Att 4

Line 8 Att 4

Line 9 Att 4

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Cass County SUB Expansion</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277	6,413,277
Depreciation Reserve	465,480	474,865	484,250	493,635	503,020	512,405	521,790	531,175	540,560	549,945	559,330	568,715	568,715
Accumulated Deferred Taxes	1,539,661	1,545,069	1,550,476	1,555,883	1,561,290	1,566,698	1,572,105	1,577,512	1,582,919	1,588,327	1,593,734	1,599,141	1,599,141
Average Rate Base	4,415,531	4,400,739	4,385,947	4,371,155	4,356,363	4,341,570	4,326,778	4,311,986	4,297,194	4,282,402	4,267,609	4,252,817	4,252,817
Tax Depreciation Expense	22,328	22,328	22,328	22,328	22,328	22,328	22,328	22,328	22,328	22,328	22,328	22,328	22,328
CPI-TAX INTEREST													
Debt Return	8,573	8,545	8,516	8,487	8,459	8,430	8,401	8,372	8,344	8,315	8,286	8,258	100,986
Equity Return	19,833	19,767	19,700	19,634	19,567	19,501	19,434	19,368	19,302	19,235	19,169	19,102	233,612
Current Income Tax Requirement	7,474	7,433	7,393	7,353	7,312	7,272	7,231	7,191	7,151	7,110	7,070	7,029	87,019
Book Depreciation	9,385	9,385	9,385	9,385	9,385	9,385	9,385	9,385	9,385	9,385	9,385	9,385	112,620
AFUDC													
Deferred Taxes	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407	5,407	64,887
Property Tax Expense	8,891	8,891	8,891	8,891	8,891	8,891	8,891	8,891	8,891	8,891	8,891	8,891	106,692
OATT Credit	13,521	13,490	13,459	13,429	13,398	13,367	13,336	13,306	13,275	13,244	13,213	13,182	160,220
Total Revenue Requirement	46,043	45,938	45,833	45,728	45,623	45,519	45,414	45,309	45,204	45,100	44,995	44,890	545,596
Rider Revenue Requirement	2,465	2,460	2,454	2,448	2,443	2,437	2,432	2,426	2,420	2,415	2,409	2,404	29,213
<b>Chaska - Hwy 212 Conversion</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711	19,248,711
Depreciation Reserve	1,055,582	1,082,964	1,110,345	1,137,726	1,165,107	1,192,488	1,219,869	1,247,251	1,274,632	1,302,013	1,329,394	1,356,775	1,356,775
Accumulated Deferred Taxes	3,693,640	3,712,338	3,731,036	3,749,734	3,768,432	3,787,130	3,805,828	3,824,526	3,843,224	3,861,922	3,880,620	3,899,318	3,899,318
Average Rate Base	14,522,529	14,476,450	14,430,370	14,384,291	14,338,212	14,292,133	14,246,054	14,199,974	14,153,895	14,107,816	14,061,737	14,015,658	14,015,658
Tax Depreciation Expense	72,956	72,956	72,956	72,956	72,956	72,956	72,956	72,956	72,956	72,956	72,956	72,956	72,956
CPI-TAX INTEREST													
Debt Return	28,198	28,108	28,019	27,929	27,840	27,751	27,661	27,572	27,482	27,393	27,303	27,214	332,470
Equity Return	65,230	65,023	64,816	64,609	64,402	64,195	63,989	63,782	63,575	63,368	63,161	62,954	769,104
Current Income Tax Requirement	23,310	23,184	23,058	22,932	22,807	22,681	22,555	22,429	22,303	22,178	22,052	21,926	271,415
Book Depreciation	27,381	27,381	27,381	27,381	27,381	27,381	27,381	27,381	27,381	27,381	27,381	27,381	328,574
AFUDC													
Deferred Taxes	18,698	18,698	18,698	18,698	18,698	18,698	18,698	18,698	18,698	18,698	18,698	18,698	224,376
Property Tax Expense	26,685	26,685	26,685	26,685	26,685	26,685	26,685	26,685	26,685	26,685	26,685	26,685	320,224
OATT Credit	43,017	42,921	42,825	42,730	42,634	42,538	42,442	42,346	42,250	42,154	42,059	41,963	509,879
Total Revenue Requirement	146,485	146,159	145,833	145,506	145,180	144,853	144,527	144,201	143,874	143,548	143,222	142,895	1,736,284
Rider Revenue Requirement	7,843	7,826	7,808	7,791	7,773	7,756	7,739	7,721	7,704	7,686	7,669	7,651	92,967
<b>Chisago 2nd Transformer Addition</b>													
CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant In-Service	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458	8,033,458
Depreciation Reserve	366,792	378,430	390,069	401,707	413,346	424,984	436,623	448,261	459,900	471,538	483,177	494,815	494,815
Accumulated Deferred Taxes	1,744,931	1,754,073	1,763,214	1,772,355	1,781,496	1,790,637	1,799,778	1,808,919	1,818,060	1,827,201	1,836,342	1,845,483	1,845,483
Average Rate Base	5,932,124	5,911,345	5,890,565	5,869,786	5,849,006	5,828,227	5,807,447	5,786,668	5,765,888	5,745,108	5,724,329	5,703,549	5,703,549
Tax Depreciation Expense	34,012	34,012	34,012	34,012	34,012	34,012	34,012	34,012	34,012	34,012	34,012	34,012	408,144
CPI-TAX INTEREST													
Debt Return	11,518	11,478	11,438	11,397	11,357	11,316	11,276	11,236	11,195	11,155	11,115	11,074	135,556
Equity Return	26,645	26,552	26,458	26,365	26,272	26,178	26,085	25,992	25,898	25,805	25,712	25,618	313,581
Current Income Tax Requirement	8,152	8,095	8,038	7,981	7,925	7,868	7,811	7,755	7,698	7,641	7,584	7,528	94,076
Book Depreciation	11,638	11,638	11,638	11,638	11,638	11,638	11,638	11,638	11,638	11,638	11,638	11,638	139,662
AFUDC													
Deferred Taxes	9,141	9,141	9,141	9,141	9,141	9,141	9,141	9,141	9,141	9,141	9,141	9,141	109,693
Property Tax Expense	11,137	11,137	11,137	11,137	11,137	11,137	11,137	11,137	11,137	11,137	11,137	11,137	133,645
OATT Credit	17,759	17,715	17,672	17,629	17,586	17,542	17,499	17,456	17,413	17,370	17,326	17,283	210,250
Total Revenue Requirement	60,473	60,326	60,179	60,031	59,884	59,737	59,590	59,443	59,296	59,148	59,001	58,854	715,962
Rider Revenue Requirement	3,238	3,230	3,222	3,214	3,206	3,199	3,191	3,183	3,175	3,167	3,159	3,151	38,335

