

Line No.	TRACKER SUMMARY Requirements Compared to Billed:	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018
		March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	YE Actual	January Actual	February Projected	Collection Period
1	Revenue Requirements														
2	CAPX 2020 Fargo	7,292	7,291	7,341	7,292	7,292	7,305	7,293	7,293	7,293	7,292	87,877	6,614	6,578	86,175
3	CAPX 2020 Bemidji	1,889	1,872	1,894	1,889	1,915	1,922	1,889	1,889	1,901	1,889	22,740	1,725	1,719	22,390
4	Cass Lake-Nary-Helga-Bemidji	2,020	2,020	2,020	2,020	2,020	2,020	2,020	2,020	2,020	2,020	24,240	1,838	1,838	23,876
5	Rugby Wind Interconnection	48	48	48	48	48	48	48	48	48	48	575	43	43	566
6	Casselton – Buffalo 115 KV	3,366	3,366	3,366	3,366	3,366	3,366	3,366	3,366	3,366	3,366	40,397	5,815	5,815	45,294
7	Oakes Area Transmission	5,618	5,618	5,475	5,618	5,618	5,618	5,618	5,618	5,618	5,618	67,276	5,014	5,014	66,068
8	CAPX 2020 - Brookings	163	163	166	163	163	164	163	163	165	164	1,965	147	147	1,930
9	BSAT - Brookings												899	898	1,797
10	Total Revenue Requirements	20,397	20,378	20,310	20,396	20,422	20,444	20,397	20,397	20,411	20,398	245,070	22,094	22,052	248,095
11	SD Filing Fee	802	802	802	802	802	802	802	802	802	802	8,863	802	802	9,628
12	Preservation of ADIT Proration												159	159	1,913
13															
14	MISO & SPP Expenses														
15	MISO Schedule 26 Expense	141,851	95,016	67,701	86,837	98,951	101,011	97,108	85,838	140,449	131,372	1,180,059	121,178	110,540	1,277,853
16	MISO Schedule 26A Expense	50,573	41,711	38,631	41,199	42,937	47,965	42,084	41,858	53,907	47,430	583,439	69,823	64,150	582,268
17	SPP Schedule 7.8, or 9 Expense	53,178	31,536	29,205	25,181	39,022	26,044	28,527	27,611	26,943	27,567	377,825	7,668	19,112	341,596
18	SPP Schedule 11 Expense	1,882	1,487	1,184	954	1,474	918	1,281	824	945	952	14,291	317	1,611	13,830
19	Total MISO & SPP Expenses	247,484	169,750	136,721	154,172	182,384	175,938	169,000	156,132	222,244	207,322	2,155,614	198,986	195,414	2,215,546
20															
21	MISO Revenues														
22	MISO Schedule 9 Revenue	(134,002)	(29,035)	(8,811)	(9,783)	(13,274)	(12,525)	(10,253)	(13,524)	(22,872)	(25,047)	(326,919)	(23,276)	(3,287)	(305,690)
23	MISO Schedule 26 Revenue	(25,074)	(19,018)	(21,159)	(26,505)	(28,797)	(26,696)	(26,863)	(21,352)	(22,001)	(22,999)	(259,226)	(24,188)	(24,006)	(288,659)
24	MISO Schedule 37 Revenue	(165)	(166)	(187)	(163)	(163)	(163)	(163)	(163)	(163)	(163)	(1,852)	(157)	(0)	(1,815)
25	MISO Schedule 38 Revenue	(202)	(202)	(225)	(199)	(198)	(198)	(198)	(198)	(198)	(198)	(2,227)	(197)	(0)	(2,214)
26	MISO Schedule 26A Revenue	(506)	(476)	(499)	(581)	(638)	(649)	(551)	(514)	(497)	(470)	(6,536)	(1,500)	(1,423)	(8,304)
27	MISO MVP ARR Revenue	(373)	(168)	(153)	(138)	(304)	(185)	(67)	(53)	(61)	(75)	(2,364)	(543)	(340)	(2,457)
28	Total MISO Revenues	(160,322)	(49,064)	(31,033)	(37,370)	(43,373)	(40,417)	(38,095)	(35,804)	(45,792)	(48,952)	(599,123)	(49,860)	(29,056)	(609,138)
29															
30	Net Revenue Requirement	108,360	141,866	126,800	138,000	160,235	156,768	152,104	141,527	197,665	179,570	1,810,424	172,181	189,372	1,866,044
31															
32	Billed (forecast kWh x adj factor)	176,902	171,123	143,162	150,870	156,565	164,263	159,244	141,277	177,931	186,929	2,008,935	226,428	222,240	2,076,935
33															
34	Difference	(68,541)	(29,257)	(16,362)	(12,870)	3,670	(7,495)	(7,140)	250	19,735	(7,359)	(198,511)	(54,247)	(32,868)	(212,485)
35	Carrying Charge	(107)	(542)	(730)	(838)	(925)	(907)	(961)	(1,012)	(1,017)	(898)	(7,117)	(951)	(1,332)	(10,220)
36	Life-to-Date Revenue Requirement (Cumulative)	(85,623)	(115,421)	(132,513)	(146,221)	(143,476)	(151,879)	(159,980)	(160,741)	(142,023)	(150,281)	(150,281)	(205,478)	(239,678)	
37															
38	Carrying Charge Calculation	(542)	(730)	(838)	(924.85)	(907.49)	(961)	(1,012)	(1,017)	(898)	(951)		(1,332)	(1,554)	(11,666)
39	Cumulative Carrying Charge	3,995	3,265	2,427	1,502	595	(366)	(1,378)	(2,394)	(3,293)	(4,243)		(5,575)	(7,129)	(12,593)
40	Carrying cost	7.59%	7.59%	7.59%	7.59%	7.59%	7.59%	7.59%	7.59%	7.59%	7.59%		7.78%	7.78%	
41															
42	Forecasted Sales (MWh)													45,234	45,234
43															
44															
45															

