

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CASE NO. PU-20-__
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**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PROJECTED OPERATING INCOME AND RATE OF RETURN
REFLECTING ADDITIONAL REVENUE REQUIREMENTS
PROJECTED 2021**

	Before Additional Revenue Requirements 1/	Additional Revenue Requirements	Reflecting Additional Revenue Requirements
Operating Revenues			
Sales	\$112,506,332	\$8,972,424	\$121,478,756
Transportation	2,242,323		2,242,323
Other	3,472,064		3,472,064
Total Revenues	<u>118,220,719</u>	<u>8,972,424</u>	<u>127,193,143</u>
Operating Expenses			
Operation and Maintenance			
Cost of Gas	73,319,285		73,319,285
Other O&M	23,968,702		23,968,702
Total O&M	<u>97,287,987</u>		<u>97,287,987</u>
Depreciation	11,543,996		11,543,996
Taxes Other Than Income	2,710,719		2,710,719
Income Taxes	(27,247)	2,189,711 2/	2,162,464
Total Expenses	<u>111,515,455</u>	<u>2,189,711</u>	<u>113,705,166</u>
Operating Income	<u>\$6,705,264</u>	<u>\$6,782,713</u>	<u>\$13,487,977</u>
Rate Base	<u>\$184,665,625</u>		<u>\$184,665,625</u>
Rate of Return			
	<u>3.631%</u>		<u>7.304%</u>

1/ Statement A, Page 2.

2/ Reflects state and federal taxes at 24.4049%.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
INCOME STATEMENT
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books 2019	Projected 2020	Projected 2021	Reference
Operating Revenues				
Sales	\$116,317,283	\$111,428,871	\$112,506,332	Statement F
Transportation	3,430,692	2,231,071	2,242,323	Statement F
Other	3,856,345	3,470,866	3,472,064	Statement F
Total Revenues	<u>123,604,320</u>	<u>117,130,808</u>	<u>118,220,719</u>	
Operating Expenses				
Operation and Maintenance				
Cost of Gas	77,820,648	72,535,424	73,319,285	Statement G
Other O&M	22,738,841	23,090,034	23,968,702	Statement G
Total O&M	<u>100,559,489</u>	<u>95,625,458</u>	<u>97,287,987</u>	
Depreciation and Amortization	10,272,599	10,732,308	11,543,996	Statement H
Taxes Other Than Income	2,562,018	2,587,579	2,710,719	Statement I
Current Income Taxes	(1,232,594)	652,170	(27,247)	Statement J
Deferred Income Taxes	2,237,517			
Total Expenses	<u>114,399,029</u>	<u>109,597,515</u>	<u>111,515,455</u>	
Operating Income	<u>\$9,205,291</u>	<u>\$7,533,293</u>	<u>\$6,705,264</u>	
Rate Base	<u>\$165,356,024</u>	<u>\$168,217,732</u>	<u>\$184,665,625</u>	
Rate of Return	<u>5.567%</u>	<u>4.478%</u>	<u>3.631%</u>	

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE RATE BASE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books Average	Projected		Reference
		2020	2021	
Gas Plant in Service	\$305,656,931	\$308,074,611	\$325,928,741	Statement B
Accumulated Reserve for Depreciation	109,560,560	116,841,322	124,807,754	Statement C
Net Gas Plant in Service	\$196,096,371	\$191,233,289	\$201,120,987	
Additions:				
Materials and Supplies	\$2,082,281	\$2,538,800	\$2,538,800	Statement D
Fuel Stock	38,773	35,198	35,198	Statement D
Prepayments	48,543	278,648	276,676	Statement D
Gas in Underground Storage	43,645	25,259	0	Statement D
Prepaid Demand/Commodity	7,589	5,689		Statement D
Unamortized Loss on Debt	410,422	356,501	298,810	Statement D
Unamort. Redemption Cost of Pref. Stock	55,363	51,385	47,407	Statement D
Gain/Loss on Sale	512,853	490,410	467,967	Statement D
Provision for Pension & Benefits		7,873,218	16,296,452	Statement D
Provision for Post Retirement		271,249	542,497	Statement D
Total Additions	\$3,199,468	\$11,926,357	\$20,503,807	
Total Before Deductions	\$199,295,839	\$203,159,646	\$221,624,794	
Deductions:				
Accumulated Deferred Income Taxes	\$23,357,955	\$26,130,493	\$28,172,298	Statement J
Customer Advances	\$10,581,859	8,811,421	8,786,871	Statement D
Total Deductions	\$33,939,814	\$34,941,914	\$36,959,169	
Total Rate Base	\$165,356,024	\$168,217,732	\$184,665,625	

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT IN SERVICE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books 2019	Projected 2020 1/	Average 2020 1/	Projected 2021 1/	Average 2021 1/
Transmission	\$2,000,051	\$2,000,051	\$2,000,051	\$2,000,051	\$2,000,051
Distribution 2/	243,870,547	257,845,986	250,858,267	274,890,733	266,368,360
General	15,722,066	14,756,939	15,239,504	14,848,937	14,802,939
Intangible Plant - General 2/	6,444,570	6,673,518	6,559,044	6,740,136	6,706,827
Common	16,487,347	18,440,504	17,463,927	19,179,529	18,810,017
Intangible Plant - Common	15,171,417	16,541,687	15,856,552	17,744,874	17,143,281
Acquisition Adjustment	97,266	97,266	97,266	97,266	97,266
Total	\$299,793,264	\$316,355,951	\$308,074,611	\$335,501,526	\$325,928,741

1/ Statement B, Schedule B-1, Page 1.

2/ Excludes Gwinner Pipeline. See Statement B, Schedule B-1, Page 3.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT IN SERVICE**

GAS UTILITY - NORTH DAKOTA

**TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	Per Books 2019	2020		Average 2020	2021		Average 2021
		Additions 1/ \$0	Retirements 2/ \$0		Balance	Retirements 2/ \$0	
Transmission	\$243,870,547	\$15,170,405	(\$1,194,966)	\$250,858,267	\$18,308,192	(\$1,263,445)	\$266,368,360
<u>General</u>							
Other	\$3,379,936	\$365,194	(\$426,210)	\$3,349,428	\$1,102,782	(\$418,516)	\$3,661,053
Structures & Improvements	3,275,507	0	(\$413,041)	3,068,987	86,923	(\$360,957)	2,725,449
Computer Equipment	1,401	1,235	(177)	1,930	2,043	(\$310)	3,326
Vehicles	4,524,725	346,833	(570,568)	4,412,858	542,500	(\$542,355)	4,301,063
Work Equipment	4,540,497	304,164	(572,557)	4,406,301	218,600	(\$538,712)	4,112,048
Total General	\$15,722,066	\$1,017,426	(\$1,982,553)	\$15,239,504	\$1,952,848	(\$1,860,850)	\$14,848,937
General Intangible 3/	\$6,444,570	\$228,948	\$0	\$6,559,044	\$66,618	\$0	\$6,706,827
<u>Common</u>							
Other	\$3,136,187	\$222,646	(\$81,227)	\$3,206,897	\$513,470	(\$84,890)	\$3,491,896
Structures & Improvements	11,049,595	1,669,979	(\$286,185)	11,741,492	344,640	(\$322,025)	12,444,697
Computer Equipment	840,603	307,371	(21,772)	983,403	126,251	(\$29,169)	1,174,743
Vehicles	1,460,962	180,184	(37,839)	1,532,135	232,274	(\$41,526)	1,698,681
Total Common	\$16,487,347	\$2,380,180	(\$427,023)	\$17,463,927	\$1,216,635	(\$477,610)	\$18,810,017
Common Intangible	\$15,171,417	\$1,370,270	\$0	\$15,856,552	\$1,203,187	\$0	\$17,143,281
Acquisition Adjustment	\$97,266	\$0	\$0	\$97,266	\$0	\$0	\$97,266
Total Gas Plant in Service	\$299,793,264	\$20,167,229	(\$3,604,542)	\$308,074,611	\$22,747,480	(\$3,601,905)	\$325,928,741

1/ Statement B, Schedule B-2, Page 1.
2/ Based on three-year average of retirements.
3/ Excludes Gwinner Pipeline.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE PLANT IN SERVICE
GAS UTILITY - NORTH DAKOTA
FOR THE YEAR ENDING DECEMBER 31

Acct. No.	Account	Per Books Plant		
		2018	2019	Average
	<u>Transmission Plant</u>			
365.1	Land	\$1,399	\$1,382	\$1,391
365.2	Land Rights	39,619	39,133	39,376
367	Mains	1,527,413	1,523,484	1,525,448
369	Measuring/Regulating Equipment	437,062	436,052	436,557
	Total Transmission Plant	\$2,005,493	\$2,000,051	\$2,002,772
	<u>Distribution Plant</u>			
374.1	Land	\$1,013,061	\$1,042,775	\$1,027,918
374.2	Land Rights	1,266,355	1,279,696	1,273,026
375	Structures & Improvements	870,415	877,074	873,745
376	Mains	138,606,874	144,377,306	141,492,089
378	Meas. & Reg. Equip.	1,796,137	2,004,356	1,900,247
379	Meas. & Reg. Equip.	8,088,486	8,949,591	8,519,039
380	Services	50,138,247	54,783,560	52,460,903
381	Meters	31,680,795	32,981,658	32,331,226
383	Service Regulators	4,402,260	4,826,938	4,614,599
385	Ind. Meas. & Reg. Station Equip.	1,992,042	2,049,784	2,020,913
386.1	Misc. Property on Cust. Premise	1,680	1,680	1,680
386.2	CNG Refueling Stations	113,207	0	56,604
387.1	Cathodic Protection Equip.	1,514,388	1,727,082	1,620,735
387.2	Other Distribution Equip.	442,683	442,683	442,683
	Total Distribution Plant	\$241,926,630	\$255,344,183	\$248,635,407
	<u>General Plant</u>			
389	Land & Land Rights	\$335,671	\$302,219	\$318,945
390	Structures and Improvements	3,393,255	3,275,507	3,334,380
391.1	Office Furniture & Equipment	105,028	98,012	101,520
391.3	Personal Computers	8,552	1,401	4,977
392.1	Trans. Equip., Non-Unitized	167,102	164,059	165,581
392.2	Trans. Equip., Unitized	4,154,389	4,360,666	4,257,527
393	Stores Equipment	6,023	11,112	8,568
394.1	Miscellaneous Tools - Nonunitized	1,917,744	2,117,907	2,017,826
395	Laboratory Equipment	153,883	175,716	164,800
396.1	Work Equipment Trailers	509,539	507,953	508,745
396.2	Power Operated Equip.	4,273,494	4,032,544	4,153,018
397.1	Fixed Radio Comm. Equip.	490,273	479,796	485,035
397.2	Mobile Radio Comm. Equip.	138,862	139,696	139,279
397.3	General Tele. Comm. Equip.	25,234	25,292	25,263
397.8	Network Equipment	3,852	5,655	4,754
398	Miscellaneous Equipment	36,461	24,531	30,496
	Total General Plant	\$15,719,362	\$15,722,066	\$15,720,714

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE PLANT IN SERVICE
GAS UTILITY - NORTH DAKOTA
FOR THE YEAR ENDING DECEMBER 31**

Acct. No.	Account	Per Books Plant		
		2018	2019	Average
	<u>Intangible Plant - General</u>			
301	Organization	\$523	\$564	\$544
302	Franchises	6,781	6,788	6,784
303	Intangible Plant - Misc	8,691,757	8,950,454	8,821,105
	Total Intangible Plant - General	\$8,699,060	\$8,957,806	\$8,828,433
	<u>Common Plant</u>			
389	Land & Land Rights	\$612,016	\$639,392	\$625,703
390	Structures and Improvements	10,425,657	11,049,595	10,737,625
391.1	Office Furniture & Equipment	417,939	415,841	416,889
391.3	Personal Computers	393,140	450,151	421,645
391.5	Other Computer Equipment	239,919	390,452	315,186
392.1	Trans. Equip., Non-Unitized	451	467	459
392.2	Trans. Equip., Unitized	1,200,207	1,460,495	1,330,350
392.3	Aircraft Equipment	926,928	959,515	943,222
393	Stores Equipment	14,293	14,940	14,617
394.1	Miscellaneous Tools	124,192	133,335	128,764
394.3	Vehicle Maint. Equip.	10,731	10,300	10,516
394.4	Vehicle Refueling Equip.	1,946	2,014	1,980
397.1	Fixed Radio Comm. Equip.	286,108	320,501	303,305
397.2	Mobile Radio Comm. Equip.	179,845	181,559	180,702
397.3	General Tele. Comm. Equip.	113,193	116,876	115,035
397.5	Supervisory & Telemetering	2,758	2,855	2,807
397.8	Network Equipment	37,624	80,082	58,853
398	Miscellaneous Equipment	222,878	258,977	240,928
	Total Common Plant	\$15,209,825	\$16,487,347	\$15,848,586
303	Intangible Plant - Common	\$13,876,090	\$15,171,417	\$14,523,753
	Acquisition Adjustment	\$97,266	\$97,266	\$97,266
	Total Gas Plant in Service	\$297,533,726	\$313,780,136	\$305,656,931

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE PLANT IN SERVICE - GWINNER PIPELINE
GAS UTILITY - NORTH DAKOTA
FOR THE YEAR ENDING DECEMBER 31**

Acct. No.	Account	Per Books Plant		
		2018	2019	Average
374.1	Land	\$75,472	\$75,472	\$75,472
374.2	Land Rights	781,680	781,680	781,680
375	Structures & Improvements	16,173	16,173	16,173
376	Mains	9,526,445	9,526,445	9,526,445
379	Meas. & Reg. Equip.	1,073,866	1,073,866	1,073,866
	Total Distribution Plant	<u>\$11,473,636</u>	<u>\$11,473,636</u>	<u>\$11,473,636</u>
303	Intangible Plant - Misc	\$2,513,236	\$2,513,236	\$2,513,236
	Total Gas Plant in Service - Gwinner	<u>\$13,986,872</u>	<u>\$13,986,872</u>	<u>\$13,986,872</u>
	Total Gas Plant in Service Less Gwinner	<u>\$283,546,854</u>	<u>\$299,793,264</u>	<u>\$291,670,059</u>

**MONTANA-DAKOTA UTILITIES CO. &
GREAT PLAINS NATURAL GAS CO.
SUMMARY - PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020-2021**

	Projected	
	2020 1/	2021 2/
Distribution	\$15,170,405	\$18,308,192
General		
Other	\$365,194	\$1,102,782
Structures & Improvements	0	86,923
Computer Equipment	1,235	2,043
Vehicles	346,833	542,500
Work Equipment	304,164	218,600
Total General	\$1,017,426	\$1,952,848
General Intangible	\$228,948	\$66,618
Common		
Other	\$222,646	\$513,470
Structures & Improvements	1,669,979	344,640
Computer Equipment	307,371	126,251
Vehicles	180,184	232,274
Total Common	\$2,380,180	\$1,216,635
Common Intangible	\$1,370,270	\$1,203,187
Total Additions	\$20,167,229	\$22,747,480

1/ Statement B, Schedule B-2, Pages 2-5.

2/ Statement B, Schedule B-2, Pages 6-8.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020

<u>Funding Project No.</u>	<u>Account</u>	<u>Description</u>	<u>Amount</u>
		<u>Distribution</u>	
Various	376	Mains Replace	\$592,959
Various	376	Mains Growth	588,817
Various	376	Install Main - Gwinner and Milnor	142,502
FP-305960	376	Install Main - Watford City - The Crossing	105,053
FP-312861	376	Install Main - BNSF - Des Lacs	258,484
FP-312921	376	Mains Relocate - Minot Floodwall	7,319
FP-315285	376	New Facilities - Menoken	3,474
FP-316058	376	Sys Safety & Integrity Plan - Mains Replace	4,265,228
FP-318095	376	High Pressure Service Set Replacement	173,160
FP-318555	376	Mains Replace - Clydesdale Drive	132,868
FP-318689	376	Install Main - Bismarck ClearSky Addition	34,632
FP-318691	376	Install Main - Bismarck Heritage Reserve	104,568
FP-318692	376	Mains Replace - Bismarck Northbrook Mall	33,478
FP-318792	376	Mains Replace - Richardton RR Crossing	40,528
FP-318820	376	Install Main - Bowman RR Crossing	30,938
FP-318862	376	Mains Replace - Williston Loop	80,591
FP-318994	376	Burlington/Minot Reroute Flood Wall	72,565
FP-319010	376	Mains Growth - Minot Beaver Creek	156,427
FP-319400	376	Install Main - Williston	55,710
FP-319507	376	Watford City Airport	107,359
		Total Account 376	<u>\$6,986,660</u>
FP-318153	378	Regulator Station Growth	\$131,602
Various	378	Regulator Station Replace	418,018
FP-319007	378	District Station Growth	75,036
Various	378	Replace Bypass Odorizer	120,242
		Total Account 378	<u>\$744,898</u>
FP-316375	379	Construct Menoken TBS	\$14,759
Various	379	Replace Line Heater	260,351
Various	379	Install District Station - Gwinner & Milnor	18,425
FP-319066	379	Replace Linton Odorizer	103,896
		Total Account 379	<u>\$397,431</u>
Various	380	Service Lines Growth	\$772,641
Various	380	Service Lines Replacement	352,337
FP-316063	380	Sys Safety & Integrity Plan Srvcs Replace	3,384,157
Various	380	Service Lines Growth - Gwinner & Milnor	67,671
		Total Account 380	<u>\$4,576,806</u>
Various	381	Meters	\$1,896,737
Various	383	Regulators	\$254,110

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020

Funding Project No.	Account	Description	Amount
FP-316993	385	Replace Line Heater - Langdon PAR	105,175
FP-317588	385	Regulator Station Installation - Langdon	\$7,537
		Total Account 385	\$112,712
FP-100916	387.1	Cathodic Protection	\$7,349
FP-316067	387.1	Cathodic Protection	193,702
		Total Account 387.1	\$201,051
		Total Distribution	\$15,170,405
		<u>General</u>	
FP-100958	391.3	Computer Equipment	\$349
FP-318190	391.3	Toughbook Replacements	349
FP-319519	391.3	COVID Emergency Equipment	537
		Total Office & Computer Equipment	\$1,235
Various	392.2	Vehicles	\$346,833
FP-319287	393	Purchase Stretch Wrapper - Bismarck Meter Shop	\$5,701
FP-317122	394.1	Purchase Gas Training Props	\$28,427
FP-318015	394.1	Tools & Minor Work Equipment	72,547
FP-318209	394.1	Gas Communication Equipment	9,154
FP-318314	394.1	Regulator Station Training Trailer	5,038
FP-318483	394.1	Purchase Pitbull Unit	4,232
FP-318486	394.1	Purchase Grundomat	6,852
FP-318748	394.1	Purchase New Line Locator	7,756
FP-318749	394.1	Hydraulic Squeeze Tool	7,557
FP-318750	394.1	Truck Air Compressor	2,609
FP-318774	394.1	Purchase Digital Pressure Gages	2,519
FP-318928	394.1	Purchase Shoring Equipment - Minot	13,357
FP-319398	394.1	Purchase Sensit Gold CGI - Williston	3,010
		Total Account 394.1	\$163,058
FP-318885	395	Model 6 Prover	\$13,044
FP-100980	396.1	Work Equipment	\$304,164
FP-316418	397.1	Fixed Network Expansion	\$70,251
Various	397.1	Fixed Network Equipment	22,778
FP-317130	397.1	Upgrade Gas Collectors to 4G - ND	28,747
FP-315398	397.2	Communication Equipment - Mobile	16,165
FP-316491	397.2	Replace Mobile Radio System	34,479
FP-318188	397.3	Fixed Network Equipment	2,179
FP-318193	397.3	Fixed Network Equipment	1,090

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020

Funding Project No.	Account	Description	Amount
FP-318202	397.3	IT Network Equipment	272
FP-318201	397.6	SCADA Equipment	588
FP-318203	397.8	IT Network Equipment	3,061
		Total Account 397	\$179,610
Various	398	Ice Machine	\$3,781
		Total General	\$1,017,426
		<u>General Intangible</u>	
FP-316359	303	SCADA System Enhancements	\$35,020
FP-316450	303	PCAD Annual Enhancements	24,307
FP-316985	303	Build Belfield TBS	78,865
FP-317008	303	Install RTU - New Rockford	90,756
		Total General Intangible	\$228,948
		<u>Common</u>	
Various	390	Remodeling & Door Replacement-Bismarck, Steele, Dickinson, Mandan	\$1,490,982
FP-316935	390	Upgrade Fire Alarm System	12,785
FP-317039	390	Replace 2 Walk-In Doors	5,573
FP-317048	390	Replace Lighting w/ LED	1,603
FP-317059	390	Replace Verticle Blinds	3,192
FP-318332	390	Remodel Restrooms - G.O.	125,315
FP-318607	390	Remodel - Bismarck Service Center	26,319
FP-318845	390	Concrete Pad - Dickinson	3,789
FP-319515	390	Projector Installation - Dickinson	421
		Total Account 390	\$1,669,979
FP-100755	391.1	Office Equipment	\$55,733
FP-319215	391.1	Xerox Printer - G.O.	4,288
FP-319491	391.1	Furniture & Equipment - Service Center - Bismarck	37,699
		Total Account 391.1	\$97,720
FP-100014	391.3	Toughbook Replacements	\$49,981
FP-100756	391.3	Computer Equipment	25,035
FP-311597	391.3	Itron Mobile Radio	31,361
FP-316892	391.3	Replace UPS Batteries	4,559
FP-316917	391.3	Purchase Replacement Display Devices	5,698
FP-319141	391.3	Purchase Zonar V4R Units	9,497
FP-319521	391.3	COVID Emergency Equipment	3,799
FP-317563	391.5	Fixed Network Upgrade	27,063
FP-319383	391.5	Purchase X8M	150,378
		Total Office & Computer Equipment	\$307,371

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020**

Funding Project No.	Account	Description	Amount
FP-100719	392.2	Vehicles	\$180,184
FP-319442	393	Purchase Shelving - Watford City Warehouse	\$131
Various	394.1	Minor Work Equipment	\$12,040
FP-100744	397.1	Communication Equipment	\$35,122
FP-316758	397.1	Fixed Network Expansion	1,639
		Total Account 397.1	<u>\$36,761</u>
FP-300071	397.2	Replace Mobile Collectors	\$5,482
FP-316128	397.2	Replace Mobile Radio System	13,370
		Total Account 397.2	<u>\$18,852</u>
FP-318970	397.3	Replace Cisco Telephones	\$8,800
FP-318189	397.8	Network Equipment	\$7,598
FP-318205	397.8	IT Network Equipment	40,744
		Total Account 397.8	<u>\$48,342</u>
		Total Common	<u>\$2,380,180</u>
		<u>Common Intangible</u>	
FP-100550	303	MAXIMO	\$950,477
FP-100575	303	Customer Self Service Web/IVR	23,162
FP-200714	303	GIS Enhancements	41,066
FP-301563	303	GIS Data Conversion	139
FP-315864	303	ThoughtSpot Implementation	1,593
FP-316104	303	GIS Pipeline Inspection System	22,794
FP-316178	303	CC&B Upgrade	285,676
FP-317093	303	PowerPlan Upgrade	421
FP-317095	303	JDEdwards migration to Oracle DB	18,134
FP-318407	303	Upgrade FDM Software	10,447
FP-318890	303	GIS Offline Mobile Maps Implementation	7,788
FP-319008	303	Large Volume Customer Website	1,742
FP-319162	303	NICE CSC Software Implementation	1,224
FP-319224	303	Risk Mgmt Software Installation	405
FP-319244	303	Itron Field Collection Services	5,202
		Total Common Intangible	<u>\$1,370,270</u>
		Total 2020 Plant Additions	<u><u>\$20,167,229</u></u>

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021**

<u>Funding Project No.</u>	<u>Account</u>	<u>Description</u>	<u>Amount</u>
		<u>Distribution</u>	
Various	376	Mains Replace	\$834,631
Various	376	Mains Growth	1,178,512
FP-316058	376	Sys Safety & Integrity Plan - Mains Replace	4,679,252
FP-318095	376	High Pressure Service Set Replacement	366,810
FP-318558	376	Mains Replace - Mandan Memorial Hwy	277,941
FP-319002	376	Minot Flood Wall Installation	308,367
		Total Account 376	<u>\$7,645,513</u>
FP-318153	378	Regulator Station Growth	\$232,313
FP-318177	378	Regulator Station Replace	397,378
		Total Account 378	<u>\$629,691</u>
FP-316996	379	Rebuild Minot Air Force Base TBS	\$278,834
FP-318989	379	Replace Line Heater	178,394
FP-320160	379	Jamestown TBS	1,200,000
		Total Account 379	<u>\$1,657,228</u>
Various	380	Service lines growth	\$1,358,860
Various	380	Service lines replacement	401,512
FP-316063	380	Sys Safety & Integrity Plan Srvcs Replace	3,559,412
		Total Account 380	<u>\$5,319,784</u>
Various	381	Meters	\$2,353,304
Various	383	Regulators	\$464,857
FP-316067	387.1	Cathodic Protection	\$237,815
		Total Distribution	<u>\$18,308,192</u>
		<u>General</u>	
FP-318485	390	Remodel Office - Minot	\$86,923
FP-100958	391.3	Computer Equipment	\$1,630
FP-318190	391.3	Toughbook Replacements	413
		Total Office & Computer Equipment	<u>\$2,043</u>
FP-100960	392.2	Vehicles	\$542,500
FP-318015	394.1	Tools & Minor Work Equipment	\$75,480
FP-318209	394.1	Gas Communication Equipment	9,267
		Total Account 394.1	<u>\$84,747</u>

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021**

Funding Project No.	Account	Description	Amount
FP-100980	396.1	Work Equipment	\$218,600
FP-315398	397.2	Communication Equipment - Mobile	\$4,959
FP-316491	397.2	Replace Mobile Radio System	978,875
Various	397.2	Network Equipment	23,058
FP-318201	397.2	SCADA Equipment	595
FP-318203	397.2	IT Network Equipment	7,438
		Total Mobile Radio Equipment	\$1,014,925
Various	397.3	Network Equipment	\$2,757
FP-318202	397.3	IT Network Equipment	353
		Total Telephone Equipment	\$3,110
		Total General	\$1,952,848
		<u>General Intangible</u>	
FP-316450	303	PCAD Annual Enhancements	\$58,741
FP-318453	303	Autosol Metretek SCADA	7,877
		Total General Intangible	\$66,618
		<u>Common</u>	
FP-316843	390	Replace Outdoor Lighting	\$8,296
FP-317030	390	Replace Ceiling Tiles	14,424
FP-317038	390	Install Automated Gates	39,955
FP-317098	390	Replace Lighting w/ LED	7,031
FP-318336	390	Remodel Restrooms	80,811
FP-318350	390	Install Sprinkler System	42,392
FP-318654	390	Remodel Conference Room	7,964
FP-319085	390	Resurface Bismarck Yard	66,456
FP-319185	390	Storage Building	77,311
		Total Account 390	\$344,640
FP-100755	391.1	Office Equipment	\$40,207
FP-100014	391.3	Toughbook Replacements	\$9,614
FP-100756	391.3	Computer Equipment	43,265
FP-311597	391.3	Itron Mobile Radio	33,782
FP-317563	391.5	Fixed network upgrade	39,590
		Total Office & Computer Equipment	\$126,251
FP-100719	392.2	Vehicles	\$232,274
Various	394.1	Minor Work Equipment	\$18,174

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021

Funding Project No.	Account	Description	Amount
FP-100744	397.1	Communication Equipment	\$38,746
FP-300071	397.2	Replace Mobile Collectors	7,711
FP-316128	397.2	Replace Mobile Radio System	381,511
FP-318189	397.8	Network Equipment	9,230
FP-318205	397.8	IT Network Equipment	14,421
		Total Account 397	<u>\$451,619</u>
FP-318850	398	Purchase Furniture Dickinson	\$2,309
FP-318851	398	Purchase Furniture Williston	1,161
		Total Account 398	<u>\$3,470</u>
		Total Common	<u>\$1,216,635</u>
		<u>Common Intangible</u>	
FP-100550	303	MAXIMO	\$1,046,335
FP-316021	303	GIS System Upgrade	136,873
FP-318360	303	Purchase Sierra AirLink Manager	11,538
FP-318844	303	Dashboard Implementation for CSC	8,441
		Total Common Intangible	<u>\$1,203,187</u>
		Total 2021 Plant Additions	<u><u>\$22,747,480</u></u>

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUMMARY OF ACCUMULATED RESERVE FOR DEPRECIATION
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books 2019	Projected 2020 1/	Average 2020	Projected 2021 2/	Average 2021
Transmission	\$531,161	\$573,562	\$552,362	\$615,963	\$594,763
Distribution 3/	94,471,236	101,905,794	98,188,515	109,805,421	105,855,608
General	2,786,396	1,423,060	2,104,728	177,492	800,277
General Intangible 3/	1,913,674	2,222,792	2,068,233	2,549,610	2,386,201
Common	5,405,473	5,518,708	5,462,091	5,648,953	5,583,832
Common Intangible	7,878,175	8,899,886	8,389,031	10,115,894	9,507,890
Acquisition Adjustment	74,951	77,772	76,362	80,593	79,183
Total	\$113,061,066	\$120,621,574	\$116,841,322	\$128,993,926	\$124,807,754

1/ Statement H, Schedule H-2, page 1.