Line 10 Att 4

Line 11 Att 4

Line 12 Att 4

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Dean Lake Substation</b>													
CWIP Balance													
Plant In-Service	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333	3,491,333
Depreciation Reserve	47,976	53,034	58,092	63,150	68,208	73,266	78,325	83,383	88,441	93,499	98,557	103,615	103,615
Accumulated Deferred Taxes	37,531	46,969	56,407	65,845	75,283	84,720	94,158	103,596	113,034	122,472	131,910	141,348	141,348
Average Rate Base	3,413,074	3,398,578	3,384,082	3,369,586	3,355,090	3,340,594	3,326,098	3,311,602	3,297,106	3,282,610	3,268,114	3,253,618	3,253,618
Tax Depreciation Expense	28,164	28,164	28,164	28,164	28,164	28,164	28,164	28,164	28,164	28,164	28,164	28,164	337,964
CPI-TAX INTEREST													
Debt Return	6,627	6,599	6,571	6,543	6,514	6,486	6,458	6,430	6,402	6,374	6,346	6,317	77,667
Equity Return	15,330	15,265	15,200	15,135	15,070	15,005	14,940	14,875	14,810	14,744	14,679	14,614	179,667
Current Income Tax Requirement	1,011	971	931	892	852	813	773	734	694	654	615	575	9,514
Book Depreciation	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	5,058	60,697
AFUDC													
Deferred Taxes	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	113,255
Property Tax Expense	4,840	4,840	4,840	4,840	4,840	4,840	4,840	4,840	4,840	4,840	4,840	4,840	58,082
OATT Credit	9,603	9,573	9,543	9,513	9,482	9,452	9,422	9,392	9,362	9,332	9,302	9,271	113,246
Total Revenue Requirement	32,701	32,598	32,496	32,393	32,290	32,188	32,085	31,982	31,880	31,777	31,674	31,572	385,636
Rider Revenue Requirement	1,751	1,745	1,740	1,734	1,729	1,723	1,718	1,712	1,707	1,701	1,696	1,690	20,648
Line 13 Att 4													
<b>ELR - Breakers - NSPM</b>													
CWIP Balance	1,405,491	1,073,981	534,371	245,541	249,672	251,222	252,462	9,442	14,358	19,216	21,586	19,284	19,284
Plant In-Service	1,785,760	2,166,269	2,746,060	3,069,190	3,087,599	3,096,828	3,106,369	3,360,168	3,374,853	3,394,494	3,416,624	3,436,566	3,436,566
Depreciation Reserve	49,087	51,950	55,508	59,720	64,180	68,660	73,154	77,838	82,716	87,620	92,554	97,518	97,518
Accumulated Deferred Taxes	130,052	135,681	141,309	146,937	152,565	158,194	163,822	169,450	175,079	180,707	186,335	191,963	191,963
Average Rate Base	2,991,719	3,032,366	3,068,117	3,095,843	3,114,299	3,120,861	3,121,526	3,122,089	3,126,869	3,138,400	3,152,353	3,162,845	3,162,845
Tax Depreciation Expense	19,186	19,186	19,186	19,186	19,186	19,186	19,186	19,186	19,186	19,186	19,186	19,186	230,231
CPI-TAX INTEREST	4,016	3,622	2,361	1,151	729	740	746	391	42	58	69	67	13,992
Debt Return	5,809	5,888	5,957	6,011	6,047	6,060	6,061	6,062	6,071	6,094	6,121	6,141	72,322
Equity Return	13,438	13,620	13,781	13,905	13,988	14,018	14,021	14,023	14,045	14,097	14,159	14,206	167,302
Current Income Tax Requirement	3,940	3,979	3,733	3,471	3,415	3,452	3,466	3,368	3,287	3,343	3,406	3,452	42,312
Book Depreciation	2,587	2,863	3,558	4,212	4,460	4,480	4,493	4,684	4,879	4,904	4,934	4,964	51,018
AFUDC													
Deferred Taxes	5,628	5,628	5,628	5,628	5,628	5,628	5,628	5,628	5,628	5,628	5,628	5,628	67,539
Property Tax Expense	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	29,708
OATT Credit	4,600	5,470	6,825	7,591	7,652	7,669	7,674	8,227	8,260	8,295	8,336	8,369	88,969
Total Revenue Requirement	29,278	28,984	28,308	28,113	28,363	28,444	28,471	28,015	28,126	28,246	28,388	28,499	341,233
Rider Revenue Requirement	1,568	1,552	1,516	1,505	1,519	1,523	1,524	1,500	1,506	1,512	1,520	1,526	18,271
Line 14 Att 4													
<b>ELR - Relay - NSPM</b>													
CWIP Balance	7,662,307	7,177,382	5,031,939	4,236,010	3,014,386	3,151,586	3,186,866	2,907,075	2,970,775	1,595,279	39,200	58,800	58,800
Plant In-Service	4,219,672	5,042,696	7,510,559	8,487,788	9,775,072	9,775,072	9,775,072	10,119,543	10,119,543	11,540,119	13,132,458	13,132,458	13,132,458
Depreciation Reserve	157,546	164,255	173,349	184,937	198,167	212,328	226,490	240,901	255,562	271,251	289,124	308,149	308,149
Accumulated Deferred Taxes	303,730	320,474	337,217	353,961	370,705	387,448	404,192	420,935	437,679	454,423	471,166	487,910	487,910
Average Rate Base	11,225,223	11,578,026	11,883,641	12,108,416	12,202,743	12,273,734	12,329,069	12,348,019	12,380,930	12,403,401	12,410,546	12,403,284	12,403,284
Tax Depreciation Expense	64,946	64,946	64,946	64,946	64,946	64,946	64,946	64,946	64,946	64,946	64,946	64,946	779,354
CPI-TAX INTEREST	22,209	21,625	17,908	13,569	10,639	9,054	9,329	9,011	8,696	6,780	2,439	142	131,401
Debt Return	21,796	22,481	23,074	23,511	23,694	23,832	23,939	23,976	24,040	24,083	24,097	24,083	282,604
Equity Return	50,420	52,005	53,377	54,387	54,811	55,130	55,378	55,463	55,611	55,712	55,744	55,711	653,749
Current Income Tax Requirement	18,405	19,531	19,555	19,048	18,522	18,320	18,638	18,648	18,698	18,220	16,927	16,213	220,724
Book Depreciation	5,857	6,709	9,093	11,589	13,229	14,162	14,162	14,411	14,661	15,690	17,872	19,026	156,460
AFUDC													
Deferred Taxes	16,744	16,744	16,744	16,744	16,744	16,744	16,744	16,744	16,744	16,744	16,744	16,744	200,923
Property Tax Expense	5,360	5,360	5,360	5,360	5,360	5,360	5,360	5,360	5,360	5,360	5,360	5,360	64,317
OATT Credit	10,559	12,500	18,185	20,635	23,656	23,709	23,650	24,345	24,334	27,410	30,971	31,012	270,965
Total Revenue Requirement	108,022	110,329	109,019	110,003	108,703	109,837	110,570	110,256	110,779	108,398	105,773	106,124	1,307,813
Rider Revenue Requirement	5,784	5,907	5,837	5,890	5,820	5,881	5,920	5,904	5,931	5,804	5,663	5,682	70,025
Line 15 Att 4													