Rates effective March 1, 2017 - February 28, 2018;
Commission Approved February 17, 2017:

SUMMARY	Mar 2017 -
	Feb 2018
Revenue requirements	\$2,146,128
Carrying Charge	(4,049)
2016 True-Up	(88,873)
Total requirements	\$2,053,206
Mar 2017-Feb 2018 projected sales in MWh	417,898
Average Charge	\$0.00491

Line No.	TRACKER SUMMARY Requirements Compared to Billed:	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2019	2019
		March Projected	April Projected	May Projected	June Projected	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	YE Projected	January Projected	February Projected	Collection Period
1	Revenue Requirements														
2	CAPX 2020 Fargo	6,638	6,578	4,244								30,652			4,244
3	CAPX 2020 Bemidji	1,846	1,719	1,109								8,117			1,109
4	Cass Lake-Nary-Helga-Bemidji	1,838	1,838	1,186								8,537			1,186
5	Rugby Wind Interconnection	43	43	28								202			28
6	Casselton – Buffalo 115 KV	5,815	5,818	3,754								27,017			3,754
7	Oakes Area Transmission	5,014	5,014	3,235								23,290			3,235
8	CAPX 2020 - Brookings	148	147	95								683			95
9	BSAT - Brookings	898	899	581								4,175			581
10	Total Revenue Requirements	22,241	22,056	14,230	0	0	0	0	0	0	102,673	0	0	14,230	
11	SD Filing Fee	417	417	417	417	417	417	417	417	417	5,771	417	417	4,167	
12	Preservation of ADIT Proration														
13															
14	MISO & SPP Expenses														
15	MISO Schedule 26 Expense	105,572	90,668	76,470	80,214	93,002	93,002	80,214	90,677	93,002	116,253	1,150,793	111,032	101,875	935,741
16	MISO Schedule 26A Expense	62,441	54,826	49,968	47,189	51,147	51,136	48,917	51,431	57,316	63,978	672,324	76,449	68,525	566,058
17	SPP Schedule 7.8, or 9 Expense	19,112	19,112	18,678	17,889	17,889	17,889	17,889	17,889	17,889	17,889	208,907	18,068	18,068	180,037
18	SPP Schedule 11 Expense	1,611	1,611	1,575	1,508	1,508	1,508	1,508	1,508	1,508	1,508	17,283	1,523	1,523	15,179
19	Total MISO & SPP Expenses	188,737	166,217	146,691	146,801	163,547	163,535	148,529	161,506	169,716	199,628	2,049,307	207,072	189,991	2,051,969
20	MISO Revenues														
21	MISO Schedule 9 Revenue	(14,970)	(10,014)	(6,468)	(5,214)	(7,972)	(5,719)	(4,643)	(8,834)	(10,923)	(15,215)	(116,539)	(10,463)	(\$5,286)	(80,739)
22	MISO Schedule 26 Revenue	(24,006)	(24,006)	(23,461)	(22,469)	(22,469)	(22,469)	(22,469)	(22,469)	(22,469)	(22,469)	(276,953)	(21,543)	(21,543)	(223,832)
23	MISO Schedule 37 Revenue	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(157)	(0)	(0)	(0)
24	MISO Schedule 38 Revenue	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(197)	(0)	(0)	(0)
25	MISO Schedule 26A Revenue	(1,411)	(1,399)	(1,382)	(1,349)	(1,370)	(1,375)	(1,337)	(1,323)	(1,317)	(1,307)	(16,492)	(1,528)	(1,499)	(13,787)