2/ Statement H, Schedule H-2, page 2.

3/ Excludes Gwinner Pipeline.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUMMARY OF WORKING CAPITAL AND
CUSTOMER ADVANCES FOR CONSTRUCTION
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

<u>Average Working Capital</u>	Per Books		Projected		Reference
	2019	2020	2020	2021	
Materials and Supplies 1/	\$2,391,229	\$2,538,800	\$2,538,800	\$2,538,800	Schedule D-1, Pg 1
Fuel Stocks 1/	37,861	35,198	35,198	35,198	Schedule D-1, Pg 2
Prepaid Insurance 1/	290,727	278,648	278,648	276,676	Schedule D-1, Pg 3
Gas in Underground Storage 1/	26,511	25,259	25,259	0	Schedule D-1, Pg 4
Prepaid Commodity Charges 1/	5,465	5,689	5,689	0	Schedule D-1, Pg 5
Unamortized Loss on Debt	410,423	356,501	356,501	298,810	Schedule D-1, Pg 6
Unamortized Redemption Cost of Preferred Stock	55,363	51,385	51,385	47,407	Schedule D-1, Pg 7
(Gain)/Loss on Sale of Building	512,853	490,410	490,410	467,967	Schedule D-1, Pg 8
Provision for Pension & Benefits	0	7,873,218	7,873,218	16,296,452	Schedule D-1, Pg 9
Provision for Post Retirement	0	271,249	271,249	542,497	Schedule D-1, Pg 10
Total Average Working Capital	\$3,730,432	\$11,926,357	\$11,926,357	\$20,503,807	
Customer Advances for Construction	(\$11,063,109)	(\$8,811,421)	(\$8,811,421)	(\$8,786,871)	Schedule D-1, Pg 11

1/ Thirteen month average.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
MATERIALS AND SUPPLIES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	Per Books	Projected 1/	
	2019	2020	2021
December 2018	\$1,701,950	\$2,462,611	\$2,462,611
January 2019	1,716,676	2,181,600	2,181,600
February	1,726,865	2,087,843	2,087,843
March	2,117,967	2,208,560	2,208,560
April	2,249,917	2,426,129	2,426,129
May	2,465,077	2,530,128	2,530,128
June	2,628,204	2,628,204	2,628,204
July	2,731,372	2,731,372	2,731,372
August	2,869,456	2,869,456	2,869,456
September	2,856,130	2,856,130	2,856,130
October	2,876,961	2,876,961	2,876,961
November	2,682,797	2,682,797	2,682,797
December	2,462,611	2,462,611	2,462,611
13 Month Average	<u>\$2,391,229</u>	<u>\$2,538,800</u>	<u>\$2,538,800</u>

1/ Actuals through May 2020. June 2020 - December 2021 are based on prior period actuals.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
FUEL STOCKS
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books	Projected 1/	
	2019	2020	2021
December 2018	\$36,889	\$40,656	\$40,656
January 2019	42,349	44,050	44,050
February	34,598	34,441	34,441
March	41,794	45,096	45,096
April	40,227	21,579	21,579
May	42,551	17,976	17,976
June	36,108	36,108	36,108
July	22,242	22,242	22,242
August	38,579	38,579	38,579
September	37,961	37,961	37,961
October	41,178	41,178	41,178
November	37,058	37,058	37,058
December	40,656	40,656	40,656
13 Month Average	<u>\$37,861</u>	<u>\$35,198</u>	<u>\$35,198</u>

1/ Actuals through May 2020. June 2020 - December 2021 are based on prior period actuals.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PREPAID INSURANCE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books	Projected 1/	
	2019	2020	2021
December 2018	\$44,316	\$52,771	\$55,747
January 2019	603,796	576,738	577,953
February	548,108	537,293	524,379
March	506,365	483,466	470,805
April	437,688	419,136	417,237
May	384,983	365,455	364,657
June	328,797	311,772	311,083
July	272,397	258,090	257,509
August	215,997	204,408	203,935
September	165,093	150,726	150,361
October	107,593	97,048	96,774
November	111,544	109,776	109,957
December	52,771	55,747	56,387
13 Month Average	<u>\$290,727</u>	<u>\$278,648</u>	<u>\$276,676</u>

1/ Actuals through May 2020. June 2020 - December 2021 are based on projected insurance expenses.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
GAS IN UNDERGROUND STORAGE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	Per Books	Projected 1/	
	2019	2020	2021 2/
December 2018	\$49,033	\$38,256	\$0
January 2019	28,082	26,449	0
February	13,850	11,798	0
March	4,434	2,612	0
April	0	0	0
May	0	0	0
June	10,918	10,918	0
July	21,044	21,044	0
August	31,317	31,317	0
September	46,872	46,872	0
October	50,420	50,420	0
November	50,420	50,420	0
December	38,256	38,256	0
13 Month Average	<u>\$26,511</u>	<u>\$25,259</u>	<u>\$0</u>

1/ Actuals through April 2020. May 2020 - December 2020 are based on 2019 actuals.

2/ Montana-Dakota proposes to include the return on storage for Great Plains customers through the Purchase Gas Adjustment process, similar to Montana-Dakota customers.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PREPAID COMMODITY CHARGES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	Per Books 2019	Projected 1/	
	<u>2019</u>	<u>2020</u>	<u>2021 2/</u>
December 2018	\$6,365	\$8,814	\$0
January 2019	5,092	5,926	0
February	2,585	2,488	0
March	829	551	0
April	0	0	0
May	0	0	0
June	2,365	2,365	0
July	4,717	4,717	0
August	7,078	7,078	0
September	9,736	9,736	0
October	11,734	11,734	0
November	11,734	11,734	0
December	8,814	8,814	0
13 Month Average	<u>\$5,465</u>	<u>\$5,689</u>	<u>\$0</u>

1/ Actuals through May 2020. June 2020 - December 2020 are based on 2019 actuals.

2/ Montana-Dakota proposes to include the return on prepaid commodity for Great Plains customers through the Purchase Gas Adjustment process, similar to Montana-Dakota customers.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
UNAMORTIZED LOSS ON DEBT
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Unamortized Loss on Debt	Acc. Deferred Inc. Tax
Balance at December 31, 2018	\$437,999	(\$111,423)
Balance at December 31, 2019	382,846	(97,084)
Average Balance	<u>\$410,423</u>	<u>(\$104,254)</u>
2020 Amortization 1/	<u>(52,691)</u>	<u>13,436</u>
Balance at December 31, 2020	330,155	(83,648)
Average Balance	<u>\$356,501</u>	<u>(\$90,366)</u>
2021 Amortization 1/	(\$62,689)	\$13,436
Balance at December 31, 2021	267,466	(70,212)
Average Balance	<u>\$298,810</u>	<u>(\$76,930)</u>

1/ Includes annual amortization and reallocation.

	2020	2021
Prior Period Ending Balance:	<u>\$382,846</u>	<u>\$330,155</u>
January Reallocation:	9,998	
Annual Amortization:	<u>(62,689)</u>	<u>(62,689)</u>
Ending Balance:	(\$52,691)	(\$62,689)

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
UNAMORTIZED REDEMPTION OF PREFERRED STOCK COST
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	<u>Unamortized Loss on Preferred Stock</u>
Balance at December 31, 2018	\$57,352
Balance at December 31, 2019	53,374
Average Balance	<u>\$55,363</u>
2020 Amortization 1/	<u>(3,978)</u>
Balance at December 31, 2020	\$49,396
Average Balance	<u>\$51,385</u>
2021 Amortization 1/	<u>(\$3,978)</u>
Balance at December 31, 2021	45,418
Average Balance	<u>\$47,407</u>

1/ Amortization period of 15 years.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
(GAIN)/LOSS ON SALE OF BUILDINGS
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	<u>(Gain)/Loss on Building Sale</u>	<u>Acc. Deferred Inc. Tax</u>
Balance at December 31, 2018	\$524,074	(\$127,900)
Balance at December 31, 2019	501,631	(87,103)
Average Balance	<u>\$512,853</u>	<u>(\$107,502)</u>
2020 Amortization 1/	<u>(\$22,443)</u>	<u>5,477</u>
Balance at December 31, 2020	479,188	(81,626)
Average Balance	<u>\$490,410</u>	<u>(\$84,365)</u>
2021 Amortization 1/	<u>(\$22,443)</u>	<u>\$5,477</u>
Balance at December 31, 2021	456,745	(76,149)
Average Balance	<u>\$467,967</u>	<u>(\$78,888)</u>

1/ Amortization period of 20 years.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PROVISION FOR PENSIONS AND BENEFITS
ACCUMULATED DEFERRED INCOME TAXES ON PENSIONS
GAS UTILITY - NORTH DAKOTA
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	<u>Total</u>	<u>Provision for Pensions and Benefits</u>	<u>DIT on Pensions and Benefits</u>
Balance at December 31, 2018	\$0	\$0	\$0
Balance at December 31, 2019	<u>0</u>	<u>0</u>	<u>0</u>
Average Balance 2019	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Balance at December 31, 2020	<u>11,574,478</u>	<u>15,746,436</u>	<u>(4,171,958)</u>
Average Balance 2020	<u>\$5,787,239</u>	<u>\$7,873,218</u>	<u>(\$2,085,979)</u>
Balance at December 31, 2021	<u>12,406,102</u>	<u>16,846,468</u>	<u>(4,440,366)</u>
Average Balance 2021	<u>\$11,990,290</u>	<u>\$16,296,452</u>	<u>(\$4,306,162)</u>

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PROVISION FOR POST RETIREMENT
ACCUMULATED DEFERRED POST RETIREMENT
GAS UTILITY - NORTH DAKOTA
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	<u>Total</u>	<u>Provision for Post Retirement</u>	<u>DIT for Post Retirement</u>
Balance at December 31, 2018	\$0	\$0	\$0
Balance at December 31, 2019	<u>0</u>	<u>0</u>	<u>0</u>
Average Balance 2019	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Balance at December 31, 2020	<u>410,167</u>	<u>542,497</u>	<u>(132,330)</u>
Average Balance 2020	<u>\$205,084</u>	<u>\$271,249</u>	<u>(\$66,165)</u>
Balance at December 31, 2021	<u>410,167</u>	<u>542,497</u>	<u>(132,330)</u>
Average Balance 2021	<u>\$410,167</u>	<u>\$542,497</u>	<u>(\$132,330)</u>

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CUSTOMER ADVANCES FOR CONSTRUCTION
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books 2019	Projected 1/	
	<u>2019</u>	<u>2020</u>	<u>2021</u>
December 2018	(\$12,234,189)	(\$8,929,529)	(\$8,786,871)
January 2019	(11,649,519)	(8,901,000)	(8,786,871)
February	(11,344,520)	(8,930,992)	(8,786,871)
March	(11,093,377)	(8,760,488)	(8,786,871)
April	(11,124,981)	(8,731,502)	(8,786,871)
May	(11,128,850)	(8,786,871)	(8,786,871)
June	(11,110,570)	(8,786,871)	(8,786,871)
July	(11,144,069)	(8,786,871)	(8,786,871)
August	(10,854,125)	(8,786,871)	(8,786,871)
September	(10,981,639)	(8,786,871)	(8,786,871)
October	(10,984,544)	(8,786,871)	(8,786,871)
November	(11,240,501)	(8,786,871)	(8,786,871)
December	(8,929,529)	(8,786,871)	(8,786,871)
13 Month Average	<u>(\$11,063,109)</u>	<u>(\$8,811,421)</u>	<u>(\$8,786,871)</u>
ADIT	\$2,031,390	\$1,992,669 2/	\$1,992,669 2/

1/ Actuals through May 2020. June 2020 - December 2021 are based on the May 2020 value.
2/ Actuals as of May 2020.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE UTILITY CAPITAL STRUCTURE
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	<u>Balance</u>	<u>Ratio</u>	<u>Cost</u>	<u>Required Return</u>
<u>Per Books 2019</u>				
Long-Term Debt 1/	\$730,414,076	46.118%	4.718%	2.176%
Short-Term Debt 2/	54,408,951	3.435%	3.095%	0.106%
Common Equity 3/	798,981,908	50.447%	10.200%	5.146%
Total	<u>\$1,583,804,935</u>	<u>100.000%</u>		<u>7.428%</u>
<u>Projected 2020</u>				
Long-Term Debt 1/	\$730,407,514	44.718%	4.718%	2.110%
Short-Term Debt 2/	82,849,388	5.072%	2.548%	0.129%
Common Equity 3/	820,111,996	50.210%	10.200%	5.121%
Total	<u>\$1,633,368,898</u>	<u>100.000%</u>		<u>7.360%</u>
<u>Projected 2021</u>				
Long-Term Debt 1/	\$730,394,484	42.370%	4.718%	1.999%
Short-Term Debt 2/	126,250,302	7.324%	2.378%	0.174%
Common Equity 3/	867,205,666	50.306%	10.200%	5.131%
Total	<u>\$1,723,850,452</u>	<u>100.000%</u>		<u>7.304%</u>

1/ Schedule E-1, page 1.
2/ Schedule E-2, page 1.
3/ Schedule E-3, page 1.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE LONG-TERM DEBT
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Balance Outstanding	Annual Cost	Adjusted Embedded Cost
Balance at 12/31/2018	\$730,425,495	\$35,943,089	4.921%
Balance at 12/31/2019	\$730,000,000	\$34,395,090	4.712%
Minot Air Force Base Payable	414,076	24,845	6.000%
Amortization of Gain/Loss		43,469 1/	
Total @ 12/31/2019	<u>\$730,414,076</u>	<u>\$34,463,404</u>	<u>4.718%</u>
Average @ 12/31/2019	<u>\$730,419,786</u>	<u>\$35,203,247</u>	<u>4.820%</u>
Balance at 12/31/2020	\$730,000,000	\$34,395,090	4.712%
Minot Air Force Base Payable	400,952	24,057	6.000%
Amortization of Gain/Loss		43,469 1/	
Total @ 12/31/2020	<u>\$730,400,952</u>	<u>\$34,462,616</u>	<u>4.718%</u>
Average @ 12/31/2020	<u>\$730,407,514</u>	<u>\$34,463,010</u>	<u>4.718%</u>
Balance at 12/31/2021	\$730,000,000	\$34,395,090	4.712%
Minot Air Force Base Payable	388,016	23,281	6.000%
Amortization of Gain/Loss		43,469 1/	
Total @ 12/31/2021	<u>\$730,388,016</u>	<u>\$34,461,840</u>	<u>4.718%</u>
Average @ 12/31/2021	<u>\$730,394,484</u>	<u>\$34,462,228</u>	<u>4.718%</u>

1/ Schedule E-4, page 1.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
LONG-TERM DEBT CAPITAL
DECEMBER 31, 2019

Description	Date of Issuance	Date of Maturity	Interest Rate	Principal Amount of Issue	Gross Proceeds	Underwriters' Commission		Loss on Reacquisition Redemption and Issuance Expense	
						Amount	% Gross Proceeds	Amount	% Gross Proceeds
Unsecured Long-Term Debt									
5.98% - Senior Note	12/15/03	12/15/33	5.980%	\$30,000,000	\$30,000,000	\$624,465	2.082%	\$0	0.000%
6.33% - Senior Note	08/24/06	08/24/26	6.330%	100,000,000	100,000,000	344,061	0.344%	10,532,009	10.532%
5.18% - Senior Note	04/15/14	04/15/44	5.180%	50,000,000	50,000,000	239,178	0.478%	0	0.000%
4.24% - Senior Note	07/15/14	07/15/24	4.240%	60,000,000	60,000,000	291,263	0.485%	0	0.000%
4.34% - Senior Note	07/15/14	07/15/26	4.340%	40,000,000	40,000,000	197,042	0.493%	0	0.000%
3.78% - Senior Note	10/29/15	10/30/25	3.780%	87,000,000	87,000,000	471,997	0.543%	0	0.000%
4.87% - Senior Note	10/29/15	10/30/45	4.870%	11,000,000	11,000,000	59,461	0.541%	0	0.000%
4.03% - Senior Note	12/10/15	12/10/30	4.030%	52,000,000	52,000,000	286,355	0.551%	0	0.000%
4.15% - Senior Note	11/21/16	11/21/46	4.150%	40,000,000	40,000,000	226,084	0.565%	0	0.000%
3.73% - Senior Note	03/21/17	03/21/37	3.730%	40,000,000	40,000,000	173,637	0.434%	0	0.000%
3.36% - Senior Note	03/21/17	03/21/32	3.360%	20,000,000	20,000,000	86,071	0.430%	0	0.000%
3.66% - Senior Note	10/17/19	10/17/39	3.660%	50,000,000	50,000,000	234,202	0.468%	0	0.000%
3.98% - Senior Note	10/17/19	10/17/49	3.980%	50,000,000	50,000,000	234,202	0.468%	0	0.000%
4.08% - Senior Note	11/18/19	11/18/59	4.080%	100,000,000	100,000,000	435,969	0.436%	0	0.000%
Total Long-Term Debt Capital				\$730,000,000	\$730,000,000	\$3,903,987		\$10,532,009	

Description	Net Proceeds		Cost of Money 1/	Principal		Annual Cost	Embedded Cost
	Amount	Per Unit		Outstanding	Cost		
Unsecured Long-Term Debt							
5.98% - Senior Note	\$29,375,535	97.918%	6.210%	\$30,000,000	\$1,863,000		
6.33% - Senior Note	89,123,930	89.124%	7.514%	100,000,000	7,514,000		
5.18% - Senior Note	49,760,822	99.522%	5.280%	50,000,000	2,640,000		
4.24% - Senior Note	59,708,737	99.515%	4.346%	60,000,000	2,607,600		
4.34% - Senior Note	39,802,958	99.507%	4.442%	40,000,000	1,776,800		
3.78% - Senior Note	86,528,003	99.457%	3.883%	87,000,000	3,378,210		
4.87% - Senior Note	10,940,539	99.459%	4.964%	11,000,000	546,040		
4.03% - Senior Note	51,713,645	99.449%	4.122%	52,000,000	2,143,440		
4.15% - Senior Note	39,773,916	99.435%	4.228%	40,000,000	1,691,200		
3.73% - Senior Note	39,826,363	99.566%	3.797%	40,000,000	1,518,800		
3.36% - Senior Note	19,913,929	99.570%	3.425%	20,000,000	685,000		
3.66% - Senior Note	49,765,798	99.532%	3.728%	50,000,000	1,864,000		
3.98% - Senior Note	49,765,798	99.532%	4.046%	50,000,000	2,023,000		
4.08% - Senior Note	99,564,031	99.564%	4.144%	100,000,000	4,144,000		
Total Long-Term Debt Capital	\$715,564,004			\$730,000,000	\$34,395,090		4.712%

1/ Yield to maturity based upon the life, net proceeds, and semiannual compounding of stated interest rate.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
LONG-TERM DEBT CAPITAL
PROJECTED DECEMBER 31, 2020

Description	Date of Issuance	Date of Maturity	Interest Rate	Principal Amount of Issue	Gross Proceeds	Underwriters' Commission % Gross Proceeds	Amount	Loss on Reacquisition Redemption and Issuance Expense	Amount	% Gross Proceeds
Unsecured Long-Term Debt:										
5.98% - Senior Note	12/15/03	12/15/33	5.980%	\$30,000,000	\$30,000,000	2.082%	\$624,465	\$0	10,532,009	0.000%
6.33% - Senior Note	08/24/06	08/24/26	6.330%	100,000,000	100,000,000	0.344%	344,061			10.532%
5.18% - Senior Note	04/15/14	04/15/44	5.180%	50,000,000	50,000,000	0.478%	239,178	0		0.000%
4.24% - Senior Note	07/15/14	07/15/24	4.240%	60,000,000	60,000,000	0.485%	291,263	0		0.000%
4.34% - Senior Note	07/15/14	07/15/26	4.340%	40,000,000	40,000,000	0.493%	197,042	0		0.000%
3.78% - Senior Note	10/29/15	10/30/25	3.780%	87,000,000	87,000,000	0.543%	471,997	0		0.000%
4.87% - Senior Note	10/29/15	10/30/45	4.870%	11,000,000	11,000,000	0.541%	59,461	0		0.000%
4.03% - Senior Note	12/10/15	12/10/30	4.030%	52,000,000	52,000,000	0.551%	286,355	0		0.000%
4.15% - Senior Note	11/21/16	11/21/46	4.150%	40,000,000	40,000,000	0.565%	226,084	0		0.000%
3.73% - Senior Note	03/21/17	03/21/37	3.730%	40,000,000	40,000,000	0.434%	173,637	0		0.000%
3.36% - Senior Note	03/21/17	03/21/32	3.360%	20,000,000	20,000,000	0.430%	86,071	0		0.000%
3.66% - Senior Note	10/17/19	10/17/39	3.660%	50,000,000	50,000,000	0.468%	234,202	0		0.000%
3.98% - Senior Note	10/17/19	10/17/49	3.980%	50,000,000	50,000,000	0.468%	234,202	0		0.000%
4.08% - Senior Note	11/18/19	11/18/59	4.080%	100,000,000	100,000,000	0.436%	435,969	0		0.000%
Total Long-Term Debt Capital				\$730,000,000	\$730,000,000		\$3,903,987		\$10,532,009	

Description	Net Proceeds		Cost of Money 1/	Principal		Annual Cost	Embedded Cost
	Amount	Per Unit		Outstanding	Cost		
Unsecured Long-Term Debt:							
5.98% - Senior Note	\$29,375,535	97.918%	6.210%	\$30,000,000	\$1,863,000		
6.33% - Senior Note	89,123,930	89.124%	7.514%	100,000,000	7,514,000		
5.18% - Senior Note	49,760,822	99.522%	5.280%	50,000,000	2,640,000		
4.24% - Senior Note	59,708,737	99.515%	4.346%	60,000,000	2,607,600		
4.34% - Senior Note	39,802,958	99.507%	4.442%	40,000,000	1,776,800		
3.78% - Senior Note	86,528,003	99.457%	3.883%	87,000,000	3,378,210		
4.87% - Senior Note	10,940,539	99.459%	4.964%	11,000,000	546,040		
4.03% - Senior Note	51,713,645	99.449%	4.122%	52,000,000	2,143,440		
4.15% - Senior Note	39,773,916	99.435%	4.228%	40,000,000	1,691,200		
3.73% - Senior Note	39,826,363	99.566%	3.797%	40,000,000	1,518,800		
3.36% - Senior Note	19,913,929	99.570%	3.425%	20,000,000	685,000		
3.66% - Senior Note	49,765,798	99.532%	3.728%	50,000,000	1,864,000		
3.98% - Senior Note	49,765,798	99.532%	4.046%	50,000,000	2,023,000		
4.08% - Senior Note	99,564,031	99.564%	4.144%	100,000,000	4,144,000		
Total Long-Term Debt Capital	\$715,564,004			\$730,000,000	\$34,395,090		4.712%

1/ Yield to maturity based upon the life, net proceeds, and semiannual compounding of stated interest rate.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
LONG-TERM DEBT CAPITAL
PROJECTED DECEMBER 31, 2021

Description	Date of Issuance	Date of Maturity	Interest Rate	Principal Amount of Issue	Gross Proceeds	Underwriters' Commission % Gross Proceeds	Amount	Loss on Reacquisition Redemption and Issuance Expense	Amount	% Gross Proceeds
<u>Unsecured Long-Term Debt</u>										
5.98% - Senior Note	12/15/03	12/15/33	5.980%	\$30,000,000	\$30,000,000	2.082%	\$624,465	\$0	0.000%	
6.33% - Senior Note	08/24/06	08/24/26	6.330%	100,000,000	100,000,000	0.344%	344,061	10,532,009	10.532%	
5.18% - Senior Note	04/15/14	04/15/44	5.180%	50,000,000	50,000,000	0.478%	239,178	0	0.000%	
4.24% - Senior Note	07/15/14	07/15/24	4.240%	60,000,000	60,000,000	0.485%	291,263	0	0.000%	
4.34% - Senior Note	07/15/14	07/15/26	4.340%	40,000,000	40,000,000	0.493%	197,042	0	0.000%	
3.78% - Senior Note	10/29/15	10/30/25	3.780%	87,000,000	87,000,000	0.543%	471,997	0	0.000%	
4.87% - Senior Note	10/29/15	10/30/45	4.870%	11,000,000	11,000,000	0.541%	59,461	0	0.000%	
4.03% - Senior Note	12/10/15	12/10/30	4.030%	52,000,000	52,000,000	0.551%	286,355	0	0.000%	
4.15% - Senior Note	11/21/16	11/21/46	4.150%	40,000,000	40,000,000	0.565%	226,084	0	0.000%	
3.73% - Senior Note	03/21/17	03/21/37	3.730%	40,000,000	40,000,000	0.434%	173,637	0	0.000%	
3.36% - Senior Note	03/21/17	03/21/32	3.360%	20,000,000	20,000,000	0.430%	86,071	0	0.000%	
3.66% - Senior Note	10/17/19	10/17/39	3.660%	50,000,000	50,000,000	0.468%	234,202	0	0.000%	
3.98% - Senior Note	10/17/19	10/17/49	3.980%	50,000,000	50,000,000	0.468%	234,202	0	0.000%	
4.08% - Senior Note	11/18/19	11/18/59	4.080%	100,000,000	100,000,000	0.436%	435,969	0	0.000%	
Total Long-Term Debt Capital				<u>\$730,000,000</u>	<u>\$730,000,000</u>		<u>\$3,903,987</u>	<u>\$10,532,009</u>		

Description	Net Proceeds		Cost of Money 1/	Principal		Annual Cost	Embedded Cost
	Amount	Per Unit		Outstanding	Cost		
<u>Unsecured Long-Term Debt</u>							
5.98% - Senior Note	\$29,375,535	97.918%	6.210%	\$30,000,000	\$1,863,000		
6.33% - Senior Note	89,123,930	89.124%	7.514%	100,000,000	7,514,000		
5.18% - Senior Note	49,760,822	99.522%	5.280%	50,000,000	2,640,000		
4.24% - Senior Note	59,708,737	99.515%	4.346%	60,000,000	2,607,600		
4.34% - Senior Note	39,802,958	99.507%	4.442%	40,000,000	1,776,800		
3.78% - Senior Note	86,528,003	99.457%	3.883%	87,000,000	3,378,210		
4.87% - Senior Note	10,940,539	99.459%	4.964%	11,000,000	546,040		
4.03% - Senior Note	51,713,645	99.449%	4.122%	52,000,000	2,143,440		
4.15% - Senior Note	39,773,916	99.435%	4.228%	40,000,000	1,691,200		
3.73% - Senior Note	39,826,363	99.566%	3.797%	40,000,000	1,518,800		
3.36% - Senior Note	19,913,929	99.570%	3.425%	20,000,000	685,000		
3.66% - Senior Note	49,765,798	99.532%	3.728%	50,000,000	1,864,000		
3.98% - Senior Note	49,765,798	99.532%	4.046%	50,000,000	2,023,000		
4.08% - Senior Note	99,564,031	99.564%	4.144%	100,000,000	4,144,000		
Total Long-Term Debt Capital	<u>\$715,564,004</u>			<u>\$730,000,000</u>	<u>\$34,395,090</u>		<u>4,712%</u>