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>ELR - Transformers - NSPM</b>													
CWIP Balance													
Plant In-Service	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401	5,018,401
Depreciation Reserve	203,081	210,352	217,622	224,893	232,163	239,434	246,704	253,974	261,245	268,515	275,786	283,056	283,056
Accumulated Deferred Taxes	594,317	603,372	612,426	621,480	630,535	639,589	648,643	657,698	666,752	675,807	684,861	693,915	693,915
Average Rate Base	4,229,164	4,212,839	4,196,515	4,180,190	4,163,865	4,147,540	4,131,216	4,114,891	4,098,566	4,082,241	4,065,917	4,049,592	4,049,592
Tax Depreciation Expense	29,379	29,379	29,379	29,379	29,379	29,379	29,379	29,379	29,379	29,379	29,379	29,379	352,548
CPI-TAX INTEREST													
Debt Return	8,212	8,180	8,148	8,117	8,085	8,053	8,021	7,990	7,958	7,926	7,895	7,863	96,448
Equity Return	18,996	18,923	18,849	18,776	18,703	18,629	18,556	18,483	18,409	18,336	18,263	18,189	223,112
Current Income Tax Requirement	3,611	3,567	3,522	3,477	3,433	3,388	3,344	3,299	3,255	3,210	3,165	3,121	40,392
Book Depreciation	7,270	7,270	7,270	7,270	7,270	7,270	7,270	7,270	7,270	7,270	7,270	7,270	87,245
AFUDC													
Deferred Taxes	9,054	9,054	9,054	9,054	9,054	9,054	9,054	9,054	9,054	9,054	9,054	9,054	108,652
Property Tax Expense	6,957	6,957	6,957	6,957	6,957	6,957	6,957	6,957	6,957	6,957	6,957	6,957	83,487
OATT Credit	12,281	12,247	12,213	12,179	12,145	12,111	12,077	12,043	12,009	11,975	11,941	11,907	145,129
Total Revenue Requirement	41,820	41,704	41,589	41,473	41,357	41,242	41,126	41,010	40,895	40,779	40,664	40,548	494,207
Rider Revenue Requirement	2,239	2,233	2,227	2,221	2,214	2,208	2,202	2,196	2,190	2,183	2,177	2,171	26,462
Line 16 Att 4													
<b>Franklin Transformer</b>													
CWIP Balance													
Plant In-Service	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Depreciation Reserve	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609	8,122,609
Accumulated Deferred Taxes	547,646	559,414	571,182	582,949	594,717	606,485	618,252	630,020	641,788	653,555	665,323	677,090	677,090
Average Rate Base	1,792,884	1,800,754	1,808,623	1,816,493	1,824,363	1,832,233	1,840,102	1,847,972	1,855,842	1,863,712	1,871,581	1,879,451	1,879,451
Tax Depreciation Expense	5,791,897	5,772,260	5,752,622	5,732,985	5,713,348	5,693,710	5,674,073	5,654,436	5,634,798	5,615,161	5,595,523	5,575,886	5,575,886
Debt Return	30,537	30,537	30,537	30,537	30,537	30,537	30,537	30,537	30,537	30,537	30,537	30,537	366,440
Equity Return	11,246	11,208	11,170	11,132	11,093	11,055	11,017	10,979	10,941	10,903	10,865	10,827	132,435
Current Income Tax Requirement	26,015	25,927	25,839	25,751	25,662	25,574	25,486	25,398	25,310	25,221	25,133	25,045	306,362
Book Depreciation	9,187	9,133	9,080	9,026	8,972	8,919	8,865	8,812	8,758	8,704	8,651	8,597	106,704
Deferred Taxes	11,768	11,768	11,768	11,768	11,768	11,768	11,768	11,768	11,768	11,768	11,768	11,768	141,212
Property Tax Expense	7,870	7,870	7,870	7,870	7,870	7,870	7,870	7,870	7,870	7,870	7,870	7,870	94,437
OATT Credit	11,261	11,261	11,261	11,261	11,261	11,261	11,261	11,261	11,261	11,261	11,261	11,261	135,129
Total Revenue Requirement	17,558	17,517	17,476	17,435	17,394	17,353	17,312	17,272	17,231	17,190	17,149	17,108	207,995
Rider Revenue Requirement	59,789	59,649	59,510	59,371	59,232	59,093	58,954	58,815	58,676	58,537	58,398	58,259	708,283
Line 17 Att 4													
<b>Gleason Lake Sub</b>													
CWIP Balance													
Plant In-Service	7,221,257	6,052,805	6,671,325	7,215,645	7,767,905	8,320,165	8,872,425	9,424,685	9,976,945	10,529,205	11,081,465	11,633,725	12,185,985
Depreciation Reserve	232,872	1,925,003	1,937,003	1,937,003	1,937,003	10,082,968	10,092,868	10,095,368	10,095,368	10,095,368	10,095,368	10,095,368	10,095,368
Accumulated Deferred Taxes	2,462	4,067	6,906	9,754	12,601	22,054	38,119	54,195	70,273	86,350	102,428	118,506	118,506
Average Rate Base	(89,672)	(79,405)	(69,138)	(58,871)	(48,604)	(38,336)	(28,069)	(17,802)	(7,535)	2,732	12,999	23,267	23,267
Tax Depreciation Expense	6,926,771	7,797,242	8,361,853	8,936,163	9,471,338	9,920,081	10,091,035	10,070,897	10,045,803	10,019,458	9,993,113	9,966,768	9,966,768
Debt Return	43,758	43,758	43,758	43,758	43,758	43,758	43,758	43,758	43,758	43,758	43,758	43,758	525,095
Equity Return	19,145	19,271	18,478	20,208	21,847	23,486	25,125	26,764	28,403	30,042	31,681	33,320	110,574
Current Income Tax Requirement	13,449	15,140	16,236	17,351	18,390	19,261	19,593	19,554	19,506	19,454	19,403	19,352	216,691
Book Depreciation	31,113	35,023	37,559	40,138	42,542	44,558	45,326	45,235	45,122	45,004	44,886	44,767	501,272
Deferred Taxes	10,420	13,618	15,428	18,052	20,509	22,536	24,562	26,588	28,614	30,640	32,666	34,692	198,359
Property Tax Expense	379	1,605	2,839	2,848	2,848	9,453	16,066	16,076	16,078	16,078	16,078	16,078	116,422
OATT Credit	10,267	10,267	10,267	10,267	10,267	10,267	10,267	10,267	10,267	10,267	10,267	10,267	123,206
Total Revenue Requirement	323	323	323	323	323	323	323	323	323	323	323	323	3,874
Rider Revenue Requirement	855	4,828	4,952	4,956	4,945	23,471	24,637	24,598	24,547	24,492	24,437	24,383	191,101
Line 18 Att 4													

