

**Montana-Dakota Utilities Co.
Electric Utility - South Dakota
Infrastructure Rider
Revenue Requirement
Actual 2022**

	Actual												Average Balance
	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	June 2022	July 2022	Aug 2022	Sept 2022	Oct 2022	Nov 2022	Dec 2022	
Rate Base													
Plant Balance:													
Thunder Spirit	\$13,893,028	\$13,893,028	\$13,888,627	\$13,888,627	\$13,889,154	\$13,889,159	\$13,890,882	\$13,890,882	\$13,890,980	\$13,844,051	\$13,846,554	\$13,837,579	
Infrastructure Projects	3,548,092	3,549,446	3,550,478	3,550,512	3,550,625	3,552,350	3,555,489	3,559,990	3,560,042	3,611,054	3,610,723	3,612,605	
Total Plant Balance	\$17,441,120	\$17,442,474	\$17,439,105	\$17,439,139	\$17,439,779	\$17,441,509	\$17,446,371	\$17,450,872	\$17,451,022	\$17,455,105	\$17,457,277	\$17,450,184	\$17,446,163
Accumulated Depreciation:													
Thunder Spirit	\$2,613,706	\$2,659,254	\$2,700,399	\$2,750,477	\$2,796,009	\$2,841,544	\$2,887,410	\$2,932,951	\$2,978,489	\$2,923,239	\$2,968,622	\$2,995,354	
Infrastructure Projects	129,067	133,847	138,629	143,410	148,192	152,975	157,760	162,552	167,348	172,146	177,031	181,914	
Total Accumulated Reserve	\$2,742,773	\$2,793,101	\$2,839,028	\$2,893,887	\$2,944,201	\$2,994,519	\$3,045,170	\$3,095,503	\$3,145,837	\$3,095,385	\$3,145,653	\$3,177,268	\$2,992,694
Net Plant in Service	\$14,698,347	\$14,649,373	\$14,600,077	\$14,545,252	\$14,495,578	\$14,446,990	\$14,401,201	\$14,355,369	\$14,305,185	\$14,359,720	\$14,311,624	\$14,272,916	\$14,453,469
Additions:													
Deferred Tax on Invest. Tax Credit	\$30,705	\$32,885	\$35,064	\$37,244	\$39,423	\$41,603	\$43,782	\$45,962	\$48,141	\$50,321	\$34,820	\$36,115	
Reductions:													
Accum Def Income Taxes - Thunder Spirit	2,678,161	2,673,718	2,669,724	2,666,164	2,663,053	2,660,376	2,658,148	2,656,368	2,655,022	2,654,125	2,653,662	2,653,648	
Accum Def Income Taxes - Infrastructure Proj.	90,416	92,879	95,093	97,066	98,791	100,275	101,510	102,497	103,243	103,740	103,997	104,005	
Accumulated Investment Tax Credit	125,815	134,746	143,676	152,607	161,538	170,468	179,399	188,330	197,260	206,191	142,676	147,981	
Total Rate Base	\$11,834,660	\$11,780,915	\$11,726,648	\$11,666,659	\$11,611,619	\$11,557,474	\$11,505,926	\$11,454,136	\$11,397,801	\$11,445,985	\$11,446,109	\$11,403,397	\$11,569,277
Return on Rate Base 1/	\$71,166	\$70,843	\$70,516	\$70,156	\$69,825	\$69,499	\$69,189	\$68,878	\$68,539	\$68,829	\$68,829	\$68,572	\$834,841
Expenses													
Operating Expenses													Total
O&M	\$16,114	\$13,092	\$14,518	\$14,480	\$14,482	\$14,739	\$14,416	\$14,979	\$14,591	\$14,727	\$14,703	\$54,110	
Commission Expense	11,427	0	176	0	2,665	0	956	0	0	0	125	0	
Insurance - Property	910	910	910	910	910	910	910	910	910	910	910	910	
Depreciation - Thunder Spirit	45,528	45,547	45,547	45,533	45,533	45,535	45,534	45,540	45,540	45,541	45,384	45,393	
Depreciation - Infrastructure Projects	4,664	4,779	4,780	4,782	4,782	4,783	4,785	4,791	4,797	4,797	4,883	4,883	
Payroll Taxes - Thunder Spirit	50	37	49	38	41	54	42	77	50	45	34	75	
Taxes Other Than Income	3,523	3,523	3,523	3,523	3,523	3,523	3,523	3,523	3,523	3,523	3,523	3,528	
Total Expenses	\$82,216	\$67,888	\$69,503	\$69,266	\$71,936	\$69,544	\$70,166	\$69,820	\$69,411	\$69,543	\$69,562	\$108,899	\$887,754
Income before Taxes	(\$82,216)	(\$67,888)	(\$69,503)	(\$69,266)	(\$71,936)	(\$69,544)	(\$70,166)	(\$69,820)	(\$69,411)	(\$69,543)	(\$69,562)	(\$108,899)	
Interest Expense	25,435	25,319	25,203	25,074	24,955	24,839	24,728	24,617	24,496	24,599	24,600	24,508	298,373
AFUDC Equity Add Back	698	698	698	698	698	698	698	698	698	698	698	697	8,375
Taxable income	(\$106,953)	(\$92,509)	(\$94,008)	(\$93,642)	(\$96,193)	(\$93,685)	(\$94,196)	(\$93,739)	(\$93,209)	(\$93,444)	(\$93,464)	(\$132,710)	(\$1,177,752)
Income Taxes 2/	(\$22,460)	(\$19,427)	(\$19,742)	(\$19,665)	(\$20,201)	(\$19,674)	(\$19,781)	(\$19,685)	(\$19,574)	(\$19,623)	(\$19,627)	(\$27,869)	(\$247,328)
Less: Production Tax Credit	87,812	76,482	72,080	70,856	59,829	42,879	35,809	40,089	44,974	56,574	72,993	52,850	713,227
ARAM Amortization	2,947	2,947	2,947	2,947	2,947	2,947	2,947	2,947	2,947	2,947	2,947	2,944	35,361
Net Income Taxes	(\$113,219)	(\$98,856)	(\$94,769)	(\$93,468)	(\$82,977)	(\$65,500)	(\$58,537)	(\$62,721)	(\$67,495)	(\$79,144)	(\$95,567)	(\$83,663)	(\$995,916)
Operating Income	\$31,003	\$30,968	\$25,266	\$24,202	\$11,041	(\$4,044)	(\$11,629)	(\$7,099)	(\$1,916)	\$9,601	\$26,005	(\$25,236)	\$108,162
Increase in Operating Income Required	\$40,163	\$39,875	\$45,250	\$45,954	\$58,784	\$73,543	\$80,818	\$75,977	\$70,455	\$59,228	\$42,824	\$93,808	\$726,679
Gross Revenue Conversion Factor 2/	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	\$50,839	\$50,475	\$57,278	\$58,169	\$74,410	\$93,092	\$102,301	\$96,173	\$89,183	\$74,972	\$54,207	\$118,744	\$919,843
Gross Receipts Tax (.0015)	76	76	86	87	112	140	153	144	134	112	81	178	1,379
Total Revenue Requirement	\$50,915	\$50,551	\$57,364	\$58,256	\$74,522	\$93,232	\$102,454	\$96,317	\$89,317	\$75,084	\$54,288	\$118,922	\$921,222

1/ Authorized ROR per Docket No. EL15-024.

7.216%

2/ Tax Rate
1- tax rate
Gross Revenue Conversion Factor

21.0000% (Federal Tax Rate = 21%, SD State Tax Rate = 0%)
79.0000%
1.26582