1/ Yield to maturity based upon the life, net proceeds, and semiannual compounding of stated interest rate.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE SHORT-TERM DEBT
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	<u>Balance Outstanding</u>	<u>Annual Cost</u>	<u>Average Cost</u>
<u>2019</u>			
Average Balance 1/	\$54,408,951	\$1,319,268	2.425%
Amortization of Fees 2/		364,468	
Total	<u>\$54,408,951</u>	<u>\$1,683,736</u>	<u>3.095%</u>
<u>Projected 2020</u>			
Average Balance 1/	\$82,849,388	\$1,734,291	2.093%
Amortization of Fees 2/		376,786	
Total	<u>\$82,849,388</u>	<u>\$2,111,077</u>	<u>2.548%</u>
<u>Projected 2021</u>			
Average Balance 1/	\$126,250,302	\$2,625,887	2.080%
Amortization of Fees 2/		376,786	
Total	<u>\$126,250,302</u>	<u>\$3,002,673</u>	<u>2.378%</u>

- 1/ Twelve month average balance.
2/ Negotiation and commitment fees.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE UTILITY COMMON EQUITY
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

<u>Description</u>	<u>Amount</u>
Common Equity - 12/31/2018	<u>\$2,566,774,816</u>
Investment in Subsidiaries	<u>1,790,885,738</u>
Utility Common Equity - 12/31/2018	<u>\$775,889,078</u>
Common Equity - 12/31/2019	\$798,981,908
Average @ 12/31/2019	<u>\$787,435,493</u>
Common Equity - 12/31/2020	\$841,242,084
Average @ 12/31/2020	<u>\$820,111,996</u>
Common Equity - 12/31/2021	\$893,169,248
Average @ 12/31/2021	<u>\$867,205,666</u>

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AMORTIZATION OF LOSS ON REACQUIRED DEBT
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

<u>Acct. 1890 - Unamortized Loss</u>	<u>Amortization</u>
PCN Notes Loss/Unamortized Expense - 2019	\$43,469
PCN Notes Loss/Unamortized Expense - 2020	43,469
PCN Notes Loss/Unamortized Expense - 2021	43,469

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUMMARY OF REVENUES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books	Projected	
	2019	2020	2021
<u>Sales</u>			
Residential	\$59,895,090	\$57,503,552	\$57,692,185
Residential - Wahpeton	1,118,064	879,448	890,868
Residential - Propane	235,721	135,551	135,351
Firm General	46,656,882	44,464,559	45,286,850
Firm General - Wahpeton	886,080	738,492	753,725
Firm General - Propane	283,838	139,950	139,814
Air Force - Firm	160,699	159,201	159,201
Air Force - Interruptible MAFB	1,142,779	1,060,124	1,060,124
Air Force - Interruptible PAR	81,686	77,430	77,430
Optional Seasonal	60,932	53,859	53,834
Contracted Demand	97,246	919,747	959,992
Small Interruptible	3,548,016	2,103,283	2,103,283
Large Interruptible	18,000	0	0
Interruptible - Wahpeton	3,358,565	3,193,675	3,193,675
Reserve for Refunds	(93,490)	0	0
Unbilled Revenue	(1,132,825)	0	0
Total Sales	<u>\$116,317,283</u>	<u>\$111,428,871</u>	<u>\$112,506,332</u>
<u>Transportation</u>			
Small Interruptible	\$918,319	\$817,156	\$817,156
Large Interruptible	2,357,950	1,043,054	1,043,054
Interruptible - Wahpeton	333,536	370,861	382,113
Unbilled Revenue	(179,113)	0	0
Total Transportation	<u>\$3,430,692</u>	<u>\$2,231,071</u>	<u>\$2,242,323</u>
Total Sales and Transportation	<u>\$119,747,975</u>	<u>\$113,659,942</u>	<u>\$114,748,655</u>
<u>Other Operating Revenue</u>			
Miscellaneous Service Revenue	\$541,458	\$541,458	\$541,458
Rent from Property	529,028	565,349	565,349
Other Revenue	2,785,859	2,364,059	2,365,257
Total Other Revenue	<u>\$3,856,345</u>	<u>\$3,470,866</u>	<u>\$3,472,064</u>
Total Operating Revenue	<u>\$123,604,320</u>	<u>\$117,130,808</u>	<u>\$118,220,719</u>

Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Summary of Revenue
 2019 Per Books through Projected 2021

Rate Reporting Class	Per Books			Per Books at Current Rates			Normalized			Projected 2020			Projected 2021		
	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue
Residential															
Rate 60 - Propane	95,057	9,293,670	\$59,895,090	95,057	9,293,670	\$60,827,303	95,057	8,371,670	\$57,154,055	95,504	8,414,857	\$57,503,552	95,952	8,450,493	\$57,692,185
	273	20,154	235,721	273	20,154	148,025	16,948	16,948	135,351	273	16,951	135,351	273	16,948	135,351
Rate 90 - Propane	95,330	9,313,824	60,130,811	95,330	9,313,824	60,975,328	8,388,618	8,388,618	57,289,406	95,777	8,431,808	57,639,103	96,225	8,467,444	57,827,536
	1,851	169,563	1,118,064	1,851	169,563	982,300	1,851	1,481,117	867,893	1,875	1,500,094	879,448	1,900	1,520,038	890,868
Rate 65 - GPNG	97,181	9,483,387	61,248,875	97,181	9,483,387	61,957,628	8,536,735	8,536,735	58,157,239	97,852	8,581,902	58,518,551	98,125	8,619,479	58,718,404
Total Residential															
Air Force - Rate 64															
Firm	1	37,639	160,699	1	37,639	164,437	36,425	36,425	159,201	1	36,425	159,201	1	36,425	159,201
Interruptible	2	413,254	1,224,465	2	413,254	1,184,390	396,550	396,550	1,137,554	2	396,550	1,137,554	2	396,550	1,137,554
Total Air Force	3	450,893	1,385,164	3	450,893	1,348,827	432,975	432,975	1,296,755	3	432,975	1,296,755	3	432,975	1,296,755
Firm General - Rate 70															
Small Meters	10,786	2,099,527	12,555,447	10,786	2,099,527	12,823,055	1,877,411	1,877,411	11,758,008	10,955	1,907,375	11,952,534	11,127	1,936,766	12,129,742
Large Meters	4,817	6,542,330	34,101,435	4,817	6,542,330	34,974,793	5,883,912	5,883,912	31,817,678	4,920	6,010,542	32,512,025	5,025	6,130,793	33,157,108
	15,603	8,641,857	46,656,882	15,603	8,641,857	47,797,848	7,761,323	7,761,323	43,575,686	15,875	7,917,917	44,464,559	16,152	8,067,559	46,286,850
Rate 65 - GPNG	410	151,294	886,080	410	151,294	805,824	135,542	135,542	723,718	418	138,312	738,492	427	141,162	753,725
	16,013	8,793,151	47,542,962	16,013	8,793,151	48,603,672	7,896,865	7,896,865	44,299,404	16,293	8,056,229	45,203,051	16,579	8,208,721	46,040,575
Optional Seasonal - Rate 72															
Small Meters	5	1,022	4,392	5	1,022	4,664	1,022	1,022	4,667	5	1,022	4,667	5	1,022	4,664
Large Meters	11	12,357	56,540	11	12,357	49,170	12,357	12,357	49,192	11	12,357	49,192	11	12,357	49,170
	16	13,379	60,932	16	13,379	53,834	13,379	13,379	53,834	16	13,379	53,859	16	13,379	53,834
Contracted Demand - Rate 74															
Small Meters	9	47	5,039	9	47	5,071	24	24	10,414	18	24	10,427	18	24	10,414
Large Meters	5	25,064	92,207	5	25,064	101,839	272,866	272,866	909,320	16	272,866	909,320	16	272,866	949,578
	14	25,111	97,246	14	25,111	106,910	272,890	272,890	919,701	34	272,890	919,747	34	272,890	959,992
Firm General - Rate 92 Propane															
Small Meters	67	13,951	143,157	67	13,951	83,581	11,367	11,367	71,272	67	11,370	71,332	67	11,367	71,272
Large Meters	7	15,465	140,681	7	15,465	78,913	13,288	13,288	68,542	7	13,301	68,618	7	13,288	68,542
	74	29,416	283,838	74	29,416	162,494	24,655	24,655	139,814	74	24,671	139,950	74	24,655	139,814
Total Firm General	16,117	8,861,057	47,984,978	16,117	8,861,057	48,926,910	8,207,789	8,207,789	45,412,753	16,417	8,367,169	46,316,607	16,703	8,519,645	47,194,215
Small Interruptible															
Rate 71	87	560,551	2,272,399	87	560,551	2,103,283	514,844	514,844	2,103,283	87	514,844	2,103,283	87	514,844	2,103,283
Rate 71 Grain Dryers	39	307,672	1,254,742	39	307,672	0	0	0	0	0	0	0	0	0	0
Rate 81	61	1,168,659	918,319	61	1,168,659	919,744	1,015,084	1,015,084	817,156	61	1,015,084	817,156	61	1,015,084	817,156
Total Small Interruptible	187	2,036,882	4,466,335	187	2,036,882	3,192,143	1,529,928	1,529,928	2,920,439	148	1,529,928	2,920,439	148	1,529,928	2,920,439
Large Interruptible															
Rate 85	1	0	18,000	1	0	18,000	0	0	18,000	0	0	0	0	0	0
Rate 82	5	785,198	1,227,781	5	785,198	271,381	774,189	774,189	268,838	5	774,189	268,838	5	774,189	268,838
Rate 82 Contracts	2	4,020,450	1,130,169	2	4,020,450	783,038	3,967,730	3,967,730	774,216	2	3,967,730	774,216	2	3,967,730	774,216
Total Large Interruptible	8	4,805,648	2,375,950	8	4,805,648	1,072,419	4,741,919	4,741,919	1,061,054	7	4,741,919	1,043,054	7	4,741,919	1,043,054
Interruptible - GPNG															
Sales	19	815,521	3,358,565	19	815,521	3,286,960	792,211	792,211	3,193,675	19	792,211	3,193,675	19	792,211	3,193,675
Transport	9	1,043,853	333,536	9	1,043,853	344,833	1,125,190	1,125,190	370,861	9	1,125,190	370,861	9	1,125,190	382,113
	28	1,859,374	3,692,101	28	1,859,374	3,631,793	1,917,401	1,917,401	3,564,536	28	1,917,401	3,564,536	28	1,917,401	3,575,788

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenue
2019 Per Books through Projected 2021

Rate Reporting Class	Per Books			Per Books at Current Rates			Normalized			Projected 2020			Projected 2021		
	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue	Billing Units	Dk	Total Revenue
Total Sales - Montana-Dakota															
Residential	95,330	9,313,824	\$60,130,811	95,330	9,313,824	\$60,975,328	95,330	8,388,618	\$57,289,406	95,777	8,431,808	\$57,639,103	96,225	8,467,441	\$57,827,536
Air Force	3	450,893	1,385,164	3	450,893	1,348,827	3	432,975	1,296,755	3	432,975	1,296,755	3	432,975	1,296,755
Firm General	15,707	8,709,763	47,098,898	15,707	8,709,763	48,121,086	15,727	8,072,247	44,689,035	15,999	8,228,857	45,578,115	16,276	8,378,483	46,440,490
Small IT Sales	126	868,223	3,548,016	126	868,223	2,272,389	87	514,844	2,103,283	87	514,844	2,103,283	87	514,844	2,103,283
Large IT Sales	1	0	18,000	1	0	18,000	0	0	18,000	0	0	18,000	0	0	18,000
	111,167	19,342,703	112,735,640	111,148	17,408,684	105,396,479	111,866	17,608,484	106,617,256	112,591	17,793,743	107,668,064	112,591	17,793,743	107,668,064
Total Transportation - Montana-Dakota															
Small Interruptible	61	1,168,659	919,744	61	1,168,659	919,744	61	1,015,084	817,156	61	1,015,084	817,156	61	1,015,084	817,156
Large Interruptible	7	4,805,648	2,357,950	7	4,805,648	1,054,419	7	4,741,919	1,043,054	7	4,741,919	1,043,054	7	4,741,919	1,043,054
	68	5,974,307	3,276,269	68	5,974,307	1,974,163	68	5,757,003	1,860,210	68	5,757,003	1,860,210	68	5,757,003	1,860,210
Total Sales - GPNG ND															
Residential	1,851	169,563	1,118,064	1,851	169,563	982,300	1,851	148,117	867,893	1,875	150,094	879,448	1,900	152,038	890,868
Firm General	410	151,294	886,080	410	151,294	805,824	410	135,542	723,718	418	138,312	738,492	427	141,162	753,725
Interruptible	19	815,521	3,358,565	19	815,521	3,286,960	19	792,211	3,193,675	19	792,211	3,193,675	19	792,211	3,193,675
	2,280	1,136,378	5,362,709	2,280	1,136,378	5,075,084	2,280	1,075,870	4,785,286	2,312	1,080,617	4,811,615	2,346	1,085,411	4,838,268
Total Transport - GPNG ND	9	1,043,853	333,536	9	1,043,853	344,833	9	1,125,190	370,861	9	1,125,190	370,861	9	1,125,190	382,113
	2,289	2,180,231	5,696,245	2,289	2,180,231	5,419,917	2,289	2,201,060	5,156,147	2,321	2,205,807	5,182,476	2,355	2,210,601	5,220,381
Total Sales & Transportation	113,524	27,497,241	\$121,153,403	113,524	27,497,241	\$120,129,720	113,505	25,366,747	\$112,412,836	114,255	25,571,294	\$113,659,942	115,014	25,761,347	\$114,748,655

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Per Books					Capacity Reservation Charges 2/	
				Basic Service Charge	Distribution Charge	Cost of Gas	Total	Revenue		
Residential										
Rate 60 1/	95,057	9,293,670		\$23,617,529	\$7,184 2/	\$36,270,377	\$59,895,090	\$5,408		
Rate 90 - Propane	273	20,154		67,888		167,833	235,721			
Rate 65 - GPNG 3/	95,330	9,313,824		23,685,417	7,184	36,438,210	60,130,811	5,408		
Total Residential	1,851	169,563		77,817	180,320	859,927	1,118,064			
	97,181	9,483,387		23,763,234	187,504	37,298,137	61,248,875	5,408		
Air Force - Rate 64										
Firm	1	37,639		2,100	12,383	146,216	160,699			
Interruptible	2	413,254		26,100	73,146	1,125,219	1,224,465			
Total Air Force	3	450,893		28,200	85,529	1,271,435	1,385,164			
Firm General - Rate 70 1/										
Small Meters	10,786	2,099,527		2,740,867	1,601,984 2/	8,212,596	12,555,447	426		
Large Meters	4,817	6,542,330		3,588,570	5,072,702 2/	25,440,163	34,101,435	10,192		
	15,603	8,641,857		6,329,437	6,674,686	33,652,759	46,656,882	10,618		
Rate 65 - GPNG 4/	410	151,294		17,234	141,050	727,796	886,080			
	16,013	8,793,151		6,346,671	6,815,736	34,380,555	47,542,962	10,618		
Optional Seasonal - Rate 72										
Small Meters	5	1,022		1,269	829	2,294	4,392			
Large Meters	11	12,357		8,233	10,022	38,285	56,540			
	16	13,379		9,502	10,851	40,579	60,932			
Contracted Demand - Rate 74										
Small Meters	9	47		1,215	1,380	2,444	5,039			
Large Meters	5	25,064		1,542	13,786	76,879	92,207			
	14	25,111		2,757	15,166	79,323	97,246			
Firm General - Rate 92 Propane										
Small Meters	67	13,951		17,141	10,421	115,595	143,157			
Large Meters	7	15,465		5,252	11,872	123,557	140,681			
	74	29,416		22,393	22,293	239,152	283,838			
Total Firm General	16,117	8,861,057		6,381,323	6,864,046	34,739,609	47,984,978	10,618		

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Per Books					Capacity Reservation Charges 2/	
				Basic Service Charge	Distribution Charge	Cost of Gas	Total	Revenue		
Small Interruptible										
Rate 71	87	560,551		199,267	548,058	2/ 1,545,949	2,293,274	26,990		
Rate 71 Grain Dryers	39	307,672		86,137	353,858	814,747	1,254,742			
Rate 81	61	1,168,659		137,655	780,664		918,319			
Total Small Interruptible	187	2,036,882		423,059	1,682,580	2,360,696	4,466,335	26,990		
Large Interruptible										
Rate 85	1	0		18,000	0	0	18,000			
Rate 82	5	785,198		90,000	1,137,781	5/ 1,227,781	1,227,781	956,400		
Rate 82 Contracts	2	4,020,450		28,000	1,102,169		1,130,169			
Total Large Interruptible	8	4,805,648		136,000	2,239,950	0	2,375,950	956,400		
Interruptible - GPNG										
Sales Rate 71	19	815,521		799	579,749	2,778,017	3,358,565			
Transport Rate 80	9	1,043,853		10,800	322,736		333,536			
	28	1,859,374		11,599	902,485	2,778,017	3,692,101			
Total Sales - Montana-Dakota										
Residential	95,330	9,313,824		\$23,685,417	\$7,184	\$36,438,210	\$60,130,811	\$5,408		
Air Force	3	450,893		28,200	85,529	1,271,435	1,385,164	0		
Firm General	15,707	8,709,763	2,397	6,364,089	6,722,996	34,011,813	47,098,898	10,618		
Small IT Sales	126	868,223		285,404	901,916	2,360,696	3,548,016	26,990		
Large IT Sales	1	0		18,000	0	0	18,000	0		
	111,167	19,342,703	2,397	30,381,110	7,717,625	74,082,154	112,180,889	43,016		
Total Transportation - Montana-Dakota										
Small Interruptible	61	1,168,659		137,655	780,664		918,319	0		
Large Interruptible	7	4,805,648		118,000	2,239,950		2,357,950	956,400		
	68	5,974,307		255,655	3,020,614		3,276,269	956,400		

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Per Books						Capacity Reservation Charges 2/
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	
Total Sales - GPNG ND							
Residential	1,851	169,563		77,817	180,320	859,927	1,118,064
Firm General	410	151,294		17,234	141,050	727,796	886,080
Interruptible	19	815,521		799	579,749	2,778,017	3,358,565
	<u>2,280</u>	<u>1,136,378</u>		<u>95,850</u>	<u>901,119</u>	<u>4,365,740</u>	<u>5,362,709</u>
Total Transport - GPNG ND	9	1,043,853		10,800	322,736		333,536
	<u>2,289</u>	<u>2,180,231</u>		<u>106,650</u>	<u>1,223,855</u>	<u>4,365,740</u>	<u>5,696,245</u>
Total Sales & Transportation	<u>113,524</u>	<u>27,497,241</u>	<u>2,397</u>	<u>\$30,743,415</u>	<u>\$11,962,094</u>	<u>\$78,447,894</u>	<u>\$121,153,403</u>

- 1/ Includes customers located in the communities of Gwinner and Milnor and reflects the average number of customers in service in 2019. Customers started cutting into service mid to late 2019.
- 2/ Includes revenue billed under Rate 65's Capacity Reservation Charge. Amount billed under Rate 65 and Bobcat's Contract Demand Charge shown also in separate column.
- 3/ GPNG ND Rate 65 Revenue Class 00 (Residential).
- 4/ GPNG ND Rate 65 Revenue Class 10 (Firm Commercial).
- 5/ Includes revenue billed under Bobcat's Contract Demand Charge.

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue	
							Total	
Residential								
Rate 60	95,057	9,293,670		\$23,801,322		\$37,025,981	\$60,827,303	
Rate 90 - Propane	273	20,154		68,356		79,669	148,025	
	95,330	9,313,824		23,869,678		37,105,650	60,975,328	
Rate 65 - GPNG	1,851	169,563		77,742	168,519	736,039	982,300	
Total Residential	97,181	9,483,387		23,947,420	168,519	37,841,689	61,957,628	
Air Force - Rate 64								
Firm	1	37,639		2,100	12,383	149,954	164,437	
Interruptible	2	413,254		26,100	73,146	1,085,144	1,184,390	
Total Air Force	3	450,893		28,200	85,529	1,235,098	1,348,827	
Firm General - Rate 70								
Small Meters	10,786	2,099,527		2,755,823	1,702,716	8,364,516	12,823,055	
Large Meters	4,817	6,542,330		3,604,320	5,305,830	26,064,643	34,974,793	
	15,603	8,641,857		6,360,143	7,008,546	34,429,159	47,797,848	
Rate 65 - GPNG	410	151,294		17,220	131,867	656,737	805,824	
	16,013	8,793,151		6,377,363	7,140,413	35,085,896	48,603,672	
Optional Seasonal - Rate 72								
Small Meters	5	1,022		1,278	829	2,557	4,664	
Large Meters	11	12,357		8,231	10,022	30,917	49,170	
	16	13,379		9,509	10,851	33,474	53,834	
Contracted Demand - Rate 74								
Small Meters	9	47	222	1,150	1,445	2,476	5,071	
Large Meters	5	25,064	2,175	1,871	14,159	85,809	101,839	
	14	25,111	2,397	3,021	15,604	88,285	106,910	

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue	
							Basic Service Charge	Distribution Charge
Firm General - Rate 92 Propane								
Small Meters	67	13,951		17,119	11,314	55,148		83,581
Large Meters	7	15,465		5,238	12,542	61,133		78,913
	74	29,416		22,357	23,856	116,281		162,494
Total Firm General	16,117	8,861,057	2,397	6,412,250	7,190,724	35,323,936		48,926,910
Small Interruptible								
Rate 71	87	560,551		198,360	595,866	1,478,173		2,272,399
Rate 71 Grain Dryers	39	307,672		0	0	0		0
Rate 81	61	1,168,659		139,080	780,664			919,744
Total Small Interruptible	187	2,036,882		337,440	1,376,530	1,478,173		3,192,143
Large Interruptible								
Rate 85	1	0		18,000	0	0		18,000
Rate 82	5	785,198		90,000	181,381			271,381
Rate 82 Contracts	2	4,020,450		36,000	747,038			783,038
Total Large Interruptible	8	4,805,648		144,000	928,419	0		1,072,419
Interruptible - GPNG								
Sales 5/	19	815,521		798	555,798	2,730,364		3,286,960
Transport 6/	9	1,043,853		10,800	334,033			344,833
	28	1,859,374		11,598	889,831	2,730,364		3,631,793

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue	
							Basic Service Charge	Distribution Charge
Total Sales - Montana-Dakota								
Residential	95,330	9,313,824		\$23,869,678	\$0	\$37,105,650		\$60,975,328
Air Force	3	450,893		28,200	85,529	1,235,098		1,348,827
Firm General	15,707	8,709,763	2,397	6,395,030	7,058,857	34,667,199		48,121,086
Small IT Sales	126	868,223		198,360	595,866	1,478,173		2,272,399
Large IT Sales	1	0		18,000	0	0		18,000
	<u>111,167</u>	<u>19,342,703</u>	<u>2,397</u>	<u>30,509,268</u>	<u>7,740,252</u>	<u>74,486,120</u>		<u>112,735,640</u>
Total Transportation - Montana-Dakota								
Small Interruptible	61	1,168,659		139,080	780,664			919,744
Large Interruptible	7	4,805,648		126,000	928,419			1,054,419
	<u>68</u>	<u>5,974,307</u>		<u>265,080</u>	<u>1,709,083</u>			<u>1,974,163</u>
Total Sales - GPNG ND								
Residential	1,851	169,563		77,742	168,519	736,039		982,300
Firm General	410	151,294		17,220	131,867	656,737		805,824
Interruptible	19	815,521		798	555,798	2,730,364		3,286,960
	<u>2,280</u>	<u>1,136,378</u>		<u>95,760</u>	<u>856,184</u>	<u>4,123,140</u>		<u>5,075,084</u>
Total Transport - GPNG ND	9	1,043,853		10,800	334,033			344,833
	<u>2,289</u>	<u>2,180,231</u>		<u>106,560</u>	<u>1,190,217</u>	<u>4,123,140</u>		<u>5,419,917</u>
Total Sales & Transportation	<u>113,524</u>	<u>27,497,241</u>	<u>2,397</u>	<u>\$30,880,908</u>	<u>\$10,639,552</u>	<u>\$78,609,260</u>		<u>\$120,129,720</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

2/ GPNG ND Rates effective with service rendered on and after February 1, 2019 in Case Nos. PU-17-075 and PU-17-490 and projected cost of gas rates.