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Glencoe - Waconia</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150	23,239,150
Depreciation Reserve	1,925,957	1,962,123	1,998,288	2,034,453	2,070,618	2,106,783	2,142,948	2,179,113	2,215,278	2,251,443	2,287,608	2,323,773	2,323,773
Accumulated Deferred Taxes	5,322,051	5,340,168	5,358,284	5,376,400	5,394,516	5,412,632	5,430,748	5,448,864	5,466,980	5,485,096	5,503,212	5,521,328	5,521,328
Average Rate Base	16,018,281	15,964,000	15,909,719	15,855,438	15,801,157	15,746,876	15,692,595	15,638,314	15,584,032	15,529,751	15,475,470	15,421,189	15,421,189
Tax Depreciation Expense	79,482	79,482	79,482	79,482	79,482	79,482	79,482	79,482	79,482	79,482	79,482	79,482	953,779
CPI-TAX INTEREST													
Debt Return	31,102	30,997	30,891	30,786	30,681	30,575	30,470	30,364	30,259	30,154	30,048	29,943	366,270
Equity Return	71,949	71,705	71,461	71,217	70,974	70,730	70,486	70,242	69,998	69,754	69,511	69,267	847,294
Current Income Tax Requirement	28,412	28,263	28,115	27,967	27,819	27,671	27,523	27,374	27,226	27,078	26,930	26,782	331,159
Book Depreciation	36,165	36,165	36,165	36,165	36,165	36,165	36,165	36,165	36,165	36,165	36,165	36,165	433,981
AFUDC													
Deferred Taxes	18,116	18,116	18,116	18,116	18,116	18,116	18,116	18,116	18,116	18,116	18,116	18,116	217,392
Property Tax Expense	32,217	32,217	32,217	32,217	32,217	32,217	32,217	32,217	32,217	32,217	32,217	32,217	386,609
Total Revenue Requirement	217,961	217,464	216,966	216,469	215,971	215,474	214,977	214,479	213,982	213,485	212,987	212,490	2,582,705
Rider Revenue Requirement	11,670	11,644	11,617	11,591	11,564	11,537	11,511	11,484	11,457	11,431	11,404	11,377	138,288
<b>Hollydale Dist. 115kV</b>													
CWIP Balance	3,541,124	3,771,024	4,890,924	6,710,824	7,930,724	9,195,624	10,185,124	10,859,524	11,964,424	12,412,324	13,201,324	13,690,445	13,690,445
Plant In-Service	811,449	811,449	811,449	811,449	811,449	811,449	811,449	811,449	811,449	811,449	811,449	1,289,227	1,289,227
Depreciation Reserve	935	999	1,063	1,127	1,191	1,255	1,318	1,382	1,446	1,510	1,574	2,026	2,026
Accumulated Deferred Taxes	(18,408)	(27,401)	(36,393)	(45,385)	(54,377)	(63,369)	(72,362)	(81,354)	(90,346)	(99,338)	(108,330)	(117,322)	(117,322)
Average Rate Base	4,260,631	4,489,460	5,173,288	6,652,116	8,180,945	9,432,273	10,568,402	11,409,280	12,307,858	13,093,187	13,720,565	14,607,249	14,607,249
Tax Depreciation Expense	2,392	2,392	2,392	2,392	2,392	2,392	2,392	2,392	2,392	2,392	2,392	2,392	28,705
CPI-TAX INTEREST	10,995	11,589	13,511	17,745	22,136	25,674	28,386	29,814	31,218	32,591	33,570	34,495	291,723
Debt Return	8,273	8,717	10,045	12,916	15,885	18,314	20,520	22,153	23,898	25,423	26,641	28,362	221,147
Equity Return	19,137	20,165	23,237	29,879	36,746	42,367	47,470	51,247	55,283	58,810	61,628	65,611	511,580
Current Income Tax Requirement	11,433	12,419	15,453	22,064	28,906	34,472	39,222	42,385	45,692	48,670	50,977	54,196	405,888
Book Depreciation	64	64	64	64	64	64	64	64	64	64	64	452	1,154
AFUDC													
Deferred Taxes	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(8,992)	(107,906)
Property Tax Expense	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	13,499
OATT Credit	1,956	1,955	1,955	1,955	1,954	1,954	1,954	1,953	1,953	1,953	1,952	3,032	24,525
Total Revenue Requirement	29,084	31,542	38,976	55,101	71,779	85,396	97,455	106,028	115,116	123,147	129,491	137,722	1,020,836
Rider Revenue Requirement	1,557	1,689	2,087	2,950	3,843	4,572	5,218	5,677	6,164	6,594	6,933	7,374	54,659
<b>Kohlman Lake-Goose Lake 2nd ckt</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633	18,535,633
Depreciation Reserve	979,939	1,007,578	1,035,217	1,062,857	1,090,496	1,118,135	1,145,775	1,173,414	1,201,053	1,228,693	1,256,332	1,283,971	1,283,971
Accumulated Deferred Taxes	4,068,126	4,087,482	4,106,839	4,126,196	4,145,552	4,164,909	4,184,265	4,203,622	4,222,978	4,242,335	4,261,692	4,281,048	4,281,048
Average Rate Base	13,511,066	13,464,070	13,417,074	13,370,078	13,323,082	13,276,086	13,229,091	13,182,095	13,135,099	13,088,103	13,041,107	12,994,111	12,994,111
Tax Depreciation Expense	74,894	74,894	74,894	74,894	74,894	74,894	74,894	74,894	74,894	74,894	74,894	74,894	898,727
CPI-TAX INTEREST													
Debt Return	26,234	26,143	26,051	25,960	25,869	25,778	25,686	25,595	25,504	25,413	25,321	25,230	308,785
Equity Return	60,687	60,476	60,265	60,054	59,843	59,632	59,421	59,210	58,998	58,787	58,576	58,365	714,315
Current Income Tax Requirement	19,928	19,800	19,671	19,543	19,415	19,286	19,158	19,030	18,901	18,773	18,645	18,517	230,666
Book Depreciation	27,639	27,639	27,639	27,639	27,639	27,639	27,639	27,639	27,639	27,639	27,639	27,639	331,672
AFUDC													
Deferred Taxes	19,357	19,357	19,357	19,357	19,357	19,357	19,357	19,357	19,357	19,357	19,357	19,357	232,279
Property Tax Expense	25,697	25,697	25,697	25,697	25,697	25,697	25,697	25,697	25,697	25,697	25,697	25,697	308,361
Total Revenue Requirement	179,542	179,111	178,680	178,250	177,819	177,388	176,958	176,527	176,097	175,666	175,235	174,805	2,126,078
Rider Revenue Requirement	9,613	9,590	9,567	9,544	9,521	9,498	9,475	9,452	9,429	9,406	9,383	9,360	113,838

Line 19 Att 4

Line 20 Att 4

Line 21 Att 4

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Lake Marion Burnsville</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
Plant In-Service	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137	11,805,137
Depreciation Reserve	828,817	848,007	867,196	886,386	905,576	924,766	943,956	963,145	982,335	1,001,525	1,020,715	1,039,905	1,039,905
Accumulated Deferred Taxes	2,681,472	2,692,309	2,703,147	2,713,984	2,724,821	2,735,658	2,746,496	2,757,333	2,768,170	2,779,008	2,789,845	2,800,682	2,800,682
Average Rate Base	8,309,862	8,279,834	8,249,807	8,219,780	8,189,753	8,159,726	8,129,699	8,099,672	8,069,645	8,039,618	8,009,591	7,979,564	7,979,564
Tax Depreciation Expense	45,600	45,600	45,600	45,600	45,600	45,600	45,600	45,600	45,600	45,600	45,600	45,600	547,203
Debt Return	16,135	16,077	16,018	15,960	15,902	15,843	15,785	15,727	15,669	15,610	15,552	15,494	189,772
Equity Return	37,325	37,190	37,055	36,921	36,786	36,651	36,516	36,381	36,246	36,111	35,976	35,842	439,000
Current Income Tax Requirement	13,220	13,138	13,056	12,974	12,892	12,810	12,728	12,646	12,564	12,482	12,400	12,318	153,228
Book Depreciation	19,190	19,190	19,190	19,190	19,190	19,190	19,190	19,190	19,190	19,190	19,190	19,190	230,278
Deferred Taxes	10,837	10,837	10,837	10,837	10,837	10,837	10,837	10,837	10,837	10,837	10,837	10,837	130,047
Property Tax Expense	16,366	16,366	16,366	16,366	16,366	16,366	16,366	16,366	16,366	16,366	16,366	16,366	196,391
OATT Credit	25,668	25,605	25,543	25,480	25,418	25,355	25,293	25,230	25,168	25,105	25,043	24,981	303,889
Total Revenue Requirement	87,405	87,193	86,980	86,767	86,555	86,342	86,129	85,917	85,704	85,491	85,279	85,066	1,034,828
Rider Revenue Requirement	4,680	4,669	4,657	4,646	4,634	4,623	4,612	4,600	4,589	4,578	4,566	4,555	55,409
<b>Lawrence to Falls Capacity Enhancement</b>													
CWIP Balance	110,000	460,000	1,460,000	2,460,000	3,710,000								
Plant In-Service						3,935,000	3,970,000	3,970,000	3,970,000	3,970,000	3,970,000	3,970,000	3,970,000
Depreciation Reserve						3,201	9,630	16,089	22,547	29,005	35,463	41,921	41,921
Accumulated Deferred Taxes	4,558	9,115	13,673	18,231	22,789	27,346	31,904	36,462	41,019	45,577	50,135	54,693	54,693
Average Rate Base	52,721	278,163	948,606	1,944,048	3,064,490	3,795,832	3,916,459	3,922,958	3,911,942	3,900,926	3,889,910	3,878,894	3,878,894
Tax Depreciation Expense	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	16,641	199,694
CPI-TAX INTEREST	159	822	2,771	5,663	8,923	5,538							23,876
Debt Return	102	540	1,842	3,775	5,950	7,370	7,604	7,617	7,596	7,574	7,553	7,532	65,055
Equity Return	237	1,249	4,261	8,732	13,765	17,050	17,591	17,621	17,571	17,522	17,472	17,423	150,493
Current Income Tax Requirement	(7,103)	(6,085)	(3,070)	1,405	6,445	8,329	7,255	7,290	7,260	7,230	7,200	7,170	43,326
Book Depreciation						3,201	6,430	6,458	6,458	6,458	6,458	6,458	41,921
AFUDC													
Deferred Taxes	4,558	4,558	4,558	4,558	4,558	4,558	4,558	4,558	4,558	4,558	4,558	4,558	54,693
Property Tax Expense													
OATT Credit						9,195	9,861	9,884	9,862	9,839	9,816	9,793	68,249
Total Revenue Requirement	(2,207)	263	7,590	18,469	30,717	31,312	33,578	33,659	33,581	33,503	33,425	33,347	287,240
Rider Revenue Requirement	(118)	14	406	989	1,645	1,677	1,798	1,802	1,798	1,794	1,790	1,786	15,380
<b>Line ELR - NSPM</b>													
CWIP Balance	4,042,721	1,673,661	1,765,428	1,765,438	1,765,438	1,765,438	1,765,448	1,765,448	1,765,397	1,765,345	1,765,284	1,765,322	1,765,322
Plant In-Service	2,320,006	4,789,066	4,697,309	4,697,309	4,697,309	4,697,309	4,697,309	4,697,309	4,747,370	4,797,432	4,847,493	4,897,555	4,897,555
Depreciation Reserve	39,971	45,753	53,469	61,111	68,752	76,393	84,035	91,676	99,358	107,122	114,966	122,893	122,893
Accumulated Deferred Taxes	59,310	65,802	72,293	78,785	85,276	91,768	98,259	104,751	111,242	117,734	124,226	130,717	130,717
Average Rate Base	5,613,579	6,307,309	6,344,073	6,329,913	6,315,785	6,301,652	6,287,524	6,273,396	6,284,248	6,320,044	6,355,753	6,391,426	6,391,426
Tax Depreciation Expense	28,643	28,643	28,643	28,643	28,643	28,643	28,643	28,643	28,643	28,643	28,643	28,643	343,710
CPI-TAX INTEREST	9,621	8,237	4,807	4,820	4,834	4,848	4,862	4,876	4,926	4,941	4,955	4,969	66,697
Debt Return	10,900	12,247	12,318	12,291	12,263	12,236	12,208	12,181	12,202	12,271	12,341	12,410	145,867
Equity Return	25,214	28,330	28,495	28,432	28,368	28,305	28,241	28,178	28,227	28,388	28,548	28,708	337,435
Current Income Tax Requirement	10,003	12,276	11,467	11,391	11,361	11,331	11,301	11,271	11,355	11,511	11,667	11,822	136,755
Book Depreciation	3,774	5,782	7,716	7,641	7,641	7,641	7,641	7,641	7,682	7,764	7,845	7,926	86,696
AFUDC													
Deferred Taxes	6,492	6,492	6,492	6,492	6,492	6,492	6,492	6,492	6,492	6,492	6,492	6,492	77,899
Property Tax Expense	3,216	3,216	3,216	3,216	3,216	3,216	3,216	3,216	3,216	3,216	3,216	3,216	38,596
OATT Credit	13,530	15,516	15,825	15,771	15,744	15,717	15,690	15,664	15,703	15,809	15,915	16,020	186,903
Total Revenue Requirement	46,069	52,828	53,879	53,692	53,598	53,503	53,409	53,315	53,472	53,833	54,194	54,554	636,345
Rider Revenue Requirement	2,467	2,829	2,885	2,875	2,870	2,865	2,860	2,855	2,863	2,882	2,902	2,921	34,072