26	MISO MVP ARR Revenue	(340)	(340)	(332)	(318)	(318)	(318)	(318)	(318)	(318)	(318)	(4,118)	(318)	(318)	(3,192)
27	Total MISO Revenues	(40,726)	(35,758)	(31,643)	(29,351)	(32,129)	(29,881)	(28,768)	(32,945)	(35,027)	(39,309)	(414,455)	(33,851)	(28,645)	(321,550)
28	Net Revenue Requirement	170,668	152,931	129,695	117,867	131,834	134,071	120,177	128,977	135,105	160,736	1,743,296	173,638	161,762	1,393,862
29	Billed (forecast kWh x adj factor)	158,213	138,349	96,855	97,682	107,484	116,211	104,373	104,703	120,154	136,901	1,629,595	144,710	141,527	1,170,601
30	Difference	12,455	14,582	32,840	20,185	24,349	17,859	15,804	24,275	14,951	23,834	113,701	28,928	20,235	223,261
31	Carrying Charge	(1,554)	(1,483)	(1,398)	(1,194)	(1,071)	(920)	(811)	(713)	(561)	(467)	(12,456)	(316)	(130)	(7,583)
32	Life-to-Date Revenue Requirement (Cumulative)	(228,777)	(215,678)	(184,236)	(165,246)	(141,968)	(125,029)	(110,036)	(86,474)	(72,084)	(48,717)		(20,105)	0	(953,896)
33	Carrying Charge Calculation	(1,483)	(1,398)	(1,194)	(1,071)	(920)	(811)	(713)	(561)	(467)	(316)		(130)	0	(6,184)
34	Cumulative Carrying Charge	(8,613)	(10,011)	(11,205)	(12,277)	(13,197)	(14,008)	(14,721)	(15,282)	(15,749)	(16,065)		(16,195)	(16,195)	(144,894)
35	Carrying cost	7.78%	7.78%	7.78%	7.78%	7.78%	7.78%	7.78%	7.78%	7.78%	7.78%		7.78%	7.78%	
36	Forecasted Sales (MWh)	38,416	33,593	29,916	30,171	33,199	35,894	32,238	32,340	37,112	42,285	390,397	44,697	43,714	361,565

Rates effective March 1, 2018 - February 28, 2019;

Commission Approved February 28, 2018:

Proposed May 21, 2018 - February 28, 2019

SUMMARY	Mar 2018 -	SUMMARY	May 2018 -
	Feb 2019		Feb 2019
Revenue requirements	\$1,997,460	Revenue requirements	\$1,393,862
Carrying Charge	(10,148)	Carrying Charge	(7,583)
True-Up	(208,321)	True-Up	(215,678)
Total requirements	\$1,778,991	Total requirements	\$1,170,601
Mar 2018-Feb 2019 projected sales in MWh	431,959	May 2018-Feb 2019 projected sales in MWh	361,565
Average Charge	\$0.00412	Average Charge	\$0.00324

Class Allocation and Rate Design

Line No.	Recovery Period	May '18 - Feb '19
1	Total South Dakota Revenue Requirements	\$1,170,601
2	Large General Service Class	\$497,999
3	Controlled Service	\$17,908
4	Lighting	\$7,899
5	All Other Service	\$646,794
6	Total	\$1,170,601
7	Large General Service Class	323,942
8	Large General Service Class	178,299,749
9	Controlled Service	25,985,110
10	Lighting	3,615,463
11	All Other Service	153,664,730
12	Large General Service Class	0.538
13	Large General Service Class	0.182
14	Controlled Service	0.069
15	Lighting	0.218
16	All Other Service	0.421

* Jurisdictional transmission allocation factor (D2 = 9.187%) is proposed in Otter Tail's general rate case in South Dakota Docket No. EL18-____.

** LGS revenue is 35% demand and 65% energy