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue	
							Cost of Gas	Total
Residential								
Rate 60	95,057	8,371,670		\$23,801,322		\$33,352,733		\$57,154,055
Rate 90 - Propane	273	16,948		68,356		66,995		135,351
Rate 65 - GPNG	95,330	8,388,618		23,869,678		33,419,728		57,289,406
Total Residential	1,851	148,117		77,742	147,205	642,946		867,893
	97,181	8,536,735		23,947,420	147,205	34,062,674		58,157,299
Air Force - Rate 64								
Firm	1	36,425		2,100	11,984	145,117		159,201
Interruptible	2	396,550		26,100	70,189	1,041,265		1,137,554
Total Air Force	3	432,975		28,200	82,173	1,186,382		1,296,755
Firm General - Rate 70								
Small Meters	10,786	1,877,411		2,755,823	1,522,580	7,479,605		11,758,008
Large Meters	4,817	5,883,912		3,604,320	4,771,853	23,441,505		31,817,678
Rate 65 - GPNG	15,603	7,761,323		6,360,143	6,294,433	30,921,110		43,575,686
	410	135,542		17,220	118,137	588,361		723,718
Optional Seasonal - Rate 72	16,013	7,896,865		6,377,363	6,412,570	31,509,471		44,299,404
Small Meters	5	1,022		1,278	829	2,557		4,664
Large Meters	11	12,357		8,231	10,022	30,917		49,170
Contracted Demand - Rate 74	16	13,379		9,509	10,851	33,474		53,834
Small Meters	18	24	222	4,599	2,187	3,628		10,414
Large Meters	16	272,866	2,175	11,972	81,557	815,758		909,287
Total	34	272,890	2,397	16,571	83,744	819,386		919,701

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Normalized @ Current Rates						Revenue
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	
Firm General - Rate 92 Propane							
Small Meters	67	11,367		17,119	9,219	44,934	71,272
Large Meters	7	13,288		5,238	10,777	52,527	68,542
	74	24,655		22,357	19,996	97,461	139,814
Total Firm General	16,137	8,207,789	2,397	6,425,800	6,527,161	32,459,792	45,412,753
Small Interruptible							
Rate 71	87	514,844		198,360	547,279	1,357,644	2,103,283
Rate 71 Grain Dryers							
Rate 81	61	1,015,084		139,080	678,076		817,156
Total Small Interruptible	148	1,529,928		337,440	1,225,355	1,357,644	2,920,439
Large Interruptible							
Rate 85	1	0		18,000	0	0	18,000
Rate 82	5	774,189		90,000	178,838		268,838
Rate 82 Contracts	2	3,967,730		36,000	738,216		774,216
Total Large Interruptible	8	4,741,919		144,000	917,054	0	1,061,054
Interruptible - GPNG							
Sales	19	792,211		798	540,555	2,652,322	3,193,675
Transport	9	1,125,190		10,800	360,061		370,861
	28	1,917,401		11,598	900,616	2,652,322	3,564,536

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Twelve Months Ended December 31, 2019

Rate Reporting Class	Normalized @ Current Rates						Revenue
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	
Total Sales - Montana-Dakota							
Residential	95,330	8,388,618		\$23,869,678	\$0	\$33,419,728	\$57,289,406
Air Force	3	432,975		28,200	82,173	1,186,382	1,296,755
Firm General	15,727	8,072,247	2,397	6,408,580	6,409,024	31,871,431	44,689,035
Small IT Sales	87	514,844		198,360	547,279	1,357,644	2,103,283
Large IT Sales	1	0		18,000	0	0	18,000
	<u>111,148</u>	<u>17,408,684</u>	<u>2,397</u>	<u>30,522,818</u>	<u>7,038,476</u>	<u>67,835,185</u>	<u>105,396,479</u>
Total Transportation - Montana-Dakota							
Small Interruptible	61	1,015,084		139,080	678,076		817,156
Large Interruptible	7	4,741,919		126,000	917,054		1,043,054
	<u>68</u>	<u>5,757,003</u>		<u>265,080</u>	<u>1,595,130</u>		<u>1,860,210</u>
Total Sales - GPNG ND							
Residential	1,851	148,117		77,742	147,205	642,946	867,893
Firm General	410	135,542		17,220	118,137	588,361	723,718
Interruptible	19	792,211		798	540,555	2,652,322	3,193,675
	<u>2,280</u>	<u>1,075,870</u>		<u>95,760</u>	<u>805,897</u>	<u>3,883,629</u>	<u>4,785,286</u>
Total Transport - GPNG ND	9	1,125,190		10,800	360,061		370,861
	<u>2,289</u>	<u>2,201,060</u>		<u>106,560</u>	<u>1,165,958</u>	<u>3,883,629</u>	<u>5,156,147</u>
Total Sales & Transportation	<u>113,505</u>	<u>25,366,747</u>	<u>2,397</u>	<u>\$30,894,458</u>	<u>\$9,799,564</u>	<u>\$71,718,814</u>	<u>\$112,412,836</u>

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Projected 2020

Projected 2020 @ Current Rates

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue
							Total
Residential							
Rate 60	95,504	8,414,857		\$23,978,762		\$33,524,790	\$57,503,552
Rate 90 - Propane	273	16,951		68,544		67,007	135,551
	95,777	8,431,808		24,047,306		33,591,797	57,639,103
Rate 65 - GPNG	1,875	150,094		78,750	\$149,170	651,528	879,448
Total Residential	97,652	8,581,902		24,126,056	149,170	34,243,325	58,518,551
Air Force - Rate 64							
Firm	1	36,425		2,100	11,984	145,117	159,201
Interruptible	2	396,550		26,100	70,189	1,041,265	1,137,554
Total Air Force	3	432,975		28,200	82,173	1,186,382	1,296,755
Firm General - Rate 70							
Small Meters	10,955	1,907,375		2,806,671	1,546,881	7,598,982	11,952,534
Large Meters	4,920	6,010,542		3,691,476	4,874,550	23,945,999	32,512,025
	15,875	7,917,917		6,498,147	6,421,431	31,544,981	44,464,559
Rate 65 - GPNG	418	138,312		17,556	120,551	600,385	738,492
	16,293	8,056,229		6,515,703	6,541,982	32,145,366	45,203,051
Optional Seasonal - Rate 72							
Small Meters	5	1,022		1,281	829	2,557	4,667
Large Meters	11	12,357		8,253	10,022	30,917	49,192
	16	13,379		9,534	10,851	33,474	53,859
Contracted Demand - Rate 74							
Small Meters	18	24	336	4,612	2,187	3,628	10,427
Large Meters	16	272,866	12,528	12,005	81,557	815,758	909,320
	34	272,890	12,864	16,617	83,744	819,386	919,747

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Projected 2020

Rate Reporting Class	Projected 2020 @ Current Rates						Total
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	
Firm General - Rate 92 Propane							
Small Meters	67	11,370		17,165	9,221	44,946	71,332
Large Meters	7	13,301		5,252	10,787	52,579	68,618
	74	24,671		22,417	20,008	97,525	139,950
Total Firm General	16,417	8,367,169	12,864	6,564,271	6,656,585	33,095,751	46,316,607
Small Interruptible							
Rate 71	87	514,844		198,360	547,279	1,357,644	2,103,283
Rate 71 Grain Dryers							
Rate 81	61	1,015,084		139,080	678,076		817,156
Total Small Interruptible	148	1,529,928		337,440	1,225,355	1,357,644	2,920,439
Large Interruptible							
Rate 85	0	0		0	0	0	0
Rate 82	5	774,189		90,000	178,838		268,838
Rate 82 Contracts	2	3,967,730		36,000	738,216		774,216
Total Large Interruptible	7	4,741,919		126,000	917,054	0	1,043,054
Interruptible - GPNG							
Sales	19	792,211		798	540,555	2,652,322	3,193,675
Transport	9	1,125,190		10,800	360,061		370,861
	28	1,917,401		11,598	900,616	2,652,322	3,564,536

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Projected 2020

Rate Reporting Class	Projected 2020 @ Current Rates							Revenue
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Total	
Total Sales - Montana-Dakota								
Residential	95,777	8,431,808		\$24,047,306	\$0	\$33,591,797	\$57,639,103	
Air Force	3	432,975		28,200	82,173	1,186,382	1,296,755	
Firm General	15,999	8,228,857	12,864	6,546,715	6,536,034	32,495,366	45,578,115	
Small IT Sales	87	514,844		198,360	547,279	1,357,644	2,103,283	
Large IT Sales	0	0		0	0	0	0	
	<u>111,866</u>	<u>17,608,484</u>	<u>12,864</u>	<u>30,820,581</u>	<u>7,165,486</u>	<u>68,631,189</u>	<u>106,617,256</u>	
Total Transportation - Montana-Dakota								
Small Interruptible	61	1,015,084		139,080	678,076		817,156	
Large Interruptible	7	4,741,919		126,000	917,054		1,043,054	
	<u>68</u>	<u>5,757,003</u>		<u>265,080</u>	<u>1,595,130</u>		<u>1,860,210</u>	
Total Sales - GPNG ND								
Residential	1,875	150,094		78,750	149,170	651,528	879,448	
Firm General	418	138,312		17,556	120,551	600,385	738,492	
Interruptible	19	792,211		798	540,555	2,652,322	3,193,675	
	<u>2,312</u>	<u>1,080,617</u>		<u>97,104</u>	<u>810,276</u>	<u>3,904,235</u>	<u>4,811,615</u>	
Total Transport - GPNG ND	9	1,125,190		10,800	360,061		370,861	
	<u>2,321</u>	<u>2,205,807</u>		<u>107,904</u>	<u>1,170,337</u>	<u>3,904,235</u>	<u>5,182,476</u>	
Total Sales & Transportation	<u>114,255</u>	<u>25,571,294</u>	<u>12,864</u>	<u>\$31,193,565</u>	<u>\$9,930,953</u>	<u>\$72,535,424</u>	<u>\$113,659,942</u>	

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Projected 2021

Projected 2021 @ Current Rates

Rate Reporting Class	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue
							Total
Residential							
Rate 60	95,952	8,450,493		\$24,025,421		\$33,666,764	\$57,692,185
Rate 90 - Propane	273	16,948		68,356		66,995	135,351
Rate 65 - GPNG	96,225	8,467,441		24,093,777		33,733,759	57,827,536
Total Residential	1,900	152,038		79,800	\$151,101	659,967	890,868
	98,125	8,619,479		24,173,577	151,101	34,393,726	58,718,404
Air Force - Rate 64							
Firm	1	36,425		2,100	11,984	145,117	159,201
Interruptible	2	396,550		26,100	70,189	1,041,265	1,137,554
Total Air Force	3	432,975		28,200	82,173	1,186,382	1,296,755
Firm General - Rate 70							
Small Meters	11,127	1,936,766		2,842,949	1,570,717	7,716,076	12,129,742
Large Meters	5,025	6,130,793		3,759,956	4,972,073	24,425,079	33,157,108
Rate 65 - GPNG	16,152	8,067,559		6,602,905	6,542,790	32,141,155	45,286,850
	427	141,162		17,934	123,035	612,756	753,725
	16,579	8,208,721		6,620,839	6,665,825	32,753,911	46,040,575
Optional Seasonal - Rate 72							
Small Meters	5	1,022		1,278	829	2,557	4,664
Large Meters	11	12,357		8,231	10,022	30,917	49,170
	16	13,379		9,509	10,851	33,474	53,834
Contracted Demand - Rate 74							
Small Meters	18	24	336	4,599	2,187	3,628	10,414
Large Meters	16	272,866	14,880	11,972	96,869	840,737	949,578
	34	272,890	15,216	16,571	99,056	844,365	959,992

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Projected 2021

Rate Reporting Class	Projected 2021 @ Current Rates						Revenue
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	
Firm General - Rate 92 Propane							
Small Meters	67	11,367		17,119	9,219	44,934	71,272
Large Meters	7	13,288		5,238	10,777	52,527	68,542
	74	24,655		22,357	19,996	97,461	139,814
Total Firm General	16,703	8,519,645	15,216	6,669,276	6,795,728	33,729,211	47,194,215
Small Interruptible							
Rate 71	87	514,844		198,360	547,279	1,357,644	2,103,283
Rate 71 Grain Dryers							
Rate 81	61	1,015,084		139,080	678,076	0	817,156
Total Small Interruptible	148	1,529,928		337,440	1,225,355	1,357,644	2,920,439
Large Interruptible							
Rate 85	0	0		0	0	0	0
Rate 82	5	774,189		90,000	178,838		268,838
Rate 82 Contracts	2	3,967,730		36,000	738,216		774,216
Total Large Interruptible	7	4,741,919		126,000	917,054	0	1,043,054
Interruptible - GPNG							
Sales	19	792,211		798	540,555	2,652,322	3,193,675
Transport	9	1,125,190		10,800	371,313		382,113
	28	1,917,401		11,598	911,868	2,652,322	3,575,788

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Revenues
Projected 2021

Rate Reporting Class	Projected 2021 @ Current Rates							Total
	Billing Units	Dk	Contracted Demand Dk	Basic Service Charge	Distribution Charge	Cost of Gas	Revenue	
Total Sales - Montana-Dakota								
Residential	96,225	8,467,441		\$24,093,777	\$0	\$33,733,759	\$57,827,536	
Air Force	3	432,975		28,200	82,173	1,186,382	1,296,755	
Firm General	16,276	8,378,483	15,216	6,651,342	6,672,693	33,116,455	46,440,490	
Small IT Sales	87	514,844		198,360	547,279	1,357,644	2,103,283	
Large IT Sales	0	0		0	0	0	0	
	<u>112,591</u>	<u>17,793,743</u>	<u>15,216</u>	<u>30,971,679</u>	<u>7,302,145</u>	<u>69,394,240</u>	<u>107,668,064</u>	
Total Transportation - Montana-Dakota								
Small Interruptible	61	1,015,084		139,080	678,076		817,156	
Large Interruptible	7	4,741,919		126,000	917,054		1,043,054	
	<u>68</u>	<u>5,757,003</u>		<u>265,080</u>	<u>1,595,130</u>		<u>1,860,210</u>	
Total Sales - GPNG ND								
Residential	1,900	152,038		79,800	151,101	659,967	890,868	
Firm General	427	141,162		17,934	123,035	612,756	753,725	
Interruptible	19	792,211		798	540,555	2,652,322	3,193,675	
	<u>2,346</u>	<u>1,085,411</u>		<u>98,532</u>	<u>814,691</u>	<u>3,925,045</u>	<u>4,838,268</u>	
Total Transport - GPNG ND	9	1,125,190		10,800	371,313		382,113	
	<u>2,355</u>	<u>2,210,601</u>		<u>109,332</u>	<u>1,186,004</u>	<u>3,925,045</u>	<u>5,220,381</u>	
Total Sales & Transportation	<u>115,014</u>	<u>25,761,347</u>	<u>15,216</u>	<u>\$31,346,091</u>	<u>\$10,083,279</u>	<u>\$73,319,285</u>	<u>\$114,748,655</u>	

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Current Rates 1/ 2/**

Rate Schedules	Basic Service Charge	Distribution Charges	Cost of Gas
Residential - Rate 60	\$0.686 per day		\$3.984
Residential - Rate 90 Propane	0.686 per day		3.953
Residential - GPNG ND Rate 65	3.50 per month		4.3408
First 10 Dk		\$1.072	
Over 10 Dk		0.822	
Air Force - Rate 64			
Minot Air Force Base	2,000.00 per month		
Firm Service		0.329	3.984
Interruptible Service		0.177	2.625
PAR Site	175.00 per month		
Firm Service		0.329	3.984
Interruptible Service		0.177	2.637
Firm General - Rate 70		0.811	3.984
Small Meters	0.70 per day		
Large Meters	2.05 per day		
Firm General - Rate 92 Propane		0.811	3.953
Small Meters	0.70 per day		
Large Meters	2.05 per day		
Firm General - GPNG ND Rate 65	3.50 per month		4.3408
First 10 Dk		\$1.072	
Over 10 Dk		0.822	
Optional Seasonal - Rate 72		0.811	2.502
Small Meters	0.70 per day		
Large Meters	2.05 per day		
Contracted Demand - Rate 74			
Small Meters	0.70 per day		
Large Meters	2.05 per day		
Demand Charge		6.510	
Capacity Charge - COG			10.620
Cost of Gas			2.502
Small Interruptible Sales - Rate 71	190.00 per month		2.637
Maximum Rate per dk		1.063	
Minimum Rate per dk		0.668	
Large Interruptible Sales - Rate 85	1,500.00 per month		2.637
Maximum Rate per dk		0.718	
Minimum Rate per dk		0.231	

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Summary of Current Rates 1/ 2/**

Rate Schedules	Basic Service Charge	Distribution Charges	Cost of Gas
Interruptible - GPNG ND Rate 71	3.50 per month		3.3480
Maximum Rate per Dk			
First 400 Dk		1.016	
Next 2,600 Dk		0.768	
Over 3,000 Dk		0.614	
Minimum Rate per Dk		0.130	
Small Interruptible Transport - Rate 81	190.00 per month		
Maximum Rate per dk		0.668	
Minimum Rate per dk		0.102	
Large Interruptible Transport - Rate 82	1,500.00 per month		
Maximum Rate per dk		0.231	
Minimum Rate per dk		0.061	
Interruptible - GPNG ND Rate 80	3.50 per month		
Maximum Rate per Dk			
First 400 Dk		1.016	
Next 2,600 Dk		0.768	
Over 3,000 Dk		0.614	
Minimum Rate per Dk		0.130	

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

2/ GPNG ND Rates effective with service rendered on and after February 1, 2019 in Case Nos. PU-17-075 and PU-17-490 and projected cost of gas rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Residential - Rate 60									
Basic Service Charge	\$0.686 per day	95,057	\$23,801,322	95,057	\$23,801,322	95,504	\$23,978,762	95,952	\$24,025,421
Distribution Delivery Charge	\$0.000 per dk	9,293,670	0	8,371,670	0	8,414,857	0	8,450,493	0
Cost of Gas	\$3.984 per dk	9,293,670	37,025,981	8,371,670	33,352,733	8,414,857	33,524,790	8,450,493	33,666,764
Total Revenue			<u>\$60,827,303</u>		<u>\$57,154,055</u>		<u>\$57,503,552</u>		<u>\$57,692,185</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
**Calculation of Revenues 1/
 Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Residential - Rate 90 Propane									
Basic Service Charge	\$0.686 per day	273	\$68,356	273	\$68,356	273	\$68,544	273	\$68,356
Distribution Delivery Charge	\$0.000 per dk	20,154	0	16,948	0	16,951	0	16,948	0
Cost of Gas	\$3.953 per dk	20,154	79,669	16,948	66,995	16,951	67,007	16,948	66,995
Total Revenue			<u>\$148,025</u>		<u>\$135,351</u>		<u>\$135,551</u>		<u>\$135,351</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Air Force - Rate 64									
Basic Service Charge	\$2,000.00 per month	1	\$24,000	1	\$24,000	1	\$24,000	1	\$24,000
Minot Air Force Base PAR Site									
Firm Service	175.00 per month	1	2,100	1	2,100	1	2,100	1	2,100
Interruptible Service	175.00 per month	1	2,100	1	2,100	1	2,100	1	2,100
		3	28,200	3	28,200	3	28,200	3	28,200
Distribution Delivery Charge									
Firm Service	\$0.329 per dk	37,639	12,383	36,425	11,984	36,425	11,984	36,425	11,984
Interruptible Service	0.177 per dk	413,254	73,146	396,550	70,189	396,550	70,189	396,550	70,189
		450,893	85,529	432,975	82,173	432,975	82,173	432,975	82,173
Cost of Gas									
Firm Service	\$3.984 per dk	37,639	149,954	36,425	145,117	36,425	145,117	36,425	145,117
Interruptible Service - MAFB	2.625 per dk	384,055	1,008,144	369,780	970,673	369,780	970,673	369,780	970,673
Interruptible Service - PAR	2.637 per dk	29,200	77,000	26,770	70,592	26,770	70,592	26,770	70,592
		450,894	1,235,098	432,975	1,186,382	432,975	1,186,382	432,975	1,186,382
Firm Service			164,437		159,201		159,201		159,201
Interruptible Service			1,184,390		1,137,554		1,137,554		1,137,554
Total Revenue			<u>\$1,348,827</u>		<u>\$1,296,755</u>		<u>\$1,296,755</u>		<u>\$1,296,755</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Residential - GPNG ND Rate 65									
Basic Service Charge									
Residential	\$3.50 per month	1,851	\$77,742	1,851	\$77,742	1,875	\$78,750	1,900	\$79,800
Firm General	3.50 per month	410	17,220	410	17,220	418	17,556	427	17,934
		<u>2,261</u>	<u>94,962</u>	<u>2,261</u>	<u>94,962</u>	<u>2,293</u>	<u>96,306</u>	<u>2,327</u>	<u>97,734</u>
Distribution Delivery Charge									
Residential 2/									
First 10 Dk	\$1.0720 per dk	116,552	124,944	101,811	109,141	103,170	110,598	104,506	112,030
Over 10 Dk	0.8220 per dk	53,011	43,575	46,306	38,064	46,924	38,572	47,532	39,071
		<u>169,563</u>	<u>168,519</u>	<u>148,117</u>	<u>147,205</u>	<u>150,094</u>	<u>149,170</u>	<u>152,038</u>	<u>151,101</u>
Firm General 3/									
First 10 Dk	\$1.0720 per dk	30,011	32,172	26,886	28,822	27,436	29,411	28,001	30,017
Over 10 Dk	0.8220 per dk	121,283	99,695	108,656	89,315	110,876	91,140	113,161	93,018
		<u>151,294</u>	<u>131,867</u>	<u>135,542</u>	<u>118,137</u>	<u>138,312</u>	<u>120,551</u>	<u>141,162</u>	<u>123,035</u>
Cost of Gas									
Residential	\$4.3408 per dk	169,563	736,039	148,117	642,946	150,094	651,528	152,038	659,967
Firm General	4.3408 per dk	151,294	656,737	135,542	588,361	138,312	600,385	141,162	612,756
		<u>320,857</u>	<u>1,392,776</u>	<u>283,659</u>	<u>1,231,307</u>	<u>288,406</u>	<u>1,251,913</u>	<u>293,200</u>	<u>1,272,723</u>
Residential			982,300		867,893		879,448		890,868
Firm General			805,824		723,718		738,492		753,725
Total Revenue			<u>\$1,788,124</u>		<u>\$1,591,611</u>		<u>\$1,617,940</u>		<u>\$1,644,593</u>

1/ GPNG ND Rates effective with service rendered on and after February 1, 2019 in Case Nos. PU-17-075 and PU-17-490 and projected cost of gas rates.

2/ Blockings based on 2019 residential rate blockings:
68.7366% for first 10 Dk
31.2634% for over 10 Dk

3/ Blockings based on 2019 firm general rate blockings:
19.8362% for first 10 Dk
80.1638% for over 10 Dk

	Projected 2020	Projected 2021
Normalized		
	101,811	104,506
	46,306	47,532
	<u>148,117</u>	<u>152,038</u>
Per Books		
	30,010.9	28,001
	121,282.9	113,161
	<u>151,293.8</u>	<u>141,162</u>

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Firm General - Rate 70 Small Meters	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$0.70 per day	10,786	\$2,755,823	10,786	\$2,755,823	10,955	\$2,806,671	11,127	\$2,842,949
Distribution Delivery Charge	\$0.811 per dk	2,099,527	1,702,716	1,877,411	1,522,580	1,907,375	1,546,881	1,936,766	1,570,717
Cost of Gas	\$3.984 per dk	2,099,527	8,364,516	1,877,411	7,479,605	1,907,375	7,598,982	1,936,766	7,716,076
Total Revenue			<u>\$12,823,055</u>		<u>\$11,758,008</u>		<u>\$11,952,534</u>		<u>\$12,129,742</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Firm General - Rate 70 Large Meters	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$2.05 per day	4,817	\$3,604,320	4,817	\$3,604,320	4,920	\$3,691,476	5,025	\$3,759,956
Distribution Delivery Charge	\$0.811 per dk	6,542,330	5,305,830	5,883,912	4,771,853	6,010,542	4,874,550	6,130,793	4,972,073
Cost of Gas	\$3.984 per dk	6,542,330	26,064,643	5,883,912	23,441,505	6,010,542	23,945,999	6,130,793	24,425,079
Total Revenue			<u>\$34,974,793</u>		<u>\$31,817,678</u>		<u>\$32,512,025</u>		<u>\$33,157,108</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Firm General - Rate 92 Small Meters - Propane									
Basic Service Charge	\$0.70 per day	67	\$17,119	67	\$17,119	67	\$17,165	67	\$17,119
Distribution Delivery Charge	\$0.811 per dk	13,951	11,314	11,367	9,219	11,370	9,221	11,367	9,219
Cost of Gas	\$3.953 per dk	13,951	55,148	11,367	44,934	11,370	44,946	11,367	44,934
Total Revenue			<u>\$83,581</u>		<u>\$71,272</u>		<u>\$71,332</u>		<u>\$71,272</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Firm General - Rate 92 Large Meters - Propane									
Basic Service Charge	\$2.05 per day	7	\$5,238	7	\$5,238	7	\$5,252	7	\$5,238
Distribution Delivery Charge	\$0.811 per dk	15,465	12,542	13,288	10,777	13,301	10,787	13,288	10,777
Cost of Gas	\$3.953 per dk	15,465	61,133	13,288	52,527	13,301	52,579	13,288	52,527
Total Revenue			<u>\$78,913</u>		<u>\$68,542</u>		<u>\$68,618</u>		<u>\$68,542</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Optional Seasonal Rate 72 - Small Meters	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$0.70 per day	5	\$1,278	5	\$1,278	5	\$1,281	5	\$1,278
Distribution Delivery Charge	\$0.811 per dk	1,022	829	1,022	829	1,022	829	1,022	829
Cost of Gas	\$2.502 per dk	1,022	2,557	1,022	2,557	1,022	2,557	1,022	2,557
Total Revenue			<u>\$4,664</u>		<u>\$4,664</u>		<u>\$4,667</u>		<u>\$4,664</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Optional Seasonal Rate 72 - Large Meters	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$2.05 per day	11	\$8,231	11	\$8,231	11	\$8,253	11	\$8,231
Distribution Delivery Charge	\$0.811 per dk	12,357	10,022	12,357	10,022	12,357	10,022	12,357	10,022
Cost of Gas	\$2.502 per dk	12,357	30,917	12,357	30,917	12,357	30,917	12,357	30,917
Total Revenue			<u>\$49,170</u>		<u>\$49,170</u>		<u>\$49,192</u>		<u>\$49,170</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Firm Contracted Demand - Rate 74 Small Meters	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$0.70 per day	9	\$1,150 2/	18	\$4,599	18	\$4,612	18	\$4,599
Distribution Demand Charge	\$6.510 per dk	222	1,445	336	2,187	336	2,187	336	2,187
Cost of Gas									
Cost of Gas	\$2.502 per dk	47	118	24	60	24	60	24	60
Capacity Charge	10.620 per dk	222	2,358	336	3,568	336	3,568	336	3,568
			2,476		3,628		3,628		3,628
Total Revenue			\$5,071		\$10,414		\$10,427		\$10,414

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

2/ Reflects 1/2 year as customers started cutting into service under Rate 74 mid-2019.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Firm Contracted Demand - Rate 74 Large Meters	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$2.05 per day	5	\$1,871 2/	16	\$11,972	16	\$12,005	16	\$11,972
Distribution Demand Charge	\$6.510 per dk	2,175	14,159	12,528	81,557	12,528	81,557	14,880	96,869
Cost of Gas									
Cost of Gas	\$2.502 per dk	25,064	62,710	272,866	682,711	272,866	682,711	272,866	682,711
Capacity Charge	10.620 per dk	2,175	23,099	12,528	133,047	12,528	133,047	14,880	158,026
			85,809		815,758		815,758		840,737
Total Revenue			\$101,839		\$909,287		\$909,320		\$949,578

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.
2/ Reflects 1/2 year as customers started cutting into service under Rate 74 mid-2019.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

Small Interruptible - Rate 71 2/	Rate	Per Books at Current Rates							
		Billing Units	Revenue	Billing Units	Normalized 2/ Revenue	Billing Units	Projected 2020 2/ Revenue	Billing Units	Projected 2021 2/ Revenue
Basic Service Charge									
Rate 71	\$190.00 per month	87	\$198,360	87	\$198,360	87	\$198,360	87	\$198,360
Rate 71 Grain Dryers	190.00 per month	39	198,360	87	198,360	0	198,360	87	198,360
Distribution Delivery Charge									
Rate 71	\$1.063 per dk	560,551	595,866	514,844	547,279	514,844	547,279	514,844	547,279
Rate 71 Grain Dryers	1.063 per dk	307,672	595,866	514,844	547,279	0	547,279	514,844	547,279
Cost of Gas									
Rate 71	\$2.637 per dk	560,551	1,478,173	514,844	1,357,644	514,844	1,357,644	514,844	1,357,644
Rate 71 Grain Dryers	2.637 per dk	307,672	1,478,173	514,844	1,357,644	0	1,357,644	514,844	1,357,644
Total Revenue			\$2,272,399		\$2,103,283		\$2,103,283		\$2,103,283
Rate 71			\$2,272,399		\$2,103,283		\$2,103,283		\$2,103,283
Rate 71 Grain Dryers									

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

2/ Excluding grain drying customers as per provision 6 of the Cost of Gas = Natural Gas Rate 88 tariff, the margin revenue collected from grain drying customers served under interruptible service rates is credited back to the Company's firm service customers.

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019

	Rate	Per Books at Current Rates		Normalized		Projected 2020 2/		Projected 2021 2/	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Large Interruptible - Rate 85									
Basic Service Charge	\$1,500.00 per month	1	\$18,000	1	\$18,000		\$0		\$0
Distribution Delivery Charge	\$0.718 per dk	0	0	0	0		0		0
Cost of Gas	\$2.637 per dk	0	0	0	0		0		0
Total Revenue			\$18,000		\$18,000		\$0		\$0

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

2/ Customer no longer in service.

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019

Interruptible - GPNG ND Rate 71	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Basic Service Charge	\$3.50 per month	19	\$798	19	\$798	19	\$798	19	\$798
Distribution Delivery Charge @ Maximum Rate 2/									
First 400 Dk	\$1.0160 per dk	63,114	64,124	62,153	63,147	62,153	63,147	62,153	63,147
Next 2,600 Dk	0.7675 per dk	193,465	148,484	189,916	145,761	189,916	145,761	189,916	145,761
Over 3,000 Dk	0.6140 per dk	558,942	343,190	540,142	331,647	540,142	331,647	540,142	331,647
		815,521	555,798	792,211	540,555	792,211	540,555	792,211	540,555
Cost of Gas	\$3.3480 per dk	815,521	2,730,364	792,211	2,652,322	792,211	2,652,322	792,211	2,652,322
Total Revenue			<u>\$3,286,960</u>		<u>\$3,193,675</u>		<u>\$3,193,675</u>		<u>\$3,193,675</u>

1/ GPNG ND Rates effective with service rendered on and after February 1, 2019 in Case Nos. PU-17-075 and PU-17-490 and projected cost of gas rates.