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Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Maple Lake - Annandale</b>													
CWIP Balance													
Plant In-Service	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827	2,992,827
Depreciation Reserve	119,908	124,777	129,645	134,514	139,383	144,251	149,120	153,988	158,857	163,726	168,594	173,463	173,463
Accumulated Deferred Taxes	548,520	552,441	556,362	560,283	564,204	568,125	572,046	575,967	579,888	583,809	587,730	591,651	591,651
Average Rate Base	2,328,794	2,320,004	2,311,215	2,302,425	2,293,636	2,284,846	2,276,056	2,267,267	2,258,477	2,249,688	2,240,898	2,232,109	2,232,109
Tax Depreciation Expense	14,466	14,466	14,466	14,466	14,466	14,466	14,466	14,466	14,466	14,466	14,466	14,466	173,597
CPI-TAX INTEREST													
Debt Return	4,522	4,505	4,488	4,471	4,453	4,436	4,419	4,402	4,385	4,368	4,351	4,334	53,135
Equity Return	10,460	10,421	10,381	10,342	10,302	10,263	10,223	10,184	10,144	10,105	10,065	10,026	122,916
Current Income Tax Requirement	2,907	2,883	2,859	2,835	2,811	2,787	2,763	2,739	2,715	2,691	2,667	2,643	33,301
Book Depreciation	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	4,869	58,423
AFUDC													
Deferred Taxes	3,921	3,921	3,921	3,921	3,921	3,921	3,921	3,921	3,921	3,921	3,921	3,921	47,052
Property Tax Expense	4,149	4,149	4,149	4,149	4,149	4,149	4,149	4,149	4,149	4,149	4,149	4,149	49,789
OATT Credit	6,998	6,980	6,961	6,943	6,925	6,906	6,888	6,870	6,852	6,833	6,815	6,797	82,768
Total Revenue Requirement	23,830	23,768	23,705	23,643	23,581	23,518	23,456	23,394	23,332	23,269	23,207	23,145	281,848
Rider Revenue Requirement	1,276	1,273	1,269	1,266	1,263	1,259	1,256	1,253	1,249	1,246	1,243	1,239	15,091
<b>Maple River 115kV MPC Interconnection</b>													
CWIP Balance	2,262,790												
Plant In-Service		2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590	2,272,590
Depreciation Reserve		1,646	4,939	8,231	11,523	14,816	18,108	21,401	24,693	27,986	31,278	34,570	34,570
Accumulated Deferred Taxes	(852)	1,536	3,923	6,311	8,699	11,086	13,474	15,861	18,249	20,637	23,024	25,412	25,412
Average Rate Base	2,252,585	2,266,525	2,266,568	2,260,888	2,255,208	2,249,528	2,243,848	2,238,168	2,232,488	2,226,808	2,221,128	2,215,448	2,215,448
Tax Depreciation Expense	9,543	9,543	9,543	9,543	9,543	9,543	9,543	9,543	9,543	9,543	9,543	9,543	114,516
CPI-TAX INTEREST													
Debt Return	4,374	4,401	4,401	4,390	4,379	4,368	4,357	4,346	4,335	4,324	4,313	4,302	52,288
Equity Return	10,118	10,180	10,181	10,155	10,130	10,104	10,079	10,053	10,028	10,002	9,977	9,951	120,957
Current Income Tax Requirement	5,759	4,839	3,840	3,824	3,809	3,793	3,778	3,762	3,747	3,731	3,716	3,700	48,295
Book Depreciation		1,646	3,292	3,292	3,292	3,292	3,292	3,292	3,292	3,292	3,292	3,292	34,570
AFUDC													
Deferred Taxes	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	2,388	28,651
Property Tax Expense													
OATT Credit		5,324	5,471	5,459	5,447	5,436	5,424	5,412	5,400	5,388	5,376	5,365	59,502
Total Revenue Requirement	22,638	18,130	18,630	18,590	18,550	18,510	18,469	18,429	18,389	18,349	18,308	18,268	225,259
Rider Revenue Requirement	1,212	971	998	995	993	991	989	987	985	982	980	978	12,061
<b>Maple River Red River</b>													
CWIP Balance	3,129,681	3,232,533	3,335,384	3,438,233	3,577,913	3,851,011	4,991,856	6,793,362	8,208,745	9,280,135	10,704,705	12,114,528	12,114,528
Plant In-Service	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351	2,809,351
Depreciation Reserve	64	72	80	88	96	104	112	120	128	136	144	151	151
Accumulated Deferred Taxes	(29,700)	(36,342)	(42,984)	(49,627)	(56,269)	(62,912)	(69,554)	(76,197)	(82,839)	(89,482)	(96,124)	(102,767)	-102,767
Average Rate Base	5,909,763	6,023,411	6,132,897	6,242,382	6,370,281	6,583,304	7,296,910	8,774,720	10,389,799	11,639,820	12,894,434	14,318,265	14,318,265
Tax Depreciation Expense	351	351	351	351	351	351	351	351	351	351	351	351	4,207
CPI-TAX INTEREST	8,918	9,252	9,575	9,899	10,278	10,902	12,972	17,252	21,940	25,589	29,261	33,432	199,272
Debt Return	11,475	11,695	11,908	12,121	12,369	12,783	14,168	17,038	20,174	22,601	25,037	27,801	199,168
Equity Return	26,545	27,055	27,547	28,039	28,613	29,570	32,775	39,413	46,668	52,282	57,918	64,313	460,737
Current Income Tax Requirement	17,307	17,821	18,316	18,812	19,391	20,352	23,558	30,193	37,452	43,081	48,738	55,160	350,182
Book Depreciation	8	8	8	8	8	8	8	8	8	8	8	8	96
AFUDC													
Deferred Taxes	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(6,642)	(79,709)
Property Tax Expense	3,895	3,895	3,895	3,895	3,895	3,895	3,895	3,895	3,895	3,895	3,895	3,895	46,737
OATT Credit	6,729	6,729	6,729	6,729	6,729	6,729	6,729	6,729	6,729	6,729	6,729	6,729	80,751
Total Revenue Requirement	45,857	47,102	48,302	49,502	50,904	53,236	61,033	77,175	94,824	108,495	122,224	137,805	896,459
Rider Revenue Requirement	2,455	2,522	2,586	2,651	2,726	2,850	3,268	4,132	5,077	5,809	6,544	7,379	48,000

