

Montana-Dakota Utilities Co.
Electric Utility - South Dakota
Transmission Cost Recovery Rider
Summary of Revenue and Expenses Allocated to South Dakota
Twelve Months Ended December 31, 2019

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Facility Sharing Agreement	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,337	\$244,000
MISO													
Revenue/Credits													
Schedule 1	3,221	2,951	2,983	2,750	2,815	2,573	2,668	2,648	2,576	2,807	2,732	2,902	33,626
Schedule 2	33,301	28,475	28,979	26,954	25,733	21,089	22,555	22,480	19,938	22,117	24,601	24,491	300,713
Schedule 7	102,004	92,128	102,447	98,675	107,141	77,336	79,887	79,894	77,457	83,517	74,890	77,203	1,052,579
Schedule 8	1,463	3,909	3,253	2,178	2,327	1,715	1,162	1,750	2,134	2,592	1,969	1,498	25,950
Schedule 9	472,846	372,282	340,977	302,020	246,442	272,318	305,795	304,017	235,682	282,579	381,217	358,320	3,874,495
Sch. 9 Pay to Basin	(61,876)	(61,876)	(61,876)	(61,876)	(61,876)	(61,876)	(55,540)	(55,540)	(55,540)	(55,540)	(55,540)	(55,540)	(704,496)
Schedule 24	71,283	111,554	8,809	59,478	76,502	60,430	61,860	78,783	58,915	75,592	41,745	73,425	778,376
Schedule 26	89,604	77,111	85,233	72,191	79,020	92,627	109,880	103,664	152,390	91,165	86,303	91,058	1,130,246
Schedule 37	962	962	962	962	962	963	963	963	963	963	963	963	11,551
Schedule 38	1,139	1,139	1,139	1,139	1,139	1,131	1,131	1,131	1,131	1,131	1,131	1,131	13,612
Misc													0
	713,947	628,635	512,906	504,471	480,205	468,306	530,361	539,790	495,646	506,923	560,011	575,451	6,516,652
Charges													
Schedule 10													
Energy	59,151	49,391	64,711	46,802	43,068	41,420	30,760	38,046	49,400	56,255	44,327	55,730	579,061
Demand	4,309	3,598	4,714	3,409	3,137	3,017	2,241	2,772	3,599	4,098	3,229	4,060	42,183
FERC	14,873	15,430	17,203	16,382	16,980	19,247	21,494	20,549	19,956	18,731	18,017	20,988	219,850
	78,333	68,419	86,628	66,593	63,185	63,684	54,495	61,367	72,955	79,084	65,573	80,778	841,094
Schedule 11 - Misc	0	86	0	(203,704)	0	0	368	(24)	0	0	0	0	(203,274)
Schedule 26	165,376	164,310	182,851	126,147	130,754	148,140	165,358	166,468	162,218	152,262	146,459	170,605	1,880,948
Schedule 26A	498,702	427,113	433,151	370,091	372,166	390,531	370,070	391,410	349,441	365,053	401,212	464,130	4,833,070
	742,411	659,928	702,630	359,127	566,105	602,355	590,291	619,221	584,614	596,399	613,244	715,513	7,351,838

Montana-Dakota Utilities Co.
Electric Utility - South Dakota
Transmission Cost Recovery Rider
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Twelve Months Ended December 31, 2019