2/ Blockings based on 2019 rate blockings:	Per Books		Normalized		Projected 2020		Projected 2021	
	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Rate 71 blockings excl select Rate 71 accounts	68,843.5		67,705		67,705		67,705	
41.9294% for first 400 Dk	28,865.7		28,389		28,389		28,389	
54.5208% next 2,600 Dk	37,534.0		36,913		36,913		36,913	
3.5498% for over 3,000 Dk	2,443.8		2,403		2,403		2,403	
Rate 71 blockings for 5185202902 & 2051202045	67,937.8		66,242		66,242		66,242	
13.5596% for first 400 Dk	9,212.1		8,983		8,983		8,983	
63.5433% next 2,600 Dk	43,169.9		42,092		42,092		42,092	
22.8971% for over 3,000 Dk	15,555.8		15,167		15,167		15,167	
Rate 71 blockings for 3941202814 & 5296291474	531,296.0		509,115		509,115		509,115	
1.7941% for first 400 Dk	9,532.1		9,134		9,134		9,134	
10.8431% next 2,600 Dk	57,609.1		55,204		55,204		55,204	
87.3628% for over 3,000 Dk	464,154.8		444,777		444,777		444,777	
Rate 71 blockings for 9484202724	100,043.2		101,360		101,360		101,360	
3.2117% for first 400 Dk	3,213.1		3,255		3,255		3,255	
20.7910% next 2,600 Dk	20,800.0		21,074		21,074		21,074	
75.9973% for over 3,000 Dk	76,030.1		77,031		77,031		77,031	
Rate 71 blockings (0418202129, 9128202070, 7941202958)	47,400.6		47,789		47,789		47,789	
25.9307% for first 400 Dk	12,291.3		12,392		12,392		12,392	
72.4712% next 2,600 Dk	34,351.8		34,633		34,633		34,633	
1.5981% for over 3,000 Dk	757.5		764		764		764	
	815,521.1		792,211		792,211		792,211	

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues
Twelve Months Ended December 31, 2019

	Rate	Per Books at Current Rates				Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Transportation Contract - GPNG ND Rate 80											
Basic Service Charge	\$100.00 per month	9	\$10,800	9	\$10,800	9	\$10,800	9	\$10,800	9	\$10,800
Distribution Delivery Charge											
@ Contract Rate 1/1/20	\$0.320 per dk	1,043,853	334,033	1,125,190	360,061	1,125,190	360,061	1,125,190	360,061	1,125,190	371,313
@ Contract Rate 1/1/21	0.330 per dk	1,043,853	334,033	1,125,190	360,061	1,125,190	360,061	1,125,190	360,061	1,125,190	371,313
Total Revenue			\$344,833		\$370,861		\$370,861		\$370,861		\$382,113

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Small IT Transport - Rate 81									
Basic Service Charge	\$190.00 per month	61	\$139,080	61	\$139,080	61	\$139,080	61	\$139,080
Distribution Delivery Charge	\$0.668 per dk	1,168,659	780,664	1,015,084	678,076	1,015,084	678,076	1,015,084	678,076
Total Revenue			<u>\$919,744</u>		<u>\$817,156</u>		<u>\$817,156</u>		<u>\$817,156</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Calculation of Revenues 1/
Twelve Months Ended December 31, 2019**

	Rate	Per Books at Current Rates		Normalized		Projected 2020		Projected 2021	
		Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue	Billing Units	Revenue
Large IT Transport - Rate 82									
Basic Service Charge									
@ Maximum Rate	\$1,500.00 per month	4	\$72,000	4	\$72,000	4	\$72,000	4	\$72,000
@ Maximum Rate 2/	1,500.00 per month	1	18,000	1	18,000	1	18,000	1	18,000
@ Contract Rate									
23799385198	1,500.00 per month	1	18,000	1	18,000	1	18,000	1	18,000
1330506282	1,500.00 per month	1	18,000	1	18,000	1	18,000	1	18,000
		<u>7</u>	<u>126,000</u>	<u>7</u>	<u>126,000</u>	<u>7</u>	<u>126,000</u>	<u>7</u>	<u>126,000</u>
Distribution Delivery Charge									
@ Maximum Rate	\$0.231 per dk	603,402	139,386	592,392	136,843	592,392	136,843	592,392	136,843
@ Maximum Rate 2/	0.231 per dk	181,797	41,995	181,797	41,995	181,797	41,995	181,797	41,995
@ Contract Rate									
23799385198	\$0.068 per dk	432,208	29,390	419,163	28,503	419,163	28,503	419,163	28,503
1330506282	0.200 per dk	3,588,242	717,648	3,548,567	709,713	3,548,567	709,713	3,548,567	709,713
		<u>4,805,649</u>	<u>928,419</u>	<u>4,741,919</u>	<u>917,054</u>	<u>4,741,919</u>	<u>917,054</u>	<u>4,741,919</u>	<u>917,054</u>
Total Revenue @ Max Rate			271,381		268,838		268,838		268,838
Total Revenue @ Contract Rate			783,038		774,216		774,216		774,216
Total Revenue			<u>\$1,054,419</u>		<u>\$1,043,054</u>		<u>\$1,043,054</u>		<u>\$1,043,054</u>

1/ Basic service charge and distribution rates effective with service rendered on and after December 1, 2018 Case No. PU-17-295 and projected cost of gas or propane rates.

2/ Customer bills tariffed Rate 82 charges at maximum rate per Dk, but shown separately as customer bills a monthly contracted demand charge for recovery of pipeline expansion project.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OTHER OPERATING REVENUE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books	Projected	
	2019	2020	2021
<u>Miscellaneous Service Revenue 1/</u>			
Reconnect Fees	\$48,660	\$48,660	\$48,660
NSF Check Fees	34,029	34,029	34,029
MAFB Dist. System	456,000	456,000	456,000
Other Misc. Service Revenue	2,769	2,769	2,769
Total	<u>\$541,458</u>	<u>\$541,458</u>	<u>\$541,458</u>
Rent from Property 2/	\$529,028	\$565,349	\$565,349
<u>Other Revenue</u>			
Heskett Pipeline Revenue 3/	\$2,274,906	\$1,847,730	\$1,847,730
Late Payment Revenue 4/	129,086	125,026	126,224
Penalty Revenue 5/	193,635	217,120	217,120
Other Revenue	188,232	174,183	174,183
	<u>\$2,785,859</u>	<u>\$2,364,059</u>	<u>\$2,365,257</u>
Total	<u><u>\$3,856,345</u></u>	<u><u>\$3,470,866</u></u>	<u><u>\$3,472,064</u></u>

- 1/ Projected 2020 and 2021 remain at 2019 level.
2/ Updated to reflect 2020 activity and remain flat for 2021.
3/ Updated to reflect the 2021 revenue requirement.
4/ Projected 2020-2021 based on a percentage of 2019 late payment revenue to 2019 sales and transportation revenue.
5/ Restates penalty revenue to a three-year average.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUMMARY OF OPERATION AND MAINTENANCE EXPENSES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected	
	2019	2020	2021
Cost of Gas	\$77,820,648	\$72,535,424	\$73,319,285
Other Gas Supply	334,284	351,572	363,936
Transmission	10,215	10,322	10,523
Distribution	10,261,369	10,298,708	10,575,591
Customer Accounting	2,584,082	2,698,815	2,773,671
Customer Service & Info.	260,399	261,913	269,021
Sales	180,699	145,544	149,928
Administrative & General	9,107,793	9,323,160	9,826,032
Total Operation & Maintenance	<u>\$100,559,489</u>	<u>\$95,625,458</u>	<u>\$97,287,987</u>

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OPERATION & MAINTENANCE EXPENSE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
ITEMS ADJUSTED INDIVIDUALLY**

Function	Per Books 2019	Cost of Gas	Labor	Benefits	Subcontract Labor	Materials	Vehicles & Work Equip.	Company Consumption
Cost of Gas	\$77,820,648	\$77,820,648						
Other Gas Supply	334,284		\$292,477				\$593	
Transmission	10,215		196		\$3,608	834	\$108	
Distribution	10,261,369		7,588,773		1,524,705	692,203	696,891	\$248,930
Customer Accounting	2,584,082		1,612,515		78,758	312	72,277	
Customer Service & Info.	260,399		170,279				7,394	
Sales	180,699		129,466		3,310		4,471	
Administrative and General	9,107,793		2,913,265	\$2,540,632	334,901	34,133	27,024	53,967
Total Other O&M	\$22,738,841	\$0	\$12,706,971	\$2,540,632	\$1,945,282	\$727,482	\$808,758	\$302,897
Total O&M	\$100,559,489	\$77,820,648	\$12,706,971	\$2,540,632	\$1,945,282	\$727,482	\$808,758	\$302,897

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MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
 OPERATION & MAINTENANCE EXPENSE
 GAS UTILITY - NORTH DAKOTA
 TWELVE MONTHS ENDING DECEMBER 31, 2019
 ITEMS ADJUSTED INDIVIDUALLY

Function	Uncollectible Accounts	Postage	Software Maintenance	Building Rental	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	Total Items Adjusted Individually	All Other O&M
Cost of Gas									\$77,820,648	\$0
Other Gas Supply			\$6,440						299,510	34,774
Transmission									4,746	5,469
Distribution	\$3,421	\$9,726	90,375	\$29,114					10,884,138	(622,769)
Customer Accounting	\$302,244	320,801	22,131	\$699					2,409,737	174,345
Customer Service & Info.					\$73,787				251,460	8,939
Sales		439		34	37,392				175,112	5,587
Administrative and General		53,096	521,399	535,478	55,679	\$114,675	\$846,612	\$125,441	8,156,302	951,491
Total Other O&M	\$305,665	\$384,062	\$640,345	\$565,325	\$166,858	\$114,675	\$846,612	\$125,441	\$22,181,005	\$557,836
Total O&M	\$305,665	\$384,062	\$640,345	\$565,325	\$166,858	\$114,675	\$846,612	\$125,441	\$100,001,653	\$557,836

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**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OPERATION & MAINTENANCE EXPENSE
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020**

Function	Total	Cost of Gas	Labor	Benefits	Subcontract Labor	Materials	Vehicles & Work Equip.	Company Consumption
Cost of Gas	\$72,535,424	\$72,535,424						
Other Gas Supply	351,572		\$297,529				\$579	
Transmission	10,322		199		\$3,608	\$834	\$106	
Distribution	10,298,708		7,719,849		1,533,261	696,311	680,021	\$198,625
Customer Accounting	2,698,815		1,640,367		78,758	312	70,527	
Customer Service & Info.	261,913		173,220				7,216	
Sales	145,544		131,702		3,310		4,364	
Administrative and General	9,323,160		2,963,585	\$2,760,940	334,901	34,133	26,369	42,313
Total Other O&M	\$23,090,034	\$0	\$12,926,451	\$2,760,940	\$1,953,838	\$731,590	\$789,182	\$240,938
Total O&M	\$95,625,458	\$72,535,424	\$12,926,451	\$2,760,940	\$1,953,838	\$731,590	\$789,182	\$240,938

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**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OPERATION & MAINTENANCE EXPENSE
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020**

Function	Uncollectible Accounts	Postage	Software Maintenance	Building Rental	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	All Other O&M
Cost of Gas									\$0
Other Gas Supply			\$18,015						35,449
Transmission									5,575
Distribution	\$4,325	\$9,726	62,326	\$29,114					(634,851)
Customer Accounting	\$382,119	318,755	29,551	\$699					177,727
Customer Service & Info.					\$72,365				9,112
Sales		439		34					5,695
Administrative and General		53,096	654,276	484,922	54,031	\$97,608	\$708,518	\$138,518	969,950
Total Other O&M	\$386,444	\$382,016	\$764,168	\$514,769	\$126,396	\$97,608	\$708,518	\$138,518	\$568,657
Total O&M	\$386,444	\$382,016	\$764,168	\$514,769	\$126,396	\$97,608	\$708,518	\$138,518	\$568,657

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**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OPERATION & MAINTENANCE EXPENSE
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021**

Function	Total	Cost of Gas	Labor	Benefits	Subcontract Labor	Materials	Vehicles & Work Equip.	Company Consumption
Cost of Gas	\$73,319,285	\$73,319,285						
Other Gas Supply	363,936		\$307,096				\$577	
Transmission	10,523		206		\$3,678	\$850	\$106	
Distribution	10,575,591		7,968,083		1,563,007	709,820	675,917	\$198,625
Customer Accounting	2,773,671		1,693,114		80,286	318	70,101	
Customer Service & Info.	269,021		178,790				7,173	
Sales	149,928		135,937		3,374		4,338	
Administrative and General	9,826,032		3,058,879	\$2,925,082	341,398	34,795	26,209	42,313
Total Other O&M	\$23,968,702	\$0	\$13,342,105	\$2,925,082	\$1,991,743	\$745,783	\$784,421	\$240,938
Total O&M	\$97,287,987	\$73,319,285	\$13,342,105	\$2,925,082	\$1,991,743	\$745,783	\$784,421	\$240,938

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**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OPERATION & MAINTENANCE EXPENSE
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021**

Function	Uncollectible Accounts	Postage	Software Maintenance	Building Rental	Advertising	Industry Dues	Insurance	Regulatory Commission Expense	All Other O&M
Cost of Gas									\$0
Other Gas Supply			\$20,126						36,137
Transmission									5,683
Distribution	\$4,366	\$9,726	63,535	\$29,679					(647,167)
Customer Accounting	\$385,779	326,166	36,019	\$713					181,175
Customer Service & Info.					\$73,769				9,289
Sales		439		35					5,805
Administrative and General		53,096	788,148	494,329	55,079	\$97,608	\$729,774	\$190,555	988,767
Total Other O&M	\$390,145	\$389,427	\$907,828	\$524,756	\$128,848	\$97,608	\$729,774	\$190,555	\$579,689
Total O&M	\$390,145	\$389,427	\$907,828	\$524,756	\$128,848	\$97,608	\$729,774	\$190,555	\$579,689

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MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
COST OF GAS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020 - 2021

	<u>DK Sales</u>	<u>Commodity Charge 1/</u>	<u>Projected Cost of Gas</u>
<u>Projected 2020</u>			
Residential	8,414,857	\$3.9840	\$33,524,790
Residential - Wahpeton	150,094	4.3408	651,528
Residential - Propane	16,951	3.9530	67,007
Firm General	7,917,917	\$3.9840	\$31,544,981
Firm General - Wahpeton	138,312	4.3408	600,385
Firm General - Propane	24,671	3.9530	97,525
Air Force - Firm	36,425	\$3.9840	\$145,117
Air Force - Interruptible MAF	369,780	2.6250	970,673
Air Force - Interruptible PAR	26,770	2.6370	70,592
Optional Seasonal	13,379	\$2.5020	\$33,474
Contracted Demand	272,890	2/	819,386
Small Interruptible	514,844	\$2.6370	\$1,357,644
Large Interruptible	0	2.6370	0
Interruptible - Wahpeton	792,211	3.3480	2,652,322
Total	<u>18,689,101</u>		<u>\$72,535,424</u>
<u>Projected 2021</u>			
Residential	8,450,493	\$3.9840	\$33,666,764
Residential - Wahpeton	152,038	4.3408	659,967
Residential - Propane	16,948	3.9530	66,995
Firm General	8,067,559	\$3.9840	\$32,141,155
Firm General - Wahpeton	141,162	4.3408	612,756
Firm General - Propane	24,655	3.9530	97,461
Air Force - Firm	36,425	\$3.9840	\$145,117
Air Force - Interruptible MAF	369,780	2.6250	970,673
Air Force - Interruptible PAR	26,770	2.6370	70,592
Optional Seasonal	13,379	\$2.5020	\$33,474
Contracted Demand	272,890	2/	844,365
Small Interruptible	514,844	\$2.6370	\$1,357,644
Large Interruptible	0	2.6370	0
Interruptible - Wahpeton	792,211	3.3480	2,652,322
Total	<u>18,879,154</u>		<u>\$73,319,285</u>

1/ July 2020 demand on projected 2021 cost of gas.

2/ Based on the commodity cost of gas at \$2.502/dk and a monthly Capacity Charge of \$10.62/dk. Contracted Demand dk's are 12,864 for 2020 and 15,216 for 2021.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
LABOR EXPENSE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected	
	2019	2020	2021
Other Gas Supply	\$292,477	\$297,529	\$307,096
Transmission	196	199	206
Distribution	7,588,773	7,719,849	7,968,083
Customer Accounts	1,612,515	1,640,367	1,693,114
Customer Service	170,279	173,220	178,790
Sales	129,466	131,702	135,937
A&G	2,913,265	2,963,585	3,058,879
Total Labor Expense	\$12,706,971	\$12,926,451	\$13,342,105

	Per Books	Projected	
	2019	2020	2021
5110 Straight Time 1/	\$10,137,852	\$10,505,856	\$10,853,600
5120 Premium Time 1/	677,794	702,398	725,647
5130 Bonuses & Comm. 2/	382,765	366,616	366,616
5131 Incentive Comp. 3/	1,375,848	1,214,136	1,254,324
5150 Meals	2,318	2,318	2,318
5193 Vacation 1/	130,394	135,127	139,600
	\$12,706,971	\$12,926,451	\$13,342,105

1/ Reflects a 3.63% and 3.31% increase for 2020 and 2021, respectively, based on the weighted average increases as shown below:

	Total Wages	% of Total	2020 % Increase	2020 Weighted Increase
Union Wages	\$35,078,558	37.04173%	3.00%	1.11%
Non-Union Wages	59,621,549	62.95827%	4.00%	2.52%
Total Wages Paid	\$94,700,107	100.00000%		3.63%

	2021 % Increase	2021 Weighted Increase
Union	3.00%	1.11%
Non-Union	3.50%	2.20%
		3.31%

2/ Adjusted to reflect ongoing stock compensation and miscellaneous bonuses.

3/ Reflects an average incentive level of 11.41% of straight time and vacation.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
BENEFITS EXPENSE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021**

	Per Books	Projected	
	2019	2020	2021
Medical/Dental 1/	\$1,479,058	\$1,612,173	\$1,733,086
Pension expense 2/	270,137	327,136	331,258
Post-retirement 3/	(366,284)	(378,115)	(378,720)
401 K 4/	1,115,043	1,155,519	1,193,767
Workers compensation 4/	16,528	17,128	17,695
Other benefits 4/	26,150	27,099	27,996
Total Benefits Expense	<u>\$2,540,632</u>	<u>\$2,760,940</u>	<u>\$2,925,082</u>

1/ Reflects an increase of 9.00% for 2020 based on effective 2020 premiums and 7.50% for 2021 based on projected medical premiums.

2/ Total Company pension expense based on the 2020 actuarial estimate.

	Per Books	Actuarial Estimate	
	2019	2020	2021
Bargaining	\$655,000	\$810,000	\$817,000
Non-Bargaining	724,000	860,000	874,000
Total	<u>\$1,379,000</u>	<u>\$1,670,000</u>	<u>\$1,691,000</u>

Increase 21.10% 1.26%

3/ Total Company post-retirement expense based on the 2020 actuarial estimate.

	Per Books	Actuarial Estimate	
	2019	2020	2021
Total	<u>(\$1,859,000)</u>	<u>(\$1,919,000)</u>	<u>(\$1,922,000)</u>

Increase 3.23% 0.16%

4/ Reflects the straight time labor increase of 3.63% for 2020 and 3.31% for 2021.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUBCONTRACT LABOR
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected	
	2019	2020	2021 2/
Transmission	\$3,608	\$3,608	\$3,678
Distribution	1,524,705	1,533,261 1/	1,563,007
Customer Accounts	78,758	78,758	80,286
Sales	3,310	3,310	3,374
A&G	334,901	334,901	341,398
Total Subcontract Labor	<u>\$1,945,282</u>	<u>\$1,953,838</u>	<u>\$1,991,743</u>

1/ Projected 2020 increased due to additional meter expense associated with the System Safety and Integrity Projects.

2/ Adjusted to reflect inflation of 1.94 percent based on an average of four indicies.

2021 Forecasted Inflation

	2021
Organ. for Economic Co-operation and Dev.	1.29%
International Monetary Fund	2.24%
PricewaterhouseCoopers	2.00%
Statista	2.24%
Average Projection	<u>1.94%</u>

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
MATERIALS
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021**

	Per Books	Projected	
	2019	2020	2021 2/
Transmission	\$834	\$834	\$850
Distribution	692,203	696,311 1/	709,820
Customer Accounts	312	312	318
A&G	34,133	34,133	34,795
Total Materials	<u>\$727,482</u>	<u>\$731,590</u>	<u>\$745,783</u>

1/ Adjusted to reflect increased estimated replacement projects in Bismarck and Dakota Heartland regions.

2/ Adjusted to reflect inflation of 1.94 percent.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
VEHICLES AND WORK EQUIPMENT
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021**

	Per Books	Projected 1/	
	2019	2020	2021
Other Gas Supply	\$593	\$579	\$577
Transmission	\$108	\$106	\$106
Distribution	696,891	680,021	675,917
Customer Accounts	72,277	70,527	70,101
Customer Service	7,394	7,216	7,173
Sales	4,471	4,364	4,338
A&G	27,024	26,369	26,209
Total Vehicle and Work Equipment	<u>\$808,758</u>	<u>\$789,182</u>	<u>\$784,421</u>

1/ Based on projected plant and current depreciation rates approved in PU-17-295.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
COMPANY CONSUMPTION
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021**

	Per Books	Projected	
	2019	2020	2021
<u>Total</u>			
Distribution	\$248,930	\$198,625	\$198,625
A&G	53,967	42,313	42,313
Total Company Consumption	<u>\$302,897</u>	<u>\$240,938</u>	<u>\$240,938</u>
	Per Books	Projected	
	2019	2020	2021
<u>Electric 1/</u>			
Distribution	\$72,641	\$56,448	\$56,448
A&G	41,173	31,995	31,995
Total Electric	<u>\$113,814</u>	<u>\$88,443</u>	<u>\$88,443</u>
	Per Books	Projected	
	2019	2020	2021
<u>Gas 2/</u>			
Distribution	\$176,289	\$142,177	\$142,177
A&G	12,794	10,318	10,318
Total Gas	<u>\$189,083</u>	<u>\$152,495</u>	<u>\$152,495</u>

1/ Reflects volumes at current rates.

2/ Reflects normalized volumes at current rates.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
UNCOLLECTIBLE ACCOUNTS
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected 1/	
	2019	2020	2021
Distribution	\$3,421	\$4,325	\$4,366
Customer Accounting	302,244	382,119	385,779
Total	<u>\$305,665</u>	<u>\$386,444</u>	<u>\$390,145</u>

1/ Based on three-year average ratio of write-offs applied to projected revenues.

	2020	2021
Total Pro Forma Sales Revenue	\$113,659,942	\$114,748,655
Three-Year Average Write-Offs	0.34%	0.34%
	<u>\$386,444</u>	<u>\$390,145</u>

	Net Write-Offs	Sales and Trans. Rev	%
Twelve months ending			
12/31/17	\$413,887	\$109,538,358	0.38%
12/31/18	443,421	117,196,410	0.38%
12/31/19	330,367	117,834,454	0.28%
Total	<u>\$1,187,675</u>	<u>\$344,569,222</u>	0.34%

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
POSTAGE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books	Projected	
	2019	2020 1/	2021 2/
Distribution	\$9,726	\$9,726	\$9,726
Customer Accounting	320,801	318,755	326,166
Sales	439	439	439
A&G	53,096	53,096	53,096
Total Postage	\$384,062	\$382,016	\$389,427

1/ Reflects an annualized year end 2019 electronic billing level, partially offset by a 1.57% postage increase.

2/ Adjusted to reflect inflation of 1.94 percent.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SOFTWARE MAINTENANCE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	Per Books	Projected	
	2019	2020 1/	2021 2/
Other Gas Supply	\$6,440	\$18,015	\$20,126
Distribution	90,375	62,326	63,535
Customer Accounting	22,131	29,551	36,019
A&G	521,399	654,276	788,148
Total Software Maintenance	\$640,345	\$764,168	\$907,828

1/ Projected 2020 based on current level.

2/ Projected 2021 based on projected levels.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
BUILDING RENTAL
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected	
	2019	2020	2021 2/
Distribution	\$29,114	\$29,114	\$29,679
Customer Accounts	699	699	713
Sales	34	34	35
A&G	535,478	484,922 1/	494,329
Total Building Rental	<u>\$565,325</u>	<u>\$514,769</u>	<u>\$524,756</u>

1/ Adjusted to reflect annualization through May 2020.

2/ Adjusted to reflect inflation of 1.94 percent.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
ADVERTISING
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

	Per Books	Projected	
	2019	2020 1/	2021 2/
Informational	\$73,787	\$72,365	\$73,769
Promotional	37,392	0	0
Institutional	55,679	54,031	55,079
Total Advertising	\$166,858	\$126,396	\$128,848

- 1/ Eliminates promotional advertising expense and advertising expenses not applicable to North Dakota gas operations.
2/ Adjusted to reflect inflation of 1.94 percent.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
INDUSTRY DUES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected	
	2019	2020	2021
American Collectors Association	\$116	\$116	\$116
American Gas Association	40,473	38,116	1/ 38,116
Bismarck-Mandan Chamber of Commerce	3,603	3,603	3,603
Bismarck-Mandan Home Builders Association	204	204	204
Bowman Area Chamber of Commerce	45	46	1/ 46
Bowman County Development Corporation	42	42	1/ 42
Carrington Chamber of Commerce	0	260	1/ 260
Cavalier Chamber of Commerce	165	165	165
Cavalier Retail Committee	0	250	1/ 250
Common Ground Alliance	326	547	1/ 547
Construction Plans	204	204	204
Crookston Area Chamber of Commerce	223	211	1/ 211
Devils Lake Chamber of Commerce	350	350	350
Dickinson Area Builders Association	139	139	139
Dickinson Area Builders Exchange	317	317	317
Downtown Bismarck Community Foundation	5,000	2,700	1/ 2,700
Downtown Business Association of Bismarck	162	162	162
Economic Development Association of North Dakota	340	500	1/ 500
Energy Solutions Center	3,305	3,246	1/ 3,246
Fergus Falls Area Chamber of Commerce	165	165	165
Forward Devils Lake Corporation	500	500	500
Grafton Area Chamber of Commerce	325	325	1/ 325
Hettinger Chamber of Commerce	42	42	1/ 42
Jamestown Area Chamber of Commerce	358	358	358
Jamestown Downtown Association	175	175	175
Langdon Chamber of Commerce	250	250	250
Max Civic Club	100	100	100
Midwest Region Gas Task Force	102	102	1/ 102
Minnesota Chamber of Commerce	62	62	62
Minot Area Chamber of Commerce	2,143	2,097	1/ 2,097
Minot Area Development Corporation	2,500	2,500	2,500
Minot Association of Builders	400	400	400
North Dakota EPA	500	500	500
National Energy and Utility Affordability Coalition	148	148	148
New England Lions Club	36	36	36
National Regulatory Research Institute	1,667	1,667	1,667
Pelican Rapids Chamber of Commerce	47	45	1/ 45
Pierre Area Chamber of Commerce	46	61	1/ 61
Quest Oracle Community	45	45	45
Ray Chamber of Commerce	35	35	35
Rotary Club of Devils Lake	275	275	1/ 275

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
INDUSTRY DUES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

	Per Books	Projected	
	2019	2020	2021
Rotary Club of Williston	175	175	175
Stanley Commercial Club	102	102	102
Stark Development Corporation	169	169	169
Theodore Roosevelt Express	270	270	270
Utilities Technology Council	1,875	1,875	1,875
Utility Shareholders of North Dakota	35,100	26,520	1/ 3/ 26,520
Utility Solid Waste Activities Group	1,489	1,489	1,489
Valley City Area Chamber of Commerce	510	510	510
Wahpeton & Breckenridge Chamber of Commerce	236	225	1/ 225
Washburn Civic Club	75	75	75
West Associates	173	173	173
Western Energy Association	3,721	3,721	3,721
Williston Area Chamber of Commerce	187	214	1/ 214
Williston Basin Chapter of API	0	674	1/ 674
Williston Economic Development	350	350	350
Dues less than \$25	40	0	0
Other	5,268	0	2/ 0 2/
Total Industry Dues	<u>\$114,675</u>	<u>\$97,608</u>	<u>\$97,608</u>

1/ Updated to reflect 2020 actuals.