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Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>Minn Valley</b>													
CWIP Balance	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	0
Plant In-Service	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885	15,656,885
Depreciation Reserve	1,007,184	1,032,523	1,057,862	1,083,201	1,108,540	1,133,879	1,159,217	1,184,556	1,209,895	1,235,234	1,260,573	1,285,912	1,285,912
Accumulated Deferred Taxes	3,593,928	3,608,469	3,623,010	3,637,551	3,652,092	3,666,633	3,681,174	3,695,715	3,710,257	3,724,798	3,739,339	3,753,880	3,753,880
Average Rate Base	11,075,713	11,035,833	10,995,953	10,956,073	10,916,193	10,876,313	10,836,433	10,796,553	10,756,673	10,716,793	10,676,913	10,637,033	10,637,033
Tax Depreciation Expense	60,846	60,846	60,846	60,846	60,846	60,846	60,846	60,846	60,846	60,846	60,846	60,846	730,156
Debt Return	21,505	21,428	21,350	21,273	21,196	21,118	21,041	20,963	20,886	20,808	20,731	20,654	252,953
Equity Return	49,748	49,569	49,390	49,211	49,032	48,853	48,674	48,495	48,315	48,136	47,957	47,778	585,159
Current Income Tax Requirement	17,492	17,384	17,275	17,166	17,057	16,948	16,839	16,730	16,622	16,513	16,404	16,295	202,724
Book Depreciation	25,339	25,339	25,339	25,339	25,339	25,339	25,339	25,339	25,339	25,339	25,339	25,339	304,066
Deferred Taxes	14,541	14,541	14,541	14,541	14,541	14,541	14,541	14,541	14,541	14,541	14,541	14,541	174,494
Property Tax Expense	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	21,706	260,470
Total Revenue Requirement	150,332	149,967	149,601	149,236	148,870	148,505	148,139	147,774	147,409	147,043	146,678	146,312	1,779,865
Rider Revenue Requirement	8,049	8,030	8,010	7,991	7,971	7,951	7,932	7,912	7,893	7,873	7,854	7,834	95,301
<b>Minot Load Serving</b>													
CWIP Balance	19,114,419	21,280,903	23,338,093	26,530,479	30,126,679	33,672,719	38,747,759	41,348,799	43,647,039	45,911,779	10,887		
Plant In-Service	519,399	521,399	529,399	529,399	529,399	529,399	529,399	529,399	529,399	529,399	48,695,030	50,076,347	50,076,347
Depreciation Reserve											38,152	115,547	115,547
Accumulated Deferred Taxes	(26,021)	23,127	72,275	121,423	170,571	219,719	268,867	318,015	367,163	416,311	465,459	514,607	514,607
Average Rate Base	18,107,662	20,719,507	22,787,196	25,366,836	28,711,981	32,233,953	36,495,345	40,284,237	42,684,729	44,917,071	47,113,587	48,824,251	48,824,251
Tax Depreciation Expense	211,243	211,243	211,243	211,243	211,243	211,243	211,243	211,243	211,243	211,243	211,243	211,243	2,534,910
CPI-TAX INTEREST	51,189	59,004	65,264	73,021	83,019	93,557	106,256	117,630	125,033	131,973	69,497	55	975,498
Debt Return	35,159	40,230	44,245	49,254	55,749	62,588	70,862	78,219	82,880	87,214	91,479	94,800	792,678
Equity Return	81,334	93,065	102,352	113,939	128,965	144,784	163,925	180,943	191,726	201,753	211,619	219,302	1,833,707
Current Income Tax Requirement	(17,973)	(6,093)	3,356	15,112	30,321	46,339	65,690	82,946	93,998	104,310	95,523	81,839	595,368
Book Depreciation											38,152	77,395	115,547
AFUDC													
Deferred Taxes	49,148	49,148	49,148	49,148	49,148	49,148	49,148	49,148	49,148	49,148	49,148	49,148	589,776
Property Tax Expense	717	717	717	717	717	717	717	717	717	717	717	717	8,607
OATT Credit	1,241	1,245	1,256	1,264	1,264	1,264	1,264	1,264	1,264	1,264	110,445	118,767	241,802
Total Revenue Requirement	147,144	175,822	198,563	226,907	263,636	302,312	349,078	390,709	417,205	441,877	376,192	404,435	3,693,880
Rider Revenue Requirement	7,879	9,414	10,632	12,149	14,116	16,187	18,691	20,920	22,339	23,660	20,143	21,655	197,784
<b>ADIT Pro-Rate</b>													
Total Revenue Requirement	44,147	44,147	44,147	44,147	44,147	44,147	44,147	44,147	44,147	44,147	44,147	44,147	529,761
Rider Revenue Requirement	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	2,364	28,365
<b>MISO RECB Sch.26/26a</b>													
Total Revenue Requirement	96,902	(244,043)	493,845	(169,550)	537,870	236,933	345,480	(224,479)	215,660	(2,763)	(369,547)	(414,991)	501,319
Rider Revenue Requirement	5,189	(13,067)	26,442	(9,078)	28,800	12,686	18,498	(12,019)	11,547	(148)	(19,787)	(22,220)	26,842
<b>MPC Fossum IA</b>													
CWIP Balance	123,281	123,290	123,299	123,308	123,317	123,326							
Plant In-Service							123,335	123,335	123,335	123,335	123,335	123,335	123,335
Depreciation Reserve							100	301	502	702	903	1,103	1,103
Accumulated Deferred Taxes	(1,110)	(1,009)	(909)	(809)	(709)	(608)	(508)	(408)	(308)	(207)	(107)	(7)	(7)
Average Rate Base	124,436	124,345	124,254	124,162	124,071	123,980	123,888	123,592	123,291	122,990	122,690	122,389	122,389
Tax Depreciation Expense	536	536	536	536	536	536	536	536	536	536	536	536	6,434
CPI-TAX INTEREST	364	365	366	367	368	369	369	369	369	369	369	369	2,386
Debt Return	242	241	241	241	241	241	241	240	239	239	238	238	2,882
Equity Return	559	559	558	558	557	557	556	555	554	552	551	550	6,666
Current Income Tax Requirement	296	296	297	297	298	298	298	298	298	298	298	298	2,992
Book Depreciation							100	201	201	201	201	201	1,103
AFUDC													
Deferred Taxes	100	100	100	100	100	100	100	100	100	100	100	100	1,203
Property Tax Expense													
Total Revenue Requirement	1,197	1,197	1,196	1,196	1,196	1,196	1,196	1,244	1,290	1,288	1,285	1,282	14,846
Rider Revenue Requirement	64	64	64	64	64	64	64	67	69	69	69	69	795