	January	February	March	April	May	June	July	August	September	October	November	December	Total
SPP													
Revenue/Credits													
Facility Credits	854,291	865,702	859,997	859,997	859,996	859,996	859,996	859,996	859,997	859,997	859,997	859,996	10,319,958
Charges													
Schedule 1	59,444	72,991	60,193	55,115	32,054	36,276	66,415	55,657	67,351	38,975	60,653	61,427	666,551
Schedule 1a	97,794	74,761	68,270	92,373	79,237	87,309	79,123	254,670	(166,460)	162,804	87,309	78,810	996,000
Schedule 2	0	0	0	0	0	0	0	0	0	0	0	6,901	6,901
Schedule 8	(2)	0	5,259	(2,630)	0	0	0	0	0	0	0	0	2,627
Schedule 9	1,437,999	1,303,252	1,368,798	1,370,058	1,358,383	1,364,134	1,457,441	1,417,846	1,414,317	1,414,317	1,414,327	1,405,474	16,726,346
Schedule 11	121,363	118,758	132,833	134,215	218,831	102,530	129,083	136,215	140,024	137,678	137,413	135,886	1,644,829
Schedule 12	15,974	16,638	16,377	27,646	13,120	15,978	17,669	21,806	18,839	14,291	21,669	22,868	222,875
	1,732,572	1,586,400	1,651,730	1,676,777	1,701,625	1,606,227	1,749,731	1,886,194	1,474,071	1,768,065	1,721,371	1,711,366	20,266,129
Total Revenue/Credits													
Facility Sharing	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,333	20,337	244,000
MISO	713,947	628,635	512,906	504,471	480,205	468,306	530,361	539,790	495,646	506,923	560,011	575,451	6,516,652
SPP	854,291	865,702	859,997	859,997	859,996	859,996	859,996	859,996	859,997	859,997	859,997	859,996	10,319,958
	1,588,571	1,514,670	1,393,236	1,384,801	1,360,534	1,348,635	1,410,690	1,420,119	1,375,976	1,387,253	1,440,341	1,455,784	17,080,610
Allocated to SD 1/ Transmission in Base 2/	84,072	80,161	73,734	73,288	72,003	71,374	74,658	75,157	72,821	73,417	76,227	77,044	903,956
	12,066	11,968	10,351	8,971	10,763	6,930	9,023	7,997	7,288	7,649	15,144	16,547	124,697
	72,006	68,193	63,383	64,317	61,240	64,444	65,635	67,160	65,533	65,768	61,083	60,497	779,259
Total Charges													
MISO	742,411	659,928	702,630	359,127	566,105	602,355	590,291	619,221	584,614	596,399	613,244	715,513	7,351,838
SPP	1,732,572	1,586,400	1,651,730	1,676,777	1,701,625	1,606,227	1,749,731	1,886,194	1,474,071	1,768,065	1,721,371	1,711,366	20,266,129
	2,474,983	2,246,328	2,354,360	2,035,904	2,267,730	2,208,582	2,340,022	2,505,415	2,058,685	2,364,464	2,334,615	2,426,879	27,617,967
Allocated to SD 1/ SD PUC Assessment	130,983	118,882	124,600	107,746	120,015	116,885	123,841	132,594	108,952	125,134	123,555	128,437	1,461,624
	130,983	118,882	124,600	107,746	121,210	118,015	123,841	132,594	108,952	125,134	123,555	128,437	1,463,949
Net Expense	\$58,977	\$50,689	\$61,217	\$43,429	\$59,970	\$53,571	\$58,206	\$65,434	\$43,419	\$59,366	\$62,472	\$67,940	\$684,690
Transmission Revenue Requirements	19	19	18	18	18	18	18	18	18	487	577	569	1,797
Total Revenue Requirement	\$58,996	\$50,708	\$61,235	\$43,447	\$59,988	\$53,589	\$58,224	\$65,452	\$43,437	\$59,853	\$63,049	\$68,509	\$686,487

Montana-Dakota Utilities Co.
Electric Utility - South Dakota
Transmission Rider
Revenue Requirement - Leola Substation / Lines
Actual 2019

	Actual												Average Balance
	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	June 2019	July 2019	Aug 2019	Sept 2019	Oct 2019	Nov 2019	Dec 2019	
Rate Base													
Total Plant Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,561	\$66,954	\$66,225	
Total Accumulated Reserve	0	0	0	0	0	0	0	0	0	0	88	176	
Net Plant in Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,561	\$66,866	\$66,049	\$16,623
Accum Def Income Taxes 1/	37	71	101	128	152	172	189	202	212	219	223	223	
Total Rate Base	(\$37)	(\$71)	(\$101)	(\$128)	(\$152)	(\$172)	(\$189)	(\$202)	(\$212)	\$66,342	\$66,643	\$65,826	\$16,462
Return on Rate Base 2/	\$0	\$0	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	\$399	\$401	\$396	\$1,189
Expenses													
Operating Expenses													Total
Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$88	\$176
Taxes Other Than Income 3/	19	19	19	19	19	19	19	19	19	19	19	16	225
Total Expenses	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$107	\$104	\$401
Income before Taxes	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$107)	(\$104)	
Interest Expense	0	0	0	0	0	0	0	0	0	143	143	141	427
Taxable income	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$19)	(\$162)	(\$250)	(\$245)	(\$828)
Income Taxes 4/	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$34)	(\$53)	(\$51)	(\$174)
Operating Income	(\$15)	(\$15)	(\$15)	(\$15)	(\$15)	(\$15)	(\$15)	(\$15)	(\$15)	\$15	(\$54)	(\$53)	(\$227)
Increase in Operating Income Required	\$15	\$15	\$14	\$14	\$14	\$14	\$14	\$14	\$14	\$384	\$455	\$449	\$1,416
Gross Revenue Conversion Factor 4/	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582	1.26582
Revenue Increase	\$19	\$19	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$486	\$576	\$568	\$1,794
Gross Receipts Tax (.0015)	0	0	0	0	0	0	0	0	0	1	1	1	3
Total Revenue Requirement	\$19	\$19	\$18	\$18	\$18	\$18	\$18	\$18	\$18	\$487	\$577	\$569	\$1,797

1/ Monthly Deferred Income Tax activity is 2019 DIT activity. Monthly activity prorated based on DIT proration methodology.

	Leola
DIT activity 2019:	9,070
SD Factor #15:	5.292291%
SD projected activity:	480
Monthly:	40

	January	February	March	April	May	June	July	August	September	October	November	December
Leola	91.78%	84.11%	75.62%	67.40%	58.90%	50.68%	42.19%	33.70%	25.48%	16.99%	8.77%	0.27%
	37	34	30	27	24	20	17	13	10	7	4	0

2/ Authorized ROR per Docket No. EL15-024. 7.216%

3/ Property Tax:

Total Property Tax:	4,255
SD Allocation:	5.292291%
Annual Property Tax:	225
Monthly Tax:	19

4/ Income Taxes:

Tax Rate	21.0000% (Federal Tax Rate = 21%, SD State Tax Rate = 0%)
1- tax rate	79.0000%
Gross Revenue Conversion Factor	1.26582