2/ Not related to North Dakota gas operations.

3/ Annualized based on actuals through June 2020 and levelized for July-December 2020.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
INSURANCE EXPENSE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

Insurance Expense	Per Books	Projected	
	2019	2020 1/	2021 2/
Director's & Officer's Liability Insurance	\$49,386	\$51,499	\$53,044
General Liability			
Fiduciary Liability	10,981	10,629	10,948
Employment Liability	4,358	3,351	3,452
Excess Liability	357,383	346,113	356,496
Property - All Risk	230,478	209,546	215,832
Blanket Crime	2,774	2,684	2,765
Special Contingency	295	295	304
Self Insurance 3/	190,957	84,401	86,933
Total Insurance Expense	<u>\$846,612</u>	<u>\$708,518</u>	<u>\$729,774</u>

- 1/ Projected 2020 reflects insurance expense at the current levels as of January 2020.
2/ Projected 2021 reflects an increase of 3 percent.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
REGULATORY COMMISSION EXPENSE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021**

	Per Books	Projected	
	2019	2020	2021
Rate Case Amortization 1/	\$124,841	\$124,841	\$176,878
Recurring Level of Expense	600	5,345	5,345
Depreciation Study Expense 2/	0	8,332	8,332
Regulatory Commission Expense	<u>\$125,441</u>	<u>\$138,518</u>	<u>\$190,555</u>

1/ Reflects a three year amortization of rate case expense.

2/ Expenses related to the Common and Gas depreciation studies. Amortized over five years.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
OTHER O&M
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020 - 2021

<u>Function</u>	Per Books	Projected 1/	
	2019	2020	2021
Other Gas Supply	\$34,774	\$35,449	\$36,137
Transmission	\$5,469	\$5,575	\$5,683
Distribution	(622,769)	(634,851)	(647,167)
Customer Accounting	174,345	177,727	181,175
Customer Service & Information	8,939	9,112	9,289
Sales	5,587	5,695	5,805
Administrative and General	951,491	969,950	988,767
Total Other O&M	<u>\$557,836</u>	<u>\$568,657</u>	<u>\$579,689</u>

1/ Adjusted to reflect inflation of 1.94 percent.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUMMARY OF DEPRECIATION EXPENSE
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books	Projected 3/	
	2019	2020 1/	2021 2/
Transmission	\$40,324	\$42,401	\$42,401
Distribution	8,332,557	8,629,524	9,163,072
General	241,137	245,087	252,877
General Intangible	358,652	309,118	326,818
Common	360,896	455,225	513,578
Common Intangible	909,791	1,021,711	1,216,008
Amort. of Preferred Stock Cost	3,978	3,978	3,978
Amort. of Gain on Building	22,443	22,443	22,443
Acquisition Adjustment	2,821	2,821	2,821
Total	<u>\$10,272,599</u>	<u>\$10,732,308</u>	<u>\$11,543,996</u>

- 1/ Depreciation/amortization expense on 2020 average plant in service, Statement B, Schedule B-1 page 1.
- 2/ Depreciation/amortization expense on 2021 average plant in service, Statement B, Schedule B-1 page 1.
- 3/ Based on depreciation and amortization parameters approved in Case No. PU-17-295.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
COMPOSITE DEPRECIATION RATES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019

	Average Plant	Annual Depreciation	%
Transmission	<u>\$2,002,772</u>	<u>\$42,441</u>	2.12%
Distribution	\$237,161,771	\$8,149,910	3.44%
General			
Other	\$7,449,504	\$379,095	5.09%
Structures	3,334,380	80,692	2.42%
Computer Equipment	4,977	857	17.22%
Vehicles	4,423,108	320,676	7.25%
Work Equipment	508,745	6,258	1.23%
Total General	<u>\$15,720,714</u>	<u>\$787,578</u>	5.01%
Common			
Other	\$2,100,099	\$103,868	4.95%
Structures	10,737,625	91,270	0.85%
Computer Equipment	736,831	147,366	20.00%
Vehicles	2,274,031	126,197	5.55%
Total Common	<u>\$15,848,586</u>	<u>\$468,701</u>	2.96%
<u>Amortization 1/</u>			
General Intangible	\$6,315,197	\$358,652	
Common Intangible	14,523,753	909,791	
Amort. of Acquisition Adjustment	97,266	2,821	
Amort. of Gain on Building	0	0	
Total Plant	<u><u>\$291,670,059</u></u>	<u><u>\$10,719,894</u></u>	

1/ Amortized.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE DEPRECIATION EXPENSE ON PER BOOKS PLANT
GAS UTILITY - NORTH DAKOTA
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019

Acct. No.	Account	Per Books Average Plant	Annual Depreciation	
			Rate	Amount
<u>Transmission Plant</u>				
365.1	Land	\$1,391	0.00%	\$0
365.2	Land Rights	39,376	0.76%	299
367	Mains	1,525,448	2.05%	31,272
369	Measuring/Regulating Equipment	436,557	2.49%	10,870
	Total Transmission Plant	\$2,002,772		\$42,441
<u>Distribution Plant</u>				
374.1	Land 3/	\$952,446	0%	\$0
374.2	Land Rights 3/	\$491,346	1.37%	6,731
375	Structures & Improvements 3/	\$857,572	2.49%	21,354
376	Mains 3/	131,965,644	2.51%	3,312,338
378	Meas. & Reg. Equip.	1,900,247	2.40%	45,606
379	Meas.& Reg. Equip. 3/	\$7,445,173	2.50%	186,129
380	Services	52,460,903	6.33%	3,320,775
381	Meters	32,331,226	3.41%	1,102,495
383	Service Regulators	4,614,599	1.47%	67,835
385	Ind. Meas. & Reg. Station Equip.	2,020,913	3.03%	61,234
386.1	Misc. Property on Cust. Premise	1,680	0.00%	0 1/
386.2	CNG Refueling Stations	56,604	-19.37%	(10,964)
387.1	Cathodic Protection Equip.	1,620,735	1.66%	26,904
387.2	Other Distribution Equip.	442,683	2.14%	9,473
	Total Distribution Plant	\$237,161,771		\$8,149,910
<u>General Plant</u>				
389	Land & Land Rights	\$318,945	0.00%	\$0
390	Structures and Improvements	3,334,380	2.42%	80,692
391.1	Office Furniture & Equipment	101,520	3.89%	3,949
391.3	Personal Computers	4,977	17.22%	857
392.1	Trans. Equip., Non-Unitized	165,581	7.25%	12,005
392.2	Trans. Equip., Unitized	4,257,527	7.25%	308,671
393	Stores Equipment	8,568	2.71%	232
394.1	Miscellaneous Tools - Nonunitized	2,017,826	5.62%	113,402
395	Laboratory Equipment	164,800	2.06%	3,395
396.1	Work Equipment Trailers	508,745	1.23%	6,258
396.2	Power Operated Equip.	4,153,018	5.30%	220,110
397.1	Fixed Radio Comm. Equip.	485,035	6.26%	30,363
397.2	Mobile Radio Comm. Equip.	139,279	6.34%	8,830
397.3	General Tele. Comm. Equip.	25,263	8.67%	2,190
397.8	Network Equipment	4,754	0.00%	0
398	Miscellaneous Equipment	30,496	-11.07%	(3,376)
	Total General Plant	\$15,720,714		\$787,578

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AVERAGE DEPRECIATION EXPENSE ON PER BOOKS PLANT
GAS UTILITY - NORTH DAKOTA
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019

Acct. No.	Account	Per Books Average Plant	Annual Depreciation	
			Rate	Amount
	<u>Intangible Plant - General</u>			
301	Organization	\$544	2/	\$0
302	Franchises	6,784	2/	0
303	Intangible Plant - Misc 3/	6,307,869	2/	\$358,652
	Total Intangible Plant - General	\$6,315,197		\$358,652
	<u>Common Plant</u>			
389	Land & Land Rights	\$625,703	0.00%	\$0
390	Structures and Improvements	10,737,625	0.85%	91,270
391.1	Office Furniture & Equipment	416,889	6.67%	27,806
391.3	Personal Computers	421,645	20.00%	84,329
391.5	Other Computer Equipment	315,186	20.00%	63,037
392.1	Trans. Equip., Non-Unitized	459	0.00%	0
392.2	Trans. Equip., Unitized	1,330,350	6.65%	88,468
392.3	Aircraft Equipment	943,222	4.00%	37,729
393	Stores Equipment	14,617	3.33%	487
394.1	Miscellaneous Tools	128,764	5.56%	7,159
394.3	Vehicle Maint. Equip.	10,516	5.00%	526
394.4	Vehicle Refueling Equip.	1,980	5.00%	99
397.1	Fixed Radio Comm. Equip.	303,305	6.67%	20,230
397.2	Mobile Radio Comm. Equip.	180,702	6.67%	12,053
397.3	General Tele. Comm. Equip.	115,035	10.00%	11,504
397.5	Supervisory & Telemetry	2,807	6.67%	187
397.8	Network Equipment	58,853	20.00%	11,771
398	Miscellaneous Equipment	240,928	5.00%	12,046
	Total Common Plant	\$15,848,586		\$468,701
303	Intangible Plant - Common	\$14,523,753	2/	\$909,791
407.3	Amort. of Preferred Stock Cost		2/	
405.2	Amort. of Gain on Building		2/	
376	Acquisition Adjustment	\$97,266	2.90%	\$2,821
	Total Gas Plant in Service	\$291,670,059		\$10,719,894

1/ Fully depreciated.

2/ Amortization based on January 2020 amortization annualized.

3/ Excludes Gwinner Pipeline.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
ACCUMULATED RESERVE FOR DEPRECIATION
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020

	Per Books 2019	2020					2020 Average Balance
		Acc. Reserve for Depr.	Average Plant In Service 1/	Depreciation/ Amortization Rate 2/	Depreciation/ Amortization Expense	Retirements/ Removal 3/	
Transmission	\$531,161	\$2,000,051	2.12%	\$42,401	\$0	\$573,562	\$552,362
Distribution	\$94,471,236	\$250,858,267	3.44%	\$8,629,524	(\$1,194,966)	\$101,905,794	\$98,188,515
<u>General</u>							
Other	\$443,310	\$3,349,428	5.09%	\$170,486	(\$426,210)	\$187,586	\$315,448
Structures & Improvements	890,634	3,068,987	2.42%	74,269	(413,041)	551,862	721,248
Computer Equipment	1,421	1,930	17.22%	332	(177)	1,576	1,499
Vehicles	1,251,423	4,412,858	7.25%	319,932	(570,568)	1,000,787	1,126,105
Work Equipment	199,608	4,406,301	1.23%	54,198	(572,557)	(318,751)	(59,572)
Total General	\$2,786,396	\$15,239,504		\$619,217	(\$1,982,553)	\$1,423,060	\$2,104,728
General Intangible	\$1,913,674	\$6,559,044	4/	\$309,118	\$0	\$2,222,792	\$2,068,233
<u>Common</u>							
Other	\$733,023	\$3,206,897	4.95%	\$158,741	(\$81,227)	\$810,537	\$771,780
Structures & Improvements	3,401,880	11,741,492	0.85%	99,803	(286,185)	3,215,498	3,308,689
Computer Equipment	338,474	983,403	20.00%	196,681	(21,772)	513,383	425,929
Vehicles	932,096	1,532,135	5.55%	85,033	(37,839)	979,290	955,693
Total Common	\$5,405,473	\$17,463,927		\$540,258	(\$427,023)	\$5,518,708	\$5,462,091
Common Intangible	\$7,878,175	\$15,856,552	4/	\$1,021,711	\$0	\$8,899,886	\$8,389,031
Acquisition Adjustment	74,951	97,266	5/	2,821	0	77,772	76,362
Total Gas Plant in Service	\$113,061,066	\$308,074,611		\$11,165,050	(\$3,604,542)	\$120,621,574	\$116,841,322
Depreciation/Amortization Expense				\$10,705,887	8/		
Amort. of Preferred Stock Cost			5/	\$3,978		6/	6/
Amort. of Gain on Building			5/	22,443		7/	7/
Total Depreciation/Amortization Expense				\$10,732,308			

1/ Statement B, page 1.
2/ Composite depreciation rates by function, Statement H, Schedule H-1, page 2-3.
3/ Based on the three-year average of retirements.
4/ Amortized by each item within the intangible account.
5/ Amortized.
6/ The balance is included in the unamortized redemption of preferred stock on Statement D, Page 1.
7/ The balance is included in the (gain)loss on sale of buildings on Statement D, Page 1.
8/ Excludes depreciation on vehicles and work equipment, which are charged to a clearing account.
9/ Excludes Gwinner Pipeline.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
ACCUMULATED RESERVE FOR DEPRECIATION
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021

	2020		2021				2021 Average Balance
	Year-end Acc. Reserve for Depr.	Average Plant In Service 1/	Depreciation/ Amortization Rate 2/	Depreciation/ Amortization Expense	Retirements/ Removal 3/	Ending Balance	
Transmission	\$573,562	\$2,000,051	2.12%	\$42,401	\$0	\$615,963	\$594,763
Distribution	\$101,905,794	\$266,368,360	3.44%	\$9,163,072	(\$1,263,445)	\$109,805,421	\$105,855,608
<u>General</u>							
Other	\$187,586	\$3,661,053	5.09%	\$186,348	(\$418,516)	(\$44,582)	\$71,502
Structures & Improvements	551,862	2,725,449	2.42%	65,956	(360,957)	256,861	404,362
Computer Equipment	1,576	3,326	17.22%	573	(310)	1,839	1,708
Vehicles	1,000,787	4,301,063	7.25%	311,827	(542,355)	770,259	885,523
Work Equipment	(318,751)	4,112,048	1.23%	50,578	(538,712)	(806,885)	(562,818)
Total General	\$1,423,060	\$14,802,939		\$615,282	(\$1,860,850)	\$177,492	\$800,277
General Intangible	\$2,222,792	\$6,706,827	4/	\$326,818	\$0	\$2,549,610	\$2,386,201
<u>Common</u>							
Other	\$810,537	\$3,491,896	4.95%	\$172,849	(\$84,890)	\$898,496	\$854,517
Structures & Improvements	3,215,498	12,444,697	0.85%	105,780	(322,025)	2,999,253	3,107,376
Computer Equipment	513,383	1,174,743	20.00%	234,949	(29,169)	719,163	616,273
Vehicles	979,290	1,698,681	5.55%	94,277	(41,526)	1,032,041	1,005,666
Total Common	\$5,518,708	\$18,810,017		\$607,855	(\$477,610)	\$5,648,953	\$5,583,832
Common Intangible	\$8,899,886	\$17,143,281	4/	\$1,216,008	\$0	\$10,115,894	\$9,507,890
Acquisition Adjustment	77,772	97,266	5/	2,821	0	80,593	79,183
Total Gas Plant in Service	\$120,621,574	\$325,928,741		\$11,974,257	(\$3,601,905)	\$128,993,926	\$124,807,754
Depreciation/Amortization Expense				\$11,517,575	8/		
Amort. of Preferred Stock Cost			5/	\$3,978		6/	6/
Amort. of Gain on Building			5/	22,443		7/	7/
Total Depreciation/Amortization Expense				\$11,543,996			

1/ Statement B, page 1.
2/ Composite depreciation rates by function, Statement H, Schedule H-1, page 2-3.
3/ Based on the three-year average of retirements.
4/ Amortized by each item within the intangible account.
5/ Amortized.
6/ The balance is included in the unamortized redemption of preferred stock on Statement D, Page 1.
7/ The balance is included in the (gain)loss on sale of buildings on Statement D, Page 1.
8/ Excludes depreciation on vehicles and work equipment, which are charged to a clearing account.
9/ Excludes Gwinner Pipeline.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CALCULATION OF INTANGIBLE AMORTIZATION
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020-2021**

	<u>Total Plant</u>	<u>Amortization</u>
General Intangible - Pre 2020	\$6,444,570	\$302,760
2020 General Intangible Additions	<u>228,948</u>	<u>6,358</u>
2020 General Intangible Balance	\$6,673,518	\$309,118
2021 General Intangible Additions	66,618	4,984
2021 Amortization on 2020 Additions		<u>12,716</u>
2021 General Intangible Balance	<u>\$6,740,136</u>	<u>\$326,818</u>
Common Intangible - Pre 2020	\$15,171,417	\$952,248
2020 Common Intangible Additions	<u>1,370,270</u>	<u>69,463</u>
2020 Common Intangible Balance	\$16,541,687	\$1,021,711
2021 Common Intangible Additions	1,203,187	55,372
2021 Amortization on 2020 Additions		<u>138,925</u>
2021 Common Intangible Balance	<u>\$17,744,874</u>	<u>\$1,216,008</u>

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CALCULATION OF INTANGIBLE AMORTIZATION
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020-2021**

	<u>Amount</u>	<u>Expected Life</u>	<u>Amortization</u>	<u>Average</u>
<u>2020</u>				
<u>General Intangible</u>				
FP-316359 SCADA System Enhancements	\$35,020	7	\$5,003	
FP-316450 PCAD Annual Enhancements	24,307	7	3,472	
FP-316985 Build Belfield TBS	78,865	40	1,972	
FP-317008 Install RTU - New Rockford	90,756	40	2,269	
Total General Intangible	<u>\$228,948</u>		<u>\$12,716</u>	\$6,358
<u>Common Intangible</u>				
FP-100550 MAXIMO	\$950,477	12	\$79,206	
FP-100575 Customer Self Service Web/IVR	23,162	7	3,309	
FP-200714 GIS Enhancements	41,066	7	5,867	
FP-301563 GIS Data Conversion	139	12	12	
FP-315864 ThoughtSpot Implementation	1,593	7	228	
FP-316104 GIS Pipeline Inspection System	22,794	7	3,256	
FP-316178 CC&B Upgrade	285,676	7	40,811	
FP-317093 PowerPlan Upgrade	421	5	84	
FP-317095 JDEdwards migration to Oracle DB	18,134	12	1,511	
FP-318407 Upgrade FDM Software	10,447	7	1,492	
FP-318890 GIS Offline Mobile Maps Implementation	7,788	5	1,558	
FP-319008 Large Volume Customer Website	1,742	5	348	
FP-319162 NICE CSC Software Implementation	1,224	10	122	
FP-319224 Risk Mgmt Software Installation	405	5	81	
FP-319244 Itron Field Collection Services	5,202	5	1,040	
Total Common Intangible	<u>\$1,370,270</u>		<u>\$138,925</u>	\$69,463
<u>2021</u>				
<u>General Intangible</u>				
FP-316450 PCAD Annual Enhancements	\$58,741	7	\$8,392	
FP-318453 Autosol Metretek SCADA	7,877	5	1,575	
Total Common Intangible	<u>\$66,618</u>		<u>\$9,967</u>	\$4,984
<u>Common Intangible</u>				
FP-100550 MAXIMO	\$1,046,335	12	\$87,195	
FP-316021 GIS System Upgrade	136,873	7	19,553	
FP-318360 Purchase Sierra AirLink Manager	11,538	5	2,308	
FP-318844 Dashboard Implementation for CSC	8,441	5	1,688	
Total Common Intangible	<u>\$1,203,187</u>		<u>\$110,744</u>	\$55,372
General Intangible				
4042 - General Amortization: Jan 2020	\$25,230			
Annualized Amortization	302,760			
Common Intangible				
4040 - Common Amortization: Jan 2020	\$79,354			
Annualized Amortization	952,248			

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
SUMMARY OF TAXES OTHER THAN INCOME
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019
PROJECTED 2020 - 2021

Type of Tax	Per Books	Projected	
	2019	2020	2021
Ad Valorem 1/			
Distribution	\$1,356,291	\$1,368,432	\$1,453,039
Transmission	13,483	13,464	13,464
General	79,246	76,822	74,622
General Intangible	42,963	31,916	32,635
Common	50,732	55,902	60,211
Common Intangible	58,163	63,505	68,659
Total Ad Valorem Taxes	<u>1,600,878</u>	<u>1,610,041</u>	<u>1,702,630</u>
O&M Related Taxes - Other			
Payroll Taxes 2/	933,696	950,094	980,645
Franchise Taxes	12,878	12,878	12,878
Delaware Franchise	13,302	13,302	13,302
Total O&M Related Taxes	<u>959,876</u>	<u>976,274</u>	<u>1,006,825</u>
Other	<u>1,264</u>	<u>1,264</u>	<u>1,264</u>
Total Taxes Other Than Income	<u><u>\$2,562,018</u></u>	<u><u>\$2,587,579</u></u>	<u><u>\$2,710,719</u></u>

1/ Based on ratio of actual 2019 ad valorem taxes paid to average plant balance as of December 31, 2019. See Statement I, Schedule I-1, Page 1.

2/ Based on the ratio of actual 2019 payroll taxes to labor expense See Statement I, Schedule I-1, Page 2.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
AD VALOREM TAXES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019
PROJECTED 2020 - 2021

Function	Effective Tax Rate	Projected 2020		Projected 2021	
		Avg. Plant Balance 1/	Ad Valorem Tax	Avg. Plant Balance 1/	Ad Valorem Tax
Transmission	0.6732%	\$2,000,051	\$13,464	\$2,000,051	\$13,464
Distribution	0.5455%	250,858,267	1,368,432	266,368,360	1,453,039
General	0.5041%	15,239,503	76,822	14,802,938	74,622
General Intangible	0.4866%	6,559,044	31,916	6,706,827	32,635
Common	0.3201%	17,463,928	55,902	18,810,018	60,211
Common Intangible	0.4005%	15,856,552	63,505	17,143,281	68,659
Acquisition Adjustment		97,266		97,266	
Total		<u>\$308,074,611</u>	<u>\$1,610,041</u>	<u>\$325,928,741</u>	<u>\$1,702,630</u>

Function	Avg. Plant Balance @ 12/31/2019	Ad Valorem Tax @ 12/31/2019	Effective Tax Rate
Transmission	\$2,002,773	\$13,483	0.6732%
Distribution	248,635,410	1,356,291	0.5455%
General	15,720,718	79,246	0.5041%
General Intangible	8,828,435	42,963	0.4866%
Common	15,848,591	50,732	0.3201%
Common Intangible	14,523,754	58,163	0.4005%
Acquisition Adjustment	97,266		
Total	<u>\$305,656,947</u>	<u>\$1,600,878</u>	

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
PAYROLL TAXES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019
PROJECTED 2020 - 2021**

	Per Books	Projected	
	2019	2020	2021
Labor Expense 1/	\$12,706,971	\$12,926,451	\$13,342,105
Payroll Taxes	\$933,696	\$950,094	\$980,645
% Payroll Taxes to Labor	7.35%		

1/ Statement G, Schedule G-1, Page 8.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CALCULATION OF INCOME TAXES
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020 - 2021

	Projected	
	2020	2021
Operating Revenues		
Sales Revenues	\$111,428,871	\$112,506,332
Transportation Revenue	2,231,071	2,242,323
Other Revenues	3,470,866	3,472,064
Total Operating Revenues	\$117,130,808	\$118,220,719
Operating Expenses		
Operation and Maintenance		
Cost of Gas	\$72,535,424	\$73,319,285
Other O&M	23,090,034	23,968,702
Total O&M	95,625,458	97,287,987
Depreciation and Amortization Expense	10,732,308	11,543,996
Taxes other Than Income	2,587,579	2,710,719
Total Operating Expenses	\$108,945,345	\$111,542,702
Gross Operating Income	\$8,185,463	\$6,678,017
Adjustments to Taxable Income:		
AFUDC Equity Add Back	\$63,246	\$63,246
Permanent Additions	(105,807)	(105,807)
Interest 1/	(3,766,395)	(4,012,784)
Total Adjustments to Taxable Income	(\$3,808,956)	(\$4,055,345)
Taxable Income	\$4,376,507	\$2,622,672
Federal & State Income Taxes	\$1,068,082	\$640,060
Full Normalization	(102,409)	(82,789)
Non Plant Excess Deferrals 2/	(377,151)	0
Non Plant Excess Deferrals - Rate Base 2/	594,137	0
Plant Related Excess Deferred - ARAM	(530,489)	(584,518)
Total Income Taxes	\$652,170	(\$27,247)

1/ Statement J, Schedule J-1, Page 1.

2/ Three year amortization - 2018 - 2020.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
INTEREST EXPENSE
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020 - 2021

	Projected	
	2020	2021
Rate Base 1/	\$168,217,732	\$184,665,625
Weighted Cost of Debt 2/	2.239%	2.173%
Interest Expense	<u>\$3,766,395</u>	<u>\$4,012,784</u>

1/ Statement A, Page 3.

2/ Statement E, Page 1.

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
ACCUMULATED DEFERRED INCOME TAXES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021

	Per Books 2019	Projected 2020		Projected 2021		
		Changes	Balance	Changes	Balance	Average
<u>Accumulated Deferred Income Taxes</u>						
Liberalized Depreciation	\$20,462,336	\$140,435 1/	\$20,602,771	\$77,030 1/	\$20,679,801	20,641,286
Excess Plant Deferred Income Taxes	8,017,578	(530,489)	7,487,089	(584,518)	6,902,571	7,194,830
Full Normalization	185,198	(102,409)	82,789	(82,789)	0	41,395
Excess Deferrals - Non-Plant	(594,137)	594,137	0	0	0	0
Contribution in Aid of Construction	(2,314,518)	0	(2,314,518)	0	(2,314,518)	(2,314,518)
Customer Advances	(2,031,389)	38,720	(1,992,669)	0	(1,992,669)	(1,992,669)
Unamortized (Gain)/Loss on Debt	97,084	(13,436) 2/	83,648	(13,436) 2/	70,212	76,930
Gain/Loss on Sale of Building	87,103	(5,477) 3/	81,626	(5,477) 3/	76,149	78,887
Acquisition Adjustment	8,697	(688)	8,009	(688)	7,321	7,665
Provision for Pensions & Benefits	0	4,171,958	4,171,958	268,408	4,440,366	4,306,162
Provision for Post Retirements	0	132,330	132,330	0	132,330	132,330
Balance	\$23,917,952	\$4,425,081	\$28,343,033	(\$341,470)	\$28,001,563	\$28,172,298

- 1/ Statement J, Schedule J-2, Page 2.
- 2/ Statement D, Schedule D-1, Page 6.
- 3/ Statement D, Schedule D-1, Page 8.