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Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>New Prague Area</b>													
CWIP Balance													
Plant In-Service	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792	7,294,792
Depreciation Reserve	270,767	281,365	291,963	302,560	313,158	323,756	334,354	344,952	355,550	366,148	376,746	387,344	387,344
Accumulated Deferred Taxes	1,542,372	1,550,767	1,559,162	1,567,557	1,575,952	1,584,347	1,592,742	1,601,137	1,609,532	1,617,928	1,626,323	1,634,718	1,634,718
Average Rate Base	5,491,150	5,472,157	5,453,164	5,434,171	5,415,178	5,396,185	5,377,192	5,358,199	5,339,206	5,320,213	5,301,220	5,282,227	5,282,227
Tax Depreciation Expense	31,151	31,151	31,151	31,151	31,151	31,151	31,151	31,151	31,151	31,151	31,151	31,151	373,807
CPI-TAX INTEREST													
Debt Return	10,662	10,625	10,588	10,551	10,514	10,478	10,441	10,404	10,367	10,330	10,293	10,256	125,510
Equity Return	24,664	24,579	24,494	24,408	24,323	24,238	24,153	24,067	23,982	23,897	23,811	23,726	290,343
Current Income Tax Requirement	7,601	7,549	7,497	7,446	7,394	7,342	7,290	7,238	7,186	7,134	7,083	7,031	87,792
Book Depreciation	10,598	10,598	10,598	10,598	10,598	10,598	10,598	10,598	10,598	10,598	10,598	10,598	127,176
AFUDC													
Deferred Taxes	8,395	8,395	8,395	8,395	8,395	8,395	8,395	8,395	8,395	8,395	8,395	8,395	100,741
Property Tax Expense	10,113	10,113	10,113	10,113	10,113	10,113	10,113	10,113	10,113	10,113	10,113	10,113	121,357
OATT Credit	16,352	16,312	16,273	16,233	16,194	16,154	16,115	16,075	16,036	15,996	15,957	15,917	193,612
Total Revenue Requirement	55,682	55,547	55,413	55,278	55,144	55,009	54,875	54,740	54,606	54,471	54,337	54,202	659,305
Rider Revenue Requirement	2,981	2,974	2,967	2,960	2,953	2,945	2,938	2,931	2,924	2,917	2,909	2,902	35,302
<b>NSM0953 Galloping Mitigate SPK</b>													
CWIP Balance	215,186	215,512	215,838	216,164	216,490	216,816	217,142	217,468	217,794	218,120	218,446	218,776	218,776
Plant In-Service	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535	7,061,535
Depreciation Reserve	337,000	348,487	359,974	371,462	382,949	394,436	405,924	417,411	428,898	440,386	451,873	463,360	463,360
Accumulated Deferred Taxes	1,550,392	1,557,377	1,564,362	1,571,347	1,578,333	1,585,318	1,592,303	1,599,288	1,606,273	1,613,259	1,620,244	1,627,229	1,627,229
Average Rate Base	5,398,402	5,380,256	5,362,109	5,343,963	5,325,816	5,307,670	5,289,523	5,271,376	5,253,230	5,235,083	5,216,937	5,198,792	5,198,792
Tax Depreciation Expense	29,215	29,215	29,215	29,215	29,215	29,215	29,215	29,215	29,215	29,215	29,215	29,215	350,581
CPI-TAX INTEREST													
Debt Return	634	637	640	643	645	648	651	654	657	660	662	665	7,797
Equity Return	10,482	10,447	10,411	10,376	10,341	10,306	10,270	10,235	10,200	10,165	10,130	10,094	123,457
Current Income Tax Requirement	24,248	24,166	24,085	24,003	23,922	23,840	23,759	23,677	23,596	23,514	23,433	23,351	285,594
Book Depreciation	8,593	8,546	8,498	8,450	8,402	8,354	8,306	8,259	8,211	8,163	8,115	8,067	99,964
AFUDC													
Deferred Taxes	11,487	11,487	11,487	11,487	11,487	11,487	11,487	11,487	11,487	11,487	11,487	11,487	137,848
Property Tax Expense	6,985	6,985	6,985	6,985	6,985	6,985	6,985	6,985	6,985	6,985	6,985	6,985	83,823
OATT Credit	9,790	9,790	9,790	9,790	9,790	9,790	9,790	9,790	9,790	9,790	9,790	9,790	117,476
Total Revenue Requirement	15,804	15,765	15,726	15,687	15,648	15,609	15,570	15,531	15,492	15,453	15,414	15,375	187,078
Rider Revenue Requirement	55,781	55,656	55,530	55,404	55,279	55,153	55,028	54,902	54,776	54,651	54,525	54,400	661,085
Rider Revenue Requirement	2,987	2,980	2,973	2,967	2,960	2,953	2,946	2,940	2,933	2,926	2,919	2,913	35,397
<b>NSP Reloc B</b>													
CWIP Balance	216,498	265,498	314,495	363,495	412,493	559,493	706,490	853,490	1,000,488	1,147,488	1,294,469	1,637,439	1,637,439
Plant In-Service	8,406,676	8,406,676	8,408,678	8,408,678	8,410,681	8,410,681	8,412,683	8,412,683	8,414,686	8,414,686	8,429,704	8,454,735	8,454,735
Depreciation Reserve	129,783	141,629	153,477	165,327	177,178	189,032	200,886	212,742	224,600	236,460	248,332	260,236	260,236
Accumulated Deferred Taxes	128,654	146,391	164,129	181,866	199,603	217,340	235,077	252,814	270,551	288,288	306,025	323,762	323,762
Average Rate Base	8,354,027	8,374,445	8,394,860	8,415,274	8,435,686	8,505,097	8,623,506	8,741,914	8,860,320	8,978,724	9,103,621	9,338,996	9,338,996
Tax Depreciation Expense	57,222	57,222	57,222	57,222	57,222	57,222	57,222	57,222	57,222	57,222	57,222	57,222	686,664
CPI-TAX INTEREST													
Debt Return	542	683	828	970	1,116	1,400	1,830	2,257	2,689	3,119	3,563	4,287	23,285
Equity Return	16,221	16,260	16,300	16,340	16,379	16,514	16,744	16,974	17,204	17,434	17,676	18,133	202,179
Current Income Tax Requirement	37,524	37,615	37,707	37,799	37,890	38,202	38,734	39,266	39,798	40,329	40,890	41,948	467,701
Book Depreciation	6,336	6,479	6,623	6,767	6,912	7,275	7,860	8,444	9,031	9,617	10,235	11,337	96,916
AFUDC													
Deferred Taxes	11,845	11,847	11,848	11,850	11,851	11,853	11,855	11,856	11,858	11,860	11,872	11,904	142,298
Property Tax Expense	17,737	17,737	17,737	17,737	17,737	17,737	17,737	17,737	17,737	17,737	17,737	17,737	212,845
OATT Credit	11,652	11,652	11,652	11,652	11,652	11,652	11,652	11,652	11,652	11,652	11,652	11,652	139,821
Total Revenue Requirement	23,127	23,187	23,247	23,307	23,367	23,551	23,857	24,162	24,468	24,774	25,099	25,700	287,847
Rider Revenue Requirement	78,187	78,403	78,620	78,837	79,054	79,682	80,725	81,767	82,811	83,854	84,963	87,011	973,913
Rider Revenue Requirement	4,186	4,198	4,210	4,221	4,233	4,266	4,322	4,378	4,434	4,490	4,549	4,659	52,147

Line 32 Att 4

Line 33 Att 4

Line 34 Att 4

Amounts in dollars

NSPM Rider Rev Req by Rider Project	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Annual 2018
<b>NSPM Major Line Rebuild</b>													
CWIP Balance	0	0	0	0	0	0	0	0	0	0	0	0	0
Plant In-Service	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733	6,316,733
Depreciation Reserve	260,618	270,894	281,170	291,445	301,721	311,997	322,273	332,548	342,824	353,100	363,376	373,651	373,651
Accumulated Deferred Taxes	1,326,652	1,333,619	1,340,585	1,347,552	1,354,518	1,361,485	1,368,451	1,375,417	1,382,384	1,389,350	1,396,317	1,403,283	1,403,283
Average Rate Base	4,738,084	4,720,842	4,703,599	4,686,357	4,669,115	4,651,873	4,634,631	4,617,388	4,600,146	4,582,904	4,565,662	4,548,420	4,548,420
Tax Depreciation Expense	27,258	27,258	27,258	27,258	27,258	27,258	27,258	27,258	27,258	27,258	27,258	27,258	327,093
CPI-TAX INTEREST													
Debt Return	9,200	9,166	9,133	9,099	9,066	9,032	8,999	8,965	8,932	8,898	8,865	8,832	108,188
Equity Return	21,282	21,204	21,127	21,050	20,972	20,895	20,817	20,740	20,662	20,585	20,507	20,430	250,271
Current Income Tax Requirement	6,847	6,800	6,753	6,706	6,659	6,612	6,565	6,518	6,471	6,424	6,376	6,329	79,060
Book Depreciation	10,276	10,276	10,276	10,276	10,276	10,276	10,276	10,276	10,276	10,276	10,276	10,276	123,309
AFUDC													
Deferred Taxes	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	6,966	83,597
Property Tax Expense	8,757	8,757	8,757	8,757	8,757	8,757	8,757	8,757	8,757	8,757	8,757	8,757	105,086
OATT Credit	14,376	14,340	14,304	14,268	14,232	14,196	14,160	14,124	14,089	14,053	14,017	13,981	170,139
Total Revenue Requirement	48,953	48,831	48,708	48,586	48,464	48,342	48,220	48,098	47,976	47,854	47,731	47,609	579,372
Rider Revenue Requirement	2,621	2,615	2,608	2,601	2,595	2,588	2,582	2,575	2,569	2,562	2,556	2,549	31,022
<b>NSPM Major Line Refurbishment</b>													
CWIP Balance	481,733	491,533	501,333	511,133	520,933	530,733	540,533	550,333	648,333	746,333	1,040,333	1,765,533	1,765,533
Plant In-Service													
Depreciation Reserve													
Accumulated Deferred Taxes	(888)	(1,651)	(2,414)	(3,177)	(3,940)	(4,703)	(5,466)	(6,229)	(6,992)	(7,755)	(8,518)	(9,281)	-9,281
Average Rate Base	477,340	487,903	498,466	509,029	519,592	530,155	540,718	551,281	605,944	704,707	901,470	1,411,833	1,411,833
Tax Depreciation Expense													
CPI-TAX INTEREST	1,373	1,405	1,438	1,470	1,502	1,535	1,568	1,600	1,761	2,048	2,619	4,096	22,415
Debt Return	927	947	968	988	1,009	1,029	1,050	1,070	1,177	1,368	1,750	2,741	15,025
Equity Return	2,144	2,191	2,239	2,286	2,334	2,381	2,429	2,476	2,722	3,165	4,049	6,341	34,758
Current Income Tax Requirement	1,674	1,722	1,771	1,819	1,868	1,916	1,965	2,014	2,260	2,705	3,589	5,880	29,183
Book Depreciation													
AFUDC													
Deferred Taxes	(763)	(763)	(763)	(763)	(763)	(763)	(763)	(763)	(763)	(763)	(763)	(763)	(9,156)
Property Tax Expense													
OATT Credit													
Total Revenue Requirement	3,982	4,098	4,214	4,331	4,447	4,564	4,681	4,797	5,396	6,475	8,625	14,200	69,811
Rider Revenue Requirement	213	219	226	232	238	244	251	257	289	347	462	760	3,738
<b>Prairie Sub Expansion</b>													
CWIP Balance													
Plant In-Service	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694	14,345,694
Depreciation Reserve	411,456	432,296	453,135	473,975	494,814	515,654	536,493	557,333	578,172	599,012	619,851	640,690	640,690
Accumulated Deferred Taxes	604,463	638,793	673,123	707,454	741,784	776,114	810,444	844,775	879,105	913,435	947,765	982,096	982,096
Average Rate Base	13,357,359	13,302,190	13,247,020	13,191,850	13,136,681	13,081,511	13,026,341	12,971,171	12,916,002	12,860,832	12,805,662	12,750,493	12,750,493
Tax Depreciation Expense	104,884	104,884	104,884	104,884	104,884	104,884	104,884	104,884	104,884	104,884	104,884	104,884	1,258,603
CPI-TAX INTEREST													
Debt Return	25,936	25,828	25,721	25,614	25,507	25,400	25,293	25,186	25,079	24,971	24,864	24,757	304,156
Equity Return	59,997	59,749	59,501	59,253	59,006	58,758	58,510	58,262	58,014	57,767	57,519	57,271	703,607
Current Income Tax Requirement	6,250	6,099	5,948	5,798	5,647	5,496	5,346	5,195	5,045	4,894	4,743	4,593	65,054
Book Depreciation	20,839	20,839	20,839	20,839	20,839	20,839	20,839	20,839	20,839	20,839	20,839	20,839	250,073
AFUDC													
Deferred Taxes	34,330	34,330	34,330	34,330	34,330	34,330	34,330	34,330	34,330	34,330	34,330	34,330	411,963
Property Tax Expense	19,888	19,888	19,888	19,888	19,888	19,888	19,888	19,888	19,888	19,888	19,888	19,888	238,656
OATT Credit	37,963	37,849	37,734	37,619	37,504	37,390	37,275	37,160	37,045	36,931	36,816	36,701	447,987
Total Revenue Requirement	129,276	128,885	128,495	128,104	127,713	127,322	126,932	126,541	126,150	125,759	125,368	124,978	1,525,523
Rider Revenue Requirement	6,922	6,901	6,880	6,859	6,838	6,817	6,796	6,775	6,755	6,734	6,713	6,692	81,682

Line 35 Att 4

Line 36 Att 4

Line 37 Att 4





# Legislative

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**TRANSMISSION COST RECOVERY RIDER**

Section No. 5

~~5th~~<sup>6th</sup> Revised Sheet No. 86

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**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 ~~\$0.003220~~\$0.003270 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.

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Date Filed: ~~09-30-16~~10-02-17

By: Christopher B. Clark

Effective Date: ~~04-01-17~~

President, Northern States Power Company, a Minnesota corporation

Case No. PU-~~16-658~~17-365

Order Date: ~~12-14-16~~

# **Non-Legislative**

**NORTH DAKOTA ELECTRIC RATE BOOK - NDPSC NO. 2**

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**TRANSMISSION COST RECOVERY RIDER**

Section No. 5  
6th 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	\$0.003270 per kWh
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C

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.

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Date Filed: 10-02-17

By: Christopher B. Clark

Effective Date:

President, Northern States Power Company, a Minnesota corporation

Case No. PU-17-365

Order Date:

## Proposed Customer Bill Notice

### Transmission Cost Recovery Rider Rate Increase Effective January 1, 2018

The Transmission Cost Recovery (TCR) line item on your bill recovers investment costs associated with transmission lines, substations, and equipment and certain regional transmission costs. Beginning January 1, 2018, the TCR rate will increase from \$0.003220 to \$0.003270 per kWh.

#### Residential Electric Service – Winter Month Bill Example

The chart below the impact on customer bills of the new TCR rate increase. The comparison does not reflect any other rate changes that may be happening concurrently.

Usage (kWh)	Prior				New				Change In Bill	Percent Increase
	Other Rates	Prior TCR Rate	Prior TCR Charge	Prior Bill	Other Charges	New TCR Rate	New TCR Charge	New Bill		
400	\$49.42	\$0.003220	<b>\$1.29</b>	\$50.71	\$49.42	\$0.003270	<b>\$1.31</b>	\$50.73	\$0.02	0.04%
500	\$58.15	\$0.003220	<b>\$1.61</b>	\$59.76	\$58.15	\$0.003270	<b>\$1.64</b>	\$59.79	\$0.03	0.05%
600	\$66.88	\$0.003220	<b>\$1.93</b>	\$68.81	\$66.88	\$0.003270	<b>\$1.96</b>	\$68.84	\$0.03	0.04%
750	\$79.97	\$0.003220	<b>\$2.42</b>	\$82.39	\$79.97	\$0.003270	<b>\$2.45</b>	\$82.42	\$0.03	0.04%
1000	\$101.80	\$0.003220	<b>\$3.22</b>	\$105.02	\$101.80	\$0.003270	<b>\$3.27</b>	\$105.07	\$0.05	0.05%
2000	\$189.10	\$0.003220	<b>\$6.44</b>	\$195.54	\$189.10	\$0.003270	<b>\$6.54</b>	\$195.64	\$0.10	0.05%

#### For more information

You may examine the new rate rider by visiting our website at [xcelenergy.com/ndrates](http://xcelenergy.com/ndrates).