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
LIBERALIZED DEPRECIATION
GAS UTILITY - NORTH DAKOTA
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019
PROJECTED 2020-2021**

Month	Weighting For Projection	Monthly Increments	Balance/ Increments	Balance
December 2019	100.00%			\$20,462,336
January 2020	91.80%	\$25,320	\$23,244	20,485,580
February	83.88%	25,320	21,238	20,506,818
March	75.41%	25,320	19,094	20,525,912
April	67.21%	25,320	17,018	20,542,930
May	58.74%	25,320	14,873	20,557,803
June	50.55%	25,320	12,799	20,570,602
July	42.08%	25,320	10,655	20,581,257
August	33.61%	25,320	8,510	20,589,767
September	25.41%	25,320	6,434	20,596,201
October	16.94%	25,320	4,289	20,600,490
November	8.74%	25,320	2,213	20,602,703
December	0.27%	25,321	68	20,602,771
Total		\$303,841	\$140,435	
December 2020	100.00%			\$20,602,771
January 2021	91.53%	\$13,895	12,718	20,615,489
February	83.88%	13,895	11,655	20,627,144
March	75.41%	13,895	10,478	20,637,622
April	67.21%	13,895	9,339	20,646,961
May	58.74%	13,895	8,162	20,655,123
June	50.55%	13,895	7,024	20,662,147
July	42.08%	13,895	5,847	20,667,994
August	33.61%	13,895	4,670	20,672,664
September	25.41%	13,895	3,531	20,676,195
October	16.94%	13,895	2,354	20,678,549
November	8.74%	13,895	1,214	20,679,763
December	0.27%	13,893	38	20,679,801
Total		\$166,738	\$77,030	
		<u>Projected</u>		
		<u>2020</u>	<u>2021</u>	
Prior year December ADIT balance		\$20,462,336	\$20,602,771	
Projected additions 1/		303,841	166,738	
Projected ADIT		\$20,766,177	\$20,769,509	
Change in DITs		303,841	166,738	
Monthly Increment		<u>\$25,320</u>	<u>\$13,895</u>	

**MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CHANGES IN ACCUMULATED DEFERRED INCOME TAXES
RELATED TO PLANT IN SERVICE
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020-2021**

	Projected	
	<u>2020</u>	<u>2021</u>
Plant related tax deductions		
Book depreciation 1/	(\$11,165,050)	(\$11,974,257)
Tax Depreciation 2/	<u>12,410,052</u>	<u>12,657,474</u>
Total tax deductions	\$1,245,002	\$683,217
Change in ADIT @ 24.4049%	<u>\$303,841</u>	<u>\$166,738</u>

1/ Statement H, Schedule H-2, Page 1 & 2

2/ 2020 and 2021 Depreciation (See Statement J, Schedule J-2, Page 4-5):

	2020 Total	2020 Depr. on Pre-2020 Plant	2020 Activity	
Tax Depreciation	<u>\$12,410,052</u>	<u>\$11,256,998</u>	<u>\$1,153,054</u>	
Book Depreciation	<u>11,165,050</u>	<u>10,832,035</u>	<u>333,015</u>	
	\$1,245,002	\$424,963	\$820,039	
	2021 Total	2021 Depr. on Pre-2020 Plant	Activity 2021	
Tax Depreciation	<u>\$12,657,474</u>	<u>\$9,343,001</u>	<u>\$1,967,422</u>	<u>\$1,347,051</u>
Book Depreciation	<u>11,974,257</u>	<u>10,909,782</u>	<u>666,026</u>	<u>398,449</u>
	\$683,217	(\$1,566,781)	\$1,301,396	\$948,602

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
TAX DEPRECIATION ON PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2020

	2020 Plant Additions	Annual Book Depreciation	Book Depr. 1/ for Taxes	Tax 2/ Depreciation	Book/Tax Difference	Deferred Income Taxes	Year 2		Book/Tax Difference
							Book Depr.	Tax Depr.	
Distribution	\$15,170,405	\$521,862	\$260,931	\$568,890	\$307,959	\$75,157	\$521,862	\$1,095,152	\$573,290
General									
Other	\$365,194	\$18,588	\$9,294	\$52,186	\$42,892	\$10,468	\$18,588	\$89,436	\$70,848
Structures & Improvement	0	0	0	0	\$0	0	0	0	0
Computer Equip.	1,235	213							
Vehicles	346,833	25,145	12,573	69,367	\$56,794	13,861	25,145	8,893	(16,252)
Work Eqpt.	304,164	3,741	1,871	43,465	\$41,594	10,151	3,741	7,799	4,058
Total General	\$1,017,426	\$47,687	\$23,738	\$165,018	\$141,280	\$34,480	\$47,474	\$106,128	\$58,654
Intangible General	\$228,948	\$0	\$0	\$38,166	\$38,166	\$9,314	\$0	\$56,069	\$56,069
Common									
Other	\$222,646	\$11,021	\$5,511	\$31,816	\$26,305	\$6,420	\$11,021	\$54,526	\$43,505
Structures & Improvement	1,669,979	14,195	7,098	23,229	\$16,131	3,937	14,195	42,818	28,623
Computer Equip.	307,371	61,474	30,737	61,474	\$30,737	7,501	61,474	98,359	36,885
Vehicles	180,184	10,000	5,000	36,037	\$31,037	7,575	10,000	57,659	47,659
Total Common	\$2,380,180	\$96,690	\$48,346	\$152,556	\$104,210	\$25,433	\$96,690	\$253,362	\$156,672
Intangible Common	\$1,370,270	\$0	\$0	\$228,424	\$228,424	\$55,747	\$0	\$456,711	\$456,711
Total Additions	\$20,167,229	\$666,239	\$333,015	\$1,153,054	\$820,039	\$200,131	\$666,026	\$1,967,422	\$1,301,396

1/ Annual Book depreciation divided by 2 to reflect half-year convention.

2/ Tax depreciation rates are:

	Year 1	Year 2
Distribution	3.750%	7.219%
General & Common	14.290%	24.490%
Structures & Improvements	1.391%	2.564%
Transportation & Computer	20.000%	32.000%
Intangible	16.670%	33.330%

3/ Statement J, Schedule J-2, Page 3

Tax Rate 24.4049%

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
TAX DEPRECIATION ON PLANT ADDITIONS
GAS UTILITY - NORTH DAKOTA
PROJECTED 2021

	2021 Plant Additions	Annual Book Depreciation	Book Depr. 1/ for Taxes	Tax 2/ Depreciation	Book/Tax Difference	Deferred Income Taxes
Distribution	\$18,308,192	\$629,802	\$314,901	\$686,557	\$371,656	\$90,702
General						
Other	\$1,102,782	\$56,132	\$28,066	\$157,588	\$129,522	\$31,610
Structures & Improvement	86,923	2,104	1,052	1,209	157	38
Computer Equip.	2,043	352	176	409	233	57
Vehicles	542,500	39,331	19,666	108,500	88,834	21,680
Work Eqpt.	218,600	2,689	1,344	31,238	29,894	7,296
Total General	\$1,952,848	\$100,608	\$50,304	\$298,944	\$248,640	\$60,681
Intangible General	\$66,618	\$0	\$0	\$11,105	\$11,105	\$2,710
Common						
Other	\$513,470	\$25,417	\$12,709	\$73,375	\$60,666	\$14,805
Structures & Improvement	344,640	2,929	1,465	4,794	3,329	812
Computer Equip.	126,251	25,250	12,625	25,250	12,625	3,081
Vehicles	232,274	12,891	6,445	46,455	40,010	9,764
Total Common	\$1,216,635	\$66,487	\$33,244	\$149,874	\$116,630	\$28,462
Intangible Common	\$1,203,187	\$0	\$0	\$200,571	\$200,571	\$48,949
Total Additions	\$22,747,480	\$796,897	\$398,449	\$1,347,051	\$948,602	\$231,504

1/ Annual Book depreciation divided by 2 to reflect half-year convention.

2/ Tax depreciation rates are:

Distribution	3.750%
General & Common	14.290%
Structures & Improvements	1.391%
Transportation & Computer	20.000%
Intangible	16.670%

3/ Statement J, Schedule J-2, Page 3

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
CALCULATION OF RECORDED STATE AND FEDERAL INCOME TAXES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019

	<u>North Dakota</u>
Operating Revenues	\$123,604,320
Operating Expense:	
O&M Expense	100,559,489
Depreciation Expense	10,272,599
Taxes Other than Income	2,562,018
Total Operating Expense	<u>113,394,106</u>
Operating Income	10,210,214
Interest Expense	3,810,888
Book Taxable Income before Adjustments	6,399,326
Deductions and Adjustments to Book Income:	
Tax Deductions	9,217,287
Total Deductions and Adjustments	<u>9,217,287</u>
Taxable Income - Before State Income Tax	(2,817,961)
Less: State Income Taxes	(244,465)
Other Closing/Filing Adjustment	0
Federal Taxable Income	<u>(2,573,496)</u>
Federal Income Taxes @ 21%	(540,434)
Credits and Adjustments	(41,109)
State Income Taxes	(244,465)
Federal and State Income Taxes	<u>(826,008)</u>
Closing/Filing - Federal and State	<u>(406,586)</u>
Total Federal and State Income Taxes	<u><u>(\$1,232,594)</u></u>

**MONTANA-DAKOTA UTILITIES CO. &
GREAT PLAINS NATURAL GAS CO.
INCOME TAX DEDUCTIONS
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019**

	North Dakota
<u>Timing Deductions & Adjustments</u>	
Bad Debt Expense	\$3,678
Bonus & 401k Profit Sharing	(1,092,854)
Customer Advances	3,905,848
AFUDC - Debt/Capitalized Interest	37,941
Property Related Timing Differences	1,316,757
Reserved Revenues	714,079
Property Insurance	(11,937)
Vacation Pay	(169,623)
Prepaid Demand Charge	903,850
Prepaid Expenses	9,937
Purchased Gas Adjustment	(139,071)
Sundry Reserves	68,075
Management Incentive	15,586
Performance Share Program	70,791
PCB Related Income	11,431
Unamortized Loss on Reacquired Debt	(61,094)
Preferred Stock Redemption	(3,978)
Regulatory Commission Expense	(126,542)
Deferred Pension Expense	3,362,139
Deferred Postretirement Benefit Costs	496,090
Deferred Medicare Part D	35,402
Gain/Loss on Sale of Building	(22,443)
Contracted Demand	(144,726)
<u>Permanent Deductions & Adjustments</u>	
AFUDC CWIP	(\$4,609)
AFUDC Equity	(63,246)
Dividend Received Deduction	7,170
50% Meals and Entertainment	(42,104)
100% Entertainment	(153)
Qualified Transportation Fringe - Parking	(26,040)
Fuel Tax Credit	(2,791)
Performance Share Program	170,732
Accrued Tax Interest	(1,008)
Total M-1 Deductions	\$9,217,287

MONTANA-DAKOTA UTILITIES CO. & GREAT PLAINS NATURAL GAS CO.
DEFERRED INCOME TAXES
GAS UTILITY - NORTH DAKOTA
TWELVE MONTHS ENDED DECEMBER 31, 2019

	<u>North Dakota</u>
<u>Timing Deductions & Adjustments</u>	
Bad Debt Expense	\$898
Bonus & 401k Profit Sharing	(295,206)
Customer Advances	953,218
AFUDC - Debt/Capitalized Interest	9,077
Property Timing Differences	321,353
Reserved Revenues	174,270
Property Insurance	(3,107)
Vacation Pay	(41,018)
Prepaid Demand Charge	220,584
Prepaid Expenses	2,684
Purchased Gas Adjustment	(33,940)
Sundry Reserves	17,721
Management Incentive	4,210
Performance Share Program	20,969
PCB Related Income	2,941
Unamortized Loss on Reacquired Debt	(15,492)
Preferred Stock Redemption	(971)
Regulatory Commission Expense	(30,882)
Deferred Pension Expense	905,114
Deferred Postretirement Benefit Costs	131,427
Deferred Medicare Part D	9,563
Gain/Loss on Sale of Building	(5,477)
Contracted Demand	(35,320)
 <u>Gas Utility - Amortization of Excess ADITs</u>	
TCJA Excess Plant Related - ARAM	(565,501)
TCJA Excess Nonplant - Other - 3 Year (Not in RB)	(373,832)
TCJA Excess Nonplant - Rate Base - 3 Year	594,137
South Georgia Normalization	(102,409)
 <u>Gas Utility - Other Deferred Income Tax Adjustments</u>	
Closing/Filing and Out of Period	372,506
 Total Deferred Income Taxes	 \$2,237,517

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Embedded Class Cost of Service Study
Cost of Service by Component
Projected 2021

	Residential			Total Residential	
	Total North Dakota	Demand	Energy		Customer
Projected Rate Base	184,665,625	39,480,353	14,802	77,000,421	116,495,576
Operating Income for Proposed Return	13,487,977	2,883,645	1,081	5,624,110	8,508,836
Projected Operating Income	6,705,264	(3,457,589)	(166,473)	5,782,442	2,158,380
Increase in Operating Income	6,782,713	6,341,234	167,554	(158,332)	6,350,456
Related Taxes for Increase					
Federal Income	2,189,711	2,047,185	54,093	(51,115)	2,050,163
Total Increase in Revenue	8,972,424	8,388,419	221,647	(209,447)	8,400,619
Projected Revenue Before Increase	118,220,719	17,468,191	17,768,926	25,338,414	60,575,531
Total Cost of Service Required from Rates:	124,177,079	25,015,898	17,987,894	24,115,231	67,119,023
Less Projected Cost of Gas	73,319,285	16,627,479	17,766,247	0	34,393,726
Net Distribution Cost of Service	50,857,794	8,388,419	221,647	24,115,231	32,725,297
Return on Rate Base Before Increase	3.631%				1.853%
Projected Billing Units	115,014			98,125	
Bills	1,380,168			1,177,500	
Dk	25,761,347	8,619,479	8,619,479		
Unit Cost of Service					
Energy cost per Dk			\$0.03		
Demand cost per Dk		\$0.970			\$20.48
Customer Cost Per Month					\$27.60
Cust and Demand cost per month					

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Embedded Class Cost of Service Study
Cost of Service by Component
Projected 2021

	Small Firm General			Total Small Firm			Large Firm General			Total Large Firm
	Demand	Energy	Customer	General	Demand	Energy	Customer	General	General	
Projected Rate Base	10,409,362	9,548	9,880,952	20,299,862	24,988,984	10,848	10,536,372	35,536,204		
Operating Income for Proposed Return	760,300	697	721,705	1,482,702	1,825,195	792	769,577	2,595,564		
Projected Operating Income	(872,765)	(38,900)	1,771,810	860,145	(2,231,399)	(125,657)	4,466,244	2,109,188		
Increase in Operating Income	1,633,065	39,597	(1,050,105)	622,557	4,056,594	126,449	(3,696,667)	486,376		
Related Taxes for Increase										
Federal Income	527,214	12,783	(339,013)	200,984	1,309,619	40,822	(1,193,421)	157,020		
Total Increase in Revenue	2,160,279	52,380	(1,389,118)	823,541	5,366,213	167,271	(4,890,088)	643,396		
Projected Revenue Before Increase	4,409,339	3,852,986	4,641,595	12,903,920	11,212,597	15,009,107	9,052,678	35,274,382		
Total Cost of Service Required from Rates:	6,357,405	3,904,740	3,128,305	13,390,450	16,038,653	15,174,356	4,057,493	35,270,702		
Less Projected Cost of Gas	4,197,126	3,852,360	0	8,049,486	10,672,640	15,007,085	0	25,679,725		
Net Distribution Cost of Service	2,160,279	52,380	3,128,305	5,340,964	5,366,213	167,271	4,057,493	9,590,977		
Return on Rate Base Before Increase	4.237%									
Projected Billing Units			11,499				5,204			
Bills			137,988				62,448			
Dk	2,014,211	2,014,211			6,505,434	6,505,434				
Unit Cost of Service										
Energy cost per Dk		\$0.03					\$0.03			
Demand cost per Dk	\$1.070				\$0.820					
Customer Cost Per Month			\$22.67						\$64.97	
Cust and Demand cost per month										

Return on Rate Base Before Increase 4.237%

Projected Billing Units 11,499 5,204
Bills 137,988 62,448
Dk 2,014,211 2,014,211 6,505,434 6,505,434

Unit Cost of Service
Energy cost per Dk \$0.03 \$0.03
Demand cost per Dk \$1.070 \$0.820
Customer Cost Per Month \$22.67 \$64.97
Cust and Demand cost per month

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Embedded Class Cost of Service Study
Twelve Months Ended December 31, 2019
Projected 2021

Allocation Factor	Rate Base-Projected Gas Plant in Service	Firm General > 500 cubic feet										Air Force Delivery			Total Air Force Delivery			Small Interruptible			Total Small Interruptible			
		Total North Dakota		Demand		Energy		Customer		Firm General		Demand		Energy		Customer		Demand		Energy		Customer		
2	Transmission Plant	2,000,051	623,608	0	0	0	0	0	0	623,608	0	0	0	0	0	0	0	0	122,058	0	0	0	122,058	
13	Land	922,303	198,339	0	0	0	0	0	0	210,676	0	0	0	0	0	0	0	0	38,820	0	0	0	38,820	
2	Heskett Pipeline - Demand Related	31,500	9,822	0	0	0	0	0	0	9,822	0	0	0	0	0	0	0	0	1,922	0	0	0	1,922	
8	Heskett Pipeline - Customer Related	13,500	0	0	0	0	0	0	0	611	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Rights of Way	493,986	106,230	0	0	0	0	0	0	112,838	0	0	0	0	0	0	0	0	20,792	0	0	0	20,792	
40	Structures & Improvements	524,062	114,380	0	0	0	0	0	0	121,494	0	0	0	0	0	0	0	0	22,387	0	0	0	22,387	
Direct	Directly Assigned	99,490	20,154	0	0	0	0	0	0	28,791	17,744	0	0	0	0	0	0	0	9,922	0	0	0	9,922	
2	Heskett Pipeline - Demand Related	162,583	50,693	0	0	0	0	0	0	50,693	0	0	0	0	0	0	0	0	9,922	0	0	0	9,922	
8	Heskett Pipeline - Customer Related	69,679	0	0	0	0	0	0	0	3,153	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Mains	85,062,651	26,522,203	0	0	0	0	0	0	26,522,203	0	0	0	0	0	0	0	0	5,191,138	0	0	0	5,191,138	
8	Customer Related 30%	36,455,422	0	0	0	0	0	0	0	1,649,687	0	0	0	0	0	0	0	0	0	0	0	0	0	
Direct	Directly Assigned Demand Related 70%	1,882,457	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Direct	Directly Assigned Customer Related 30%	798,197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Heskett Pipeline	14,376,323	4,482,481	0	0	0	0	0	0	4,482,481	0	0	0	0	0	0	0	0	877,347	0	0	0	877,347	
8	Demand Related 70%	6,161,281	0	0	0	0	0	0	0	278,811	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Customer Related 30%	184,848	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40	Meas. & Reg. Equip. - General	2,639,185	576,021	0	0	0	0	0	0	611,850	0	0	0	0	0	0	0	0	112,744	0	0	0	112,744	
Direct	Directly Assigned	406,688	31,635	0	0	0	0	0	0	13,558	45,193	0	0	0	0	0	0	0	55,348	0	0	0	55,348	
13	Meas. & Reg. Equip. - City Gate	8,183,765	1,759,895	0	0	0	0	0	0	1,869,361	0	0	0	0	0	0	0	0	344,461	0	0	0	344,461	
Direct	Directly Assigned	239,904	0	0	0	0	0	0	0	0	167,933	0	0	0	0	0	0	0	0	0	0	0	0	
2	Heskett Pipeline - Demand Related	432,808	134,948	0	0	0	0	0	0	134,948	0	0	0	0	0	0	0	0	26,413	0	0	0	26,413	
8	Heskett Pipeline - Customer Related	185,489	0	0	0	0	0	0	0	8,394	0	0	0	0	0	0	0	0	0	0	0	0	0	
37	Services	61,055,263	0	0	0	0	0	0	0	4,353,088	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Directly Assigned	509,310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Direct	Directly Assigned	54,980	0	0	0	0	0	0	0	8,745,143	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Directly Assigned	5,258,995	0	0	0	0	0	0	0	1,287,243	0	0	0	0	0	0	0	0	0	0	0	0	0	
Direct	Directly Assigned	14,733	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40	Ind. Meas. & Reg. Station Equipment	779,338	170,096	0	0	0	0	0	0	180,676	0	0	0	0	0	0	0	0	33,293	0	0	0	33,293	
Direct	Directly Assigned	630,496	0	0	0	0	0	0	0	0	69,562	0	0	0	0	0	0	0	256,325	0	0	0	256,325	
2	Heskett Pipeline - Demand Related	519,241	161,897	0	0	0	0	0	0	161,897	0	0	0	0	0	0	0	0	31,688	0	0	0	31,688	
8	Heskett Pipeline - Customer Related	222,532	358	0	0	0	0	0	0	10,070	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Property on Customer Premise	1,667	0	0	0	0	0	0	0	380	0	0	0	0	0	0	0	0	70	0	0	0	70	
40	Catholic Protection & Other Equipment	2,314,704	505,201	0	0	0	0	0	0	31,424	536,625	0	0	0	0	0	0	0	98,882	0	0	0	98,882	
Direct	Directly Assigned	50,296	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Heskett Pipeline - Demand Related	75,245	23,461	0	0	0	0	0	0	23,461	0	0	0	0	0	0	0	0	4,592	0	0	0	4,592	
8	Heskett Pipeline - Customer Related	32,248	0	0	0	0	0	0	0	1,459	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Distribution Plant - includes Heskett	266,368,360	34,867,814	0	0	0	0	0	0	16,573,234	255,239	0	0	0	0	0	0	0	7,126,144	0	0	0	7,126,144	
15	Distribution Plant - Heskett Pipeline Plant	22,822,429	4,863,302	0	0	0	0	0	0	302,498	5,165,800	0	0	0	0	0	0	0	961,884	0	0	0	961,884	
38	Distribution Plant Excluding Direct Assignments	261,701,809	34,816,025	0	0	0	0	0	0	16,551,039	51,367,064	0	0	0	0	0	0	0	6,814,471	0	0	0	6,814,471	
Direct	Directly Assigned - MAFB	186,068	0	0	0	0	0	0	0	924,428	2,869,013	0	0	0	0	0	0	0	380,610	0	0	0	380,610	
15	Intangible Plant - General	4,514,131	554,904	0	0	0	0	0	0	300,911	855,815	4,720	0	0	0	0	0	0	114,187	0	0	0	114,187	
Direct	Directly Assigned	2,192,696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291,628	0	0	0	291,628	
15	Common Plant	18,810,018	2,312,241	0	0	0	0	0	0	1,253,873	3,566,114	19,669	0	0	0	0	0	0	475,808	0	0	0	475,808	

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Embedded Class Cost of Service Study
Twelve Months Ended December 31, 2019
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Rate Base-Projected Gas Plant in Service	Allocation Factor	Large Interruptible				Total North Dakota	Minot Air Force Base Distributor				Total Minot Air Force			
		Demand	Energy	Customer	Interruptible		Demand	Energy	Customer	Air Force				
Transmission Plant														
Land	2	2,000,051	37,592	0	0	2,000,051	37,592	0	0	0	0	0	0	0
Heskett Pipeline - Demand Related	13	922,303	21,452	0	4,086	922,303	21,452	0	4,086	0	0	0	0	0
Heskett Pipeline - Customer Related	2	31,500	592	0	0	31,500	592	0	0	0	0	0	0	0
Heskett Pipeline - Customer Related	8	13,500	0	0	1	13,500	0	0	1	0	0	0	0	0
Rights of Way	13	493,986	11,490	0	2,189	493,986	11,490	0	2,189	0	0	0	0	0
Structures & Improvements	40	524,062	6,895	0	10	524,062	6,895	0	10	0	0	0	0	0
Directly Assigned		99,490	31,745	0	13,605	99,490	31,745	0	13,605	0	0	0	0	0
Heskett Pipeline - Demand Related	2	162,583	3,056	0	0	162,583	3,056	0	0	0	0	0	0	0
Heskett Pipeline - Customer Related	8	69,679	0	0	4	69,679	0	0	4	0	0	0	0	0
Mains														
Demand Related 70%	2	85,062,651	1,598,815	0	0	85,062,651	1,598,815	0	0	0	0	0	0	0
Customer Related 30%	8	36,455,422	0	0	2,219	36,455,422	0	0	2,219	0	0	0	0	0
Directly Assigned Demand Related 70%	Direct	1,862,457	1,269,815	0	0	1,862,457	1,269,815	0	0	592,642	0	0	0	592,642
Directly Assigned Customer Related 30%	Direct	798,197	0	0	544,207	798,197	0	0	544,207	0	0	253,990	0	253,990
Heskett Pipeline														
Demand Related 70%	2	14,376,323	270,214	0	0	14,376,323	270,214	0	0	0	0	0	0	0
Customer Related 30%	8	6,161,281	0	0	375	6,161,281	0	0	375	0	0	0	0	0
Meas. & Reg. Equip. - General	40	2,639,185	34,724	0	48	2,639,185	34,724	0	48	0	0	0	0	0
Directly Assigned	Direct	406,688	197,698	0	84,728	406,688	197,698	0	84,728	0	0	0	0	0
Meas. & Reg. Equip. - City Gate	13	8,183,765	190,349	0	36,258	8,183,765	190,349	0	36,258	0	0	0	0	0
Directly Assigned	Direct	239,904	0	0	0	239,904	0	0	0	0	0	0	0	0
Heskett Pipeline - Demand Related	2	432,808	8,135	0	0	432,808	8,135	0	0	0	0	0	0	0
Heskett Pipeline - Customer Related	8	185,489	0	0	11	185,489	0	0	11	0	0	0	0	0
Services	37	61,055,263	0	0	13,687	61,055,263	0	0	13,687	0	0	0	0	0
Directly Assigned	Direct	509,310	0	0	0	509,310	0	0	0	0	0	509,310	0	509,310
Meters	9	35,728,039	0	0	49,493	35,728,039	0	0	49,493	0	0	0	0	0
Directly Assigned	Direct	54,980	0	0	0	54,980	0	0	0	0	0	54,980	0	54,980
Service Regulators	9	5,258,995	0	0	7,285	5,258,995	0	0	7,285	0	0	0	0	0
Directly Assigned	Direct	14,733	0	0	0	14,733	0	0	0	0	0	14,733	0	14,733
Ind. Meas. & Reg. Station Equipment	40	779,338	10,254	0	14	779,338	10,254	0	14	0	0	0	0	0
Directly Assigned	Direct	630,496	115,461	0	49,483	630,496	115,461	0	49,483	0	0	0	0	0
Heskett Pipeline - Demand Related	2	519,241	9,760	0	0	519,241	9,760	0	0	0	0	0	0	0
Heskett Pipeline - Customer Related	8	222,532	0	0	14	222,532	0	0	14	0	0	0	0	0
Property on Customer Premise	13	1,667	39	0	7	1,667	39	0	7	0	0	0	0	0
Catholic Protection & Other Equipment	40	2,314,704	30,455	0	42	2,314,704	30,455	0	42	0	0	0	0	0
Directly Assigned	Direct	50,296	0	0	0	50,296	0	0	0	35,207	0	15,089	0	50,296
Heskett Pipeline - Demand Related	2	75,245	1,414	0	0	75,245	1,414	0	0	0	0	0	0	0
Heskett Pipeline - Customer Related	8	32,248	0	0	2	32,248	0	0	2	0	0	0	0	0
Distribution Plant - Includes Heskett														
Distribution Plant - Heskett Pipeline Plant		266,368,360	3,812,363	0	807,768	266,368,360	3,812,363	0	807,768	4,620,131	627,849	0	848,102	1,475,951
Distribution Plant Excluding Direct Assignments		22,282,429	293,171	0	407	22,282,429	293,171	0	407	0	0	0	0	0
General Plant	38	14,616,870	122,745	0	6,465	14,616,870	122,745	0	6,465	0	0	0	0	0
Directly Assigned - MAFB	Direct	186,068	0	0	0	186,068	0	0	0	0	0	55,821	0	186,068
Intangible Plant - General	15	4,514,131	65,084	0	14,931	4,514,131	65,084	0	14,931	80,015	11,611	0	15,685	27,296
Directly Assigned	Direct	2,192,696	1,243,259	0	532,825	2,192,696	1,243,259	0	532,825	1,776,084	0	0	0	0
Common Plant	15	18,810,018	271,200	0	62,218	18,810,018	271,200	0	62,218	333,418	48,384	0	65,357	113,741

MONTANA-DAKOTA UTILITIES CO.
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Twelve Months Ended December 31, 2019
Projected 2021

	Allocation Factor	Total			Residential			Firm General-Meter < 500 cubic feet			Total Small Firm General	
		North Dakota	Demand	Energy	Customer	Demand	Energy	Customer	Demand	Energy	Customer	Firm General
Intangible Common (Excluding CC&B)	15	8,257,296	1,578,650	0	3,747,840	5,326,490	398,485	0	485,386	0	888,413	883,871
Intangible Common (CC&B)	4	8,885,985	0	0	7,581,140	7,581,140	0	0	888,413	0	888,413	888,413
Acquisition Adjustment	15	97,266	18,596	0	44,146	62,742	4,694	0	5,718	0	5,718	10,412
Total Gas Plant in Service including Heskett		325,928,741	64,299,299	0	144,956,021	209,255,320	16,230,495	0	18,605,719	0	34,836,214	34,836,214
Less: Accumulated Depreciation												
Transmission Plant	2	594,763	288,914	0	0	288,914	72,928	0	0	0	0	72,928
Distribution Plant												
Rights of Way	13	110,823	37,129	0	27,951	65,080	9,372	0	3,276	0	3,276	12,648
Structures & Improvements	23	229,858	65,689	0	49,452	115,141	16,581	0	5,795	0	5,795	22,376
Heskett Pipeline - Demand Related	2	26,833	13,035	0	0	13,035	3,290	0	0	0	0	3,290
Heskett Pipeline - Customer Related	8	11,500	0	0	9,813	9,813	0	0	1,150	0	1,150	1,150
Mains	40	44,833,699	15,245,015	0	11,476,453	26,721,468	3,848,162	0	1,344,894	0	1,344,894	5,193,056
Direct	Direct	56,502	0	0	0	0	0	0	0	0	0	0
Heskett Pipeline - Demand Related 70%	2	2,411,055	1,171,203	0	0	1,171,203	295,636	0	0	0	0	295,636
Customer Related 30%	8	1,033,310	0	0	881,682	881,682	0	0	103,322	0	103,322	103,322
Meas. & Reg. Equip. - General	18	803,132	236,629	0	178,135	414,764	59,730	0	20,875	0	20,875	80,605
Meas. & Reg. Equip. - City Gate	19	1,196,722	389,523	0	293,234	682,757	98,324	0	34,363	0	34,363	132,687
Heskett Pipeline - Demand Related	2	92,389	44,883	0	0	44,883	11,330	0	0	0	0	11,330
Heskett Pipeline - Customer Related	8	39,600	0	0	33,789	33,789	0	0	3,960	0	3,960	3,960
Services	37	38,571,272	0	0	31,425,087	31,425,087	0	0	4,161,402	0	4,161,402	4,161,402
Direct	Direct	99,871	0	0	0	0	0	0	0	0	0	0
Meters	5	13,168,600	0	0	8,307,576	8,307,576	0	0	1,168,268	0	1,168,268	1,168,268
Direct	Direct	17,067	0	0	0	0	0	0	0	0	0	0
Service Regulators	9	1,639,932	0	0	1,036,824	1,036,824	0	0	145,805	0	145,805	145,805
Direct	Direct	2,352	0	0	0	0	0	0	0	0	0	0
Ind. Meas. & Reg. Station Equipment	21	398,173	74,843	0	56,343	131,186	18,892	0	6,603	0	6,603	25,495
Heskett Pipeline - Demand Related	2	88,502	42,991	0	0	42,991	10,852	0	0	0	0	10,852
Heskett Pipeline - Customer Related	8	37,929	0	0	32,364	32,364	0	0	3,793	0	3,793	3,793
Property on Customer Premise	13	1,753	587	0	442	1,029	148	0	52	0	52	200
Catholic Protection & Other Equipment	13	966,161	323,696	0	243,679	567,375	81,708	0	28,556	0	28,556	110,264
Heskett Pipeline - Demand Related	2	12,994	6,313	0	0	6,313	1,593	0	0	0	0	1,593
Heskett Pipeline - Customer Related	8	5,569	0	0	4,752	4,752	0	0	557	0	557	557
Distribution Plant		105,855,608	17,651,536	0	54,057,576	71,709,112	4,455,618	0	7,032,671	0	7,032,671	11,488,289
General Plant	38	748,600	155,159	0	333,221	488,380	39,165	0	42,955	0	42,955	82,120
Direct	Direct	51,676	0	0	0	0	0	0	0	0	0	0
Intangible Plant - General	15	1,656,460	316,686	0	751,838	1,068,524	79,938	0	97,371	0	97,371	177,309
Intangible Plant - General - Direct	Direct	729,742	0	0	0	0	0	0	0	0	0	0
Common Plant	15	5,583,831	1,067,531	0	2,534,403	3,601,934	269,467	0	328,232	0	328,232	597,699
Intangible Plant - Common	15	4,914,734	939,611	0	2,230,711	3,170,322	237,178	0	288,901	0	288,901	526,079
Intangible Plant - Common-CC&B	4	4,593,157	0	0	3,918,684	3,918,684	0	0	459,220	0	459,220	459,220
Acquisition Adjustment	15	79,183	15,138	0	35,939	51,077	3,821	0	4,655	0	4,655	8,476
Less: Total Accumulated Reserve for Depreciation		124,807,754	20,434,575	0	63,862,372	84,296,947	5,158,115	0	8,254,005	0	8,254,005	13,412,120
Net Gas Plant in Service including Heskett		201,120,987	43,864,724	0	81,093,649	124,958,373	11,072,380	0	10,351,714	0	10,351,714	21,424,094

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Allocation Factor	Total North Dakota	Firm General > 500 cubic feet				Air Force Delivery				Total Force Delivery				Total Small Interruptible				Total Small Interruptible	
		Total		Total Large		Air Force Delivery		Customer		Air Force Delivery		Air Force Delivery		Energy		Demand			
		Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy		
Intangible Common (Excluding CC&B)	15	8,257,296	1,015,037	0	550,430	1,565,467	8,635	0	4,817	13,452	208,872	0	62,848	271,720	0	12,748	0	740	3,200
Intangible Common (CC&B)	4	8,885,985	0	0	402,061	402,061	0	0	232	232	0	0	0	0	0	0	0	0	0
Acquisition Adjustment	15	97,266	11,957	0	6,484	18,441	102	0	57	159	2,460	0	0	0	0	0	0	0	0
Total Gas Plant in Service including Heskett		325,928,741	41,330,146	0	20,011,421	61,341,567	288,365	0	162,957	451,322	8,721,767	0	2,343,046	11,064,813	0	0	0	0	0
Less: Accumulated Depreciation																			
Transmission Plant	2	594,763	185,445	0	0	185,445	0	0	0	0	36,297	0	0	36,297	0	0	0	0	0
Distribution Plant																			
Rights of Way	13	110,823	23,832	0	1,482	25,314	0	0	0	0	4,665	0	47	4,712	0	0	0	0	0
Structures & Improvements	23	229,858	49,593	0	5,806	55,399	6,541	0	2,803	9,344	8,252	0	83	8,335	0	0	0	0	0
Heskett Pipeline - Demand Related	2	26,833	8,366	0	0	8,366	0	0	0	0	1,638	0	0	1,638	0	0	0	0	0
Heskett Pipeline - Customer Related	8	11,500	0	0	520	520	0	0	0	0	0	0	0	0	0	0	0	0	0
Heskett Pipeline - Customer Related	40	44,833,699	9,785,281	0	608,647	10,393,928	0	0	0	0	1,915,253	0	19,298	1,934,551	0	0	0	0	0
Direct		56,502	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Heskett Pipeline - Demand Related 70%	2	2,411,055	751,758	0	0	751,758	0	0	0	0	147,140	0	0	147,140	0	0	0	0	0
Customer Related 30%	8	1,033,310	0	0	46,760	46,760	0	0	0	0	0	0	1,483	1,483	0	0	0	0	0
Meas. & Reg. Equip. - General	18	803,132	160,226	0	13,022	173,248	0	0	0	0	44,322	0	6,554	50,876	0	0	0	0	0
Meas. & Reg. Equip. - City Gate	19	1,196,722	250,022	0	15,551	265,573	23,858	0	10,225	34,083	48,936	0	493	49,429	0	0	0	0	0
Heskett Pipeline - Demand Related	2	92,399	28,810	0	0	28,810	0	0	0	0	5,639	0	0	5,639	0	0	0	0	0
Heskett Pipeline - Customer Related	8	39,600	0	0	1,792	1,792	0	0	0	0	0	0	57	57	0	0	0	0	0
Services	37	38,571,272	0	0	2,750,035	2,750,035	0	0	0	0	0	0	226,101	226,101	0	0	0	0	0
Direct		99,871	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meters	5	13,168,600	0	0	3,216,271	3,216,271	0	0	10,583	10,583	0	0	419,083	419,083	0	0	0	0	0
Direct		17,067	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Service Regulators	9	1,639,932	0	0	401,406	401,406	0	0	1,321	1,321	0	0	52,304	52,304	0	0	0	0	0
Direct		2,352	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ind. Meas. & Reg. Station Equipment	21	398,173	48,039	0	2,988	51,027	19,646	0	8,420	28,066	81,795	0	31,120	112,915	0	0	0	0	0
Heskett Pipeline - Demand Related	2	88,502	27,595	0	0	27,595	0	0	0	0	5,401	0	0	5,401	0	0	0	0	0
Heskett Pipeline - Customer Related	8	37,929	0	0	1,716	1,716	0	0	0	0	0	0	54	54	0	0	0	0	0
Property on Customer Premise	13	1,753	377	0	23	400	0	0	0	0	74	0	1	75	0	0	0	0	0
Catholic Protection & Other Equipment	13	966,161	207,770	0	12,923	220,693	0	0	0	0	40,666	0	410	41,076	0	0	0	0	0
Heskett Pipeline - Demand Related	2	12,994	4,051	0	0	4,051	0	0	0	0	793	0	0	793	0	0	0	0	0
Heskett Pipeline - Customer Related	8	5,569	0	0	252	252	0	0	0	0	0	0	8	8	0	0	0	0	0
Distribution Plant		105,855,608	11,345,720	0	7,079,194	18,424,914	50,045	0	33,352	83,397	2,304,574	0	757,112	3,061,686	0	0	0	0	0
General Plant	38	748,600	99,592	0	47,344	146,936	0	0	94	94	19,493	0	4,960	24,453	0	0	0	0	0
Direct		51,676	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intangible Plant - General	15	1,656,460	203,622	0	110,419	314,041	1,732	0	966	2,698	41,901	0	12,608	54,509	0	0	0	0	0
Intangible Plant - General - Direct		729,742	0	0	0	0	0	0	0	0	97,056	0	41,595	138,651	0	0	0	0	0
Common Plant	15	5,583,831	686,398	0	372,217	1,058,615	5,839	0	3,258	9,097	141,245	0	42,499	183,744	0	0	0	0	0
Intangible Plant - Common	15	4,914,734	604,149	0	327,616	931,765	5,139	0	2,867	8,006	124,320	0	37,407	161,727	0	0	0	0	0
Intangible Plant - Common-CC&B	4	4,593,157	0	0	207,825	207,825	0	0	120	120	0	0	6,589	6,589	0	0	0	0	0
Acquisition Adjustment	15	79,183	9,734	0	5,278	15,012	83	0	46	46	2,003	0	603	2,606	0	0	0	0	0
Less: Total Accumulated Reserve for Depreciation		124,807,754	13,134,660	0	8,149,893	21,284,553	62,838	0	40,703	103,541	2,766,889	0	903,373	3,670,262	0	0	0	0	0
Net Gas Plant in Service including Heskett		201,120,987	28,195,486	0	11,861,528	40,057,014	225,527	0	122,254	347,781	5,954,878	0	1,439,673	7,394,551	0	0	0	0	0

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	Allocation Factor	Large Interruptible				Total Large Interruptible	Minot Air Force Base Distributor				Total Minot Air Force
		North Dakota	Demand	Energy	Customer		Demand	Energy	Customer	Air Force	
Intangible Common (Excluding CC&B)	15	8,257,296	119,052	0	27,313	146,365	21,240	0	28,691	49,931	
Intangible Common (CC&B)	4	8,885,985	0	0	1,391	1,391	0	0	0	0	
Acquisition Adjustment	15	97,266	1,402	0	322	1,724	250	0	338	588	
Total Gas Plant in Service including Heskett		325,928,741	5,672,697	0	1,453,233	7,125,930	839,581	0	1,013,994	1,853,575	
Less: Accumulated Depreciation											
Transmission Plant	2	594,763	11,179	0	0	11,179	0	0	0	0	
Distribution Plant											
Rights of Way	13	110,823	2,578	0	491	3,069	0	0	0	0	
Structures & Improvements	23	229,858	14,244	0	5,019	19,263	0	0	0	0	
Heskett Pipeline - Demand Related	2	26,833	504	0	0	504	0	0	0	0	
Heskett Pipeline - Customer Related	8	11,500	0	0	1	1	0	0	0	0	
Mains	40	44,833,699	589,877	0	819	590,696	0	0	0	0	
Direct		56,502	0	0	0	0	39,552	0	16,950	56,502	
Heskett Pipeline - Demand Related 70%	2	2,411,055	45,318	0	0	45,318	0	0	0	0	
Customer Related 30%	8	1,033,310	0	0	63	63	0	0	0	0	
Meas. & Reg. Equip. - General	18	803,132	61,285	0	22,354	83,639	0	0	0	0	
Meas. & Reg. Equip. - City Gate	19	1,196,722	27,042	0	5,151	32,193	0	0	0	0	
Heskett Pipeline - Demand Related	2	92,389	1,737	0	0	1,737	0	0	0	0	
Heskett Pipeline - Customer Related	8	39,600	0	0	2	2	0	0	0	0	
Services	37	38,571,272	0	0	8,647	8,647	0	0	0	0	
Direct		99,871	0	0	0	0	0	0	99,871	99,871	
Meters	5	13,168,600	0	0	46,819	46,819	0	0	0	0	
Direct		17,067	0	0	0	0	0	0	17,067	17,067	
Service Regulators	9	1,639,932	0	0	2,272	2,272	0	0	0	0	
Direct		2,352	0	0	0	0	0	0	2,352	2,352	
Ind. Meas. & Reg. Station Equipment	21	398,173	35,505	0	13,979	49,484	0	0	0	0	
Heskett Pipeline - Demand Related	2	88,502	1,663	0	0	1,663	0	0	0	0	
Heskett Pipeline - Customer Related	8	37,929	0	0	2	2	0	0	0	0	
Property on Customer Premise	13	1,753	41	0	8	49	0	0	0	0	
Catholic Protection & Other Equipment	13	966,161	22,472	0	4,281	26,753	0	0	0	0	
Heskett Pipeline - Demand Related	2	12,994	244	0	0	244	0	0	0	0	
Heskett Pipeline - Customer Related	8	5,569	0	0	0	0	0	0	0	0	
Distribution Plant		105,855,608	802,510	0	109,908	912,418	39,552	0	136,240	175,792	
General Plant											
Direct	38	748,600	6,286	0	331	6,617	0	0	0	0	
Intangible Plant - General	15	1,656,460	23,883	0	5,479	29,362	4,261	0	15,503	51,676	
Intangible Plant - General - Direct	15	729,742	413,764	0	177,327	591,091	0	0	5,756	10,017	
Common Plant	15	5,583,831	80,507	0	18,470	98,977	14,363	0	19,402	33,765	
Intangible Plant - Common	15	4,914,734	70,860	0	16,256	87,116	12,642	0	17,077	29,719	
Intangible Plant - Common-CC&B	4	4,593,157	0	0	719	719	0	0	0	0	
Acquisition Adjustment	15	79,183	1,142	0	262	1,404	204	0	275	479	
Less: Total Accumulated Reserve for Depreciation		124,807,754	1,410,131	0	328,752	1,738,883	107,195	0	194,253	301,448	
Net Gas Plant in Service including Heskett		201,120,987	4,262,566	0	1,124,481	5,387,047	732,386	0	819,741	1,552,127	

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Allocation Factor	Total North Dakota	Residential			Firm General-Meter < 500 cubic feet			Total Small Firm General	
		Demand	Energy	Customer	Demand	Energy	Customer	Demand	Energy
15	2,538,800	485,374	0	1,152,317	1,637,691	122,519	0	149,237	271,756
10	35,198	0	14,802	0	14,802	0	9,548	0	9,548
25	276,676	54,583	0	123,050	177,633	13,778	0	15,794	29,572
24	298,810	65,171	0	120,482	185,653	16,450	0	15,380	31,830
24	47,407	10,340	0	19,114	29,454	2,610	0	2,440	5,050
24	467,967	102,064	0	188,690	290,754	25,763	0	24,086	49,849
24	16,296,452	3,554,275	0	6,570,863	10,125,138	897,174	0	838,780	1,735,954
24	542,497	118,319	0	218,740	337,059	29,866	0	27,922	57,788
	20,503,807	4,390,126	14,802	8,393,256	12,798,184	1,108,160	9,548	1,073,639	2,191,347
	221,624,794	48,254,850	14,802	89,486,905	137,756,557	12,180,540	9,548	11,425,353	23,615,441
	(28,172,298)	(6,144,411)	0	(11,359,304)	(17,503,715)	(1,550,979)	0	(1,450,030)	(3,001,009)
24	0	0	0	0	0	0	0	0	0
Direct	(8,786,871)	(2,630,086)	0	(1,127,180)	(3,757,266)	(220,199)	0	(94,371)	(314,570)
	(36,959,169)	(8,774,497)	0	(12,486,484)	(21,260,981)	(1,771,178)	0	(1,544,401)	(3,315,579)
	184,665,625	39,480,353	14,802	77,000,421	116,495,576	10,409,362	9,548	9,880,952	20,299,862

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Allocation Factor	Total North Dakota	Large Interruptible			Minot Air Force Base Distributor			Total Minot Air Force	
		Demand	Energy	Customer	Demand	Energy	Customer		
15	2,538,800	36,604	0	8,398	45,002	6,530	0	8,821	15,351
10	35,198	0	0	0	0	0	0	0	0
25	276,676	4,815	0	1,234	6,049	713	0	861	1,574
24	298,810	6,333	0	1,671	8,004	1,088	0	1,218	2,306
24	47,407	1,005	0	265	1,270	173	0	193	366
24	467,967	9,918	0	2,616	12,534	1,704	0	1,907	3,611
24	16,296,452	345,388	0	91,115	436,503	59,344	0	66,422	125,766
24	542,497	11,498	0	3,033	14,531	1,976	0	2,211	4,187
	20,503,807	415,561	0	108,332	523,893	71,528	0	81,633	153,161
	221,624,794	4,678,127	0	1,232,813	5,910,940	803,914	0	901,374	1,705,288
Deductions									
24	(28,172,298)	(597,085)	0	(157,513)	(754,598)	(102,590)	0	(114,826)	(217,416)
24	0	0	0	0	0	0	0	0	0
Direct	(8,786,871)	(423,176)	0	(181,361)	(604,537)	0	0	0	0
	(36,959,169)	(1,020,261)	0	(338,874)	(1,359,135)	(102,590)	0	(114,826)	(217,416)
	184,665,625	3,657,866	0	893,939	4,551,805	701,324	0	786,548	1,487,872

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Allocation Factor	Residential				Firm General-Meter < 500 cubic feet				Total Small Firm General		
	Total North Dakota		Total Residential		Demand		Energy		Customer	Firm General	
	Demand	Energy	Demand	Energy	Demand	Energy	Demand	Energy	Customer	Firm General	
Income Statement											
Gas Operating Revenues											
Retail Sales & Transportation											
	Residential										
Direct	58,718,404	16,627,479	17,766,247	24,324,678	58,718,404	0	0	0	0	0	0
Direct	47,194,215	0	0	0	0	4,197,126	3,852,360	4,517,423	0	0	12,566,909
Direct	1,296,755	0	0	0	0	0	0	0	0	0	0
Direct	3,867,749	0	0	0	0	0	0	0	0	0	0
Direct	3,671,532	0	0	0	0	0	0	0	0	0	0
	114,748,655	16,627,479	17,766,247	24,324,678	58,718,404	4,197,126	3,852,360	4,517,423	0	0	12,566,909
Other Operating Revenues											
Miscellaneous											
6	48,660	0	0	41,582	41,582	0	0	0	4,873	0	4,873
Direct	456,000	0	0	0	0	0	0	0	0	0	0
6	34,029	0	0	29,079	29,079	0	0	0	3,408	0	3,408
41	2,769	609	0	1,128	1,737	154	0	144	0	0	298
41	565,349	124,262	0	229,728	353,990	31,366	0	29,325	0	0	60,691
42	300,407	39,827	2,679	151,013	193,519	10,053	626	19,733	0	0	30,412
2	1,293,411	628,292	0	0	628,292	158,594	0	0	0	0	158,594
8	554,319	0	0	472,979	472,979	0	0	55,427	0	0	55,427
41	217,120	47,722	0	88,227	135,949	12,046	0	11,262	0	0	23,308
	3,472,064	840,712	2,679	1,013,736	1,857,127	212,213	626	124,172	0	0	337,011
	3,016,064	840,712	2,679	1,013,736	1,857,127	212,213	626	124,172	0	0	337,011
26	0	0	0	0	0	0	0	0	0	0	0
	118,220,719	17,468,191	17,768,926	25,338,414	60,575,531	4,409,339	3,852,986	4,641,595	0	0	12,903,920
Total Operating Revenues											
Operation & Maintenance Expenses											
Cost of Purchased Gas											
Direct	73,319,285	16,627,479	17,766,247	0	34,393,726	4,197,126	3,852,360	0	0	0	8,049,486
3	10,523	0	4,804	0	4,804	0	1,123	0	0	0	1,123
3	363,936	0	166,158	0	166,158	0	38,828	0	0	0	38,828
Distribution Expenses											
Operation											
1	31,727	0	10,616	0	10,616	0	2,481	0	0	0	2,481
22	2,197,546	492,460	0	963,571	1,456,031	124,307	0	121,951	0	0	246,258
18	173,439	51,101	0	38,469	89,570	12,899	0	4,508	0	0	17,407
21	92,007	17,294	0	13,019	30,313	4,365	0	1,526	0	0	5,891
19	142,770	46,470	0	34,983	81,453	11,730	0	4,100	0	0	15,830
5	431,482	0	0	272,797	272,797	0	0	38,363	0	0	38,363
5	791,051	0	0	499,044	499,044	0	0	70,179	0	0	70,179
27	2,276,915	358,243	6,262	1,074,677	1,439,182	90,428	1,463	141,939	0	0	233,830
27	41,245	6,489	113	19,466	26,068	1,638	27	2,571	0	0	4,236
27	1,881,390	296,013	5,174	887,992	1,189,179	74,720	1,209	117,283	0	0	193,212
Direct	53	0	0	0	0	0	0	0	0	0	0
	8,059,625	1,268,070	22,165	3,804,018	5,094,253	320,087	5,180	502,420	0	0	827,687

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Allocation Factor	Total North Dakota		Firm General > 500 cubic feet				Air Force Delivery				Total Air Force Delivery				Total Small Interruptible	
	North Dakota	Total	Demand	Energy	Customer	Firm General	Demand	Energy	Customer	Demand	Energy	Customer	Demand	Energy	Customer	Small Interruptible
Income Statement																
Gas Operating Revenues																
Retail Sales & Transportation																
Residential																
Firm General	58,718,404	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Air Force Delivery	47,194,215	10,672,640	15,007,085	8,947,581	34,627,306	0	0	0	0	0	0	0	0	0	0	0
Small Interruptible	1,296,755	0	0	0	217,513	968,869	110,373	1,296,755	0	0	0	0	0	0	0	0
Large Interruptible	3,867,749	0	0	0	0	0	0	0	0	0	0	0	373,771	1,751,171	1,742,807	3,867,749
Total Sales & Transportation Revenues	114,748,655	10,672,640	15,007,085	8,947,581	34,627,306	217,513	968,869	110,373	1,296,755	373,771	1,751,171	1,742,807	3,867,749			
Other Operating Revenue																
Miscellaneous																
Reconnect Fees	6	48,660	0	0	2,205	0	0	0	0	0	0	0	0	0	0	0
Minor Maintenance Fee Rate 65	Direct	456,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NSF Check Fees & Other	6	34,029	0	0	1,542	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous	41	2,769	391	0	165	556	0	0	0	83	0	20	103			
Rent From Gas Property	41	565,349	79,874	0	33,602	113,476	639	0	346	16,869	0	4,078	20,947			
Other Gas Revenues																
Miscellaneous	42	300,407	25,736	2,022	29,594	57,352	650	135	359	6,820	294	4,470	11,584			
Heskett Pipeline Revenue																
Demand Related 70%	2	1,293,411	403,281	0	0	403,281	0	0	0	78,933	0	0	78,933			
Customer Related 30%	8	554,319	0	0	25,084	25,084	0	0	0	0	0	0	795			
Transport and Penalty Revenue - Net	41	217,120	30,675	0	12,905	43,580	245	133	378	6,479	0	1,566	8,045			
Total Other Operating Revenue		3,472,064	539,957	2,022	105,097	647,076	1,534	135	838	109,184	294	10,929	120,407			
Unbilled Revenue		3,016,064	539,957	2,022	105,097	647,076	1,534	135	838	109,184	294	10,929	120,407			
Total Operating Revenues	26	118,220,719	11,212,597	15,009,107	9,052,678	35,274,382	219,047	969,004	111,211	1,299,262	482,955	1,751,465	1,753,736	3,988,156		
Operation & Maintenance Expenses																
Cost of Purchased Gas	Direct	73,319,285	10,672,640	15,007,085	0	25,679,725	217,513	968,869	0	1,186,382	373,771	1,751,171	0	2,124,942		
Transmission Expenses	3	10,523	0	3,626	0	3,626	0	241	0	241	0	415	0	415		
Other Gas Supply Expenses	3	363,936	0	125,406	0	125,406	0	8,347	0	8,347	0	14,343	0	14,343		
Distribution Expenses																
Operation																
Load Dispatch	1	31,727	0	8,012	0	8,012	0	533	0	533	0	2,166	0	2,166		
Mains and Services	22	2,197,546	316,094	0	71,542	387,636	0	0	0	61,868	0	4,889	66,757			
Measuring Stations - General	18	173,439	34,601	0	2,812	37,413	0	0	0	9,572	0	1,415	10,987			
Measuring Stations - Industrial	21	92,007	11,101	0	690	11,791	4,540	1,946	6,486	18,901	0	7,191	26,092			
Measuring Stations - City Gate	19	142,770	29,828	0	1,855	31,683	2,846	0	1,220	4,066	0	59	5,897			
Meters & House Regulators	16	431,482	0	0	105,614	105,614	0	0	348	0	0	13,762	13,762			
Customer Installations	5	791,051	0	0	193,205	193,205	0	0	636	0	0	25,175	25,175			
Other Gas Distribution	27	2,276,915	231,008	4,726	221,625	457,359	4,357	314	2,448	56,733	1,278	30,963	88,974			
Rents	27	41,245	4,185	86	4,015	8,286	79	6	44	1,028	23	561	1,612			
Supervision & Engineering	27	1,881,390	190,879	3,905	183,126	377,910	3,600	260	2,023	5,883	46,878	25,584	73,518			
Direct-Minot AFB Distribution System	Direct	53	8,059,625	817,696	16,729	784,484	1,618,909	15,422	1,113	8,665	25,200	109,599	314,940			
Total Operation Expense		8,059,625	817,696	16,729	784,484	1,618,909	15,422	1,113	8,665	25,200	200,818	4,523	109,599	314,940		

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	Allocation Factor	Large Interruptible				Total Large Interruptible	Minot Air Force Base Distributor				Total Minot Air Force	
		Total North Dakota	Demand	Energy	Customer		Demand	Energy	Customer	Air Force		
Income Statement												
Gas Operating Revenues												
Retail Sales & Transportation												
Residential												
Firm General												
Air Force Delivery												
Small Interruptible												
Large Interruptible												
Total Sales & Transportation Revenues												
Other Operating Revenue												
Miscellaneous												
Reconnect Fees	6	48,660	0	0	0	0	0	0	0	0	0	0
Minot Maintenance Fee Rate 65		456,000	0	0	0	0	0	0	0	456,000	0	456,000
NSF Check Fees & Other	6	34,029	0	0	0	0	0	0	0	0	0	0
Miscellaneous	41	2,769	59	0	16	75	0	0	0	0	0	0
Rent From Gas Property	41	565,349	12,075	0	3,185	15,260	0	0	0	0	0	0
Other Gas Revenues												
Miscellaneous	42	300,407	4,326	540	1,530	6,396	0	0	0	0	0	0
Heskett Pipeline Revenue												
Demand Related 70%	2	1,293,411	24,311	0	0	24,311	0	0	0	0	0	0
Customer Related 30%	8	554,319	0	0	34	34	0	0	0	0	0	0
Transport and Penalty Revenue - Net	41	217,120	4,637	0	1,223	5,860	0	0	0	0	0	0
Total Other Operating Revenue												
Unbilled Revenue	26	3,472,064	45,408	540	5,988	51,936	0	0	0	456,000	0	456,000
		3,016,064	45,408	540	5,988	51,936	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
Total Operating Revenues		118,220,719	1,174,056	756,916	1,792,496	3,723,468	0	0	0	456,000	0	456,000
Operation & Maintenance Expenses												
Cost of Purchased Gas	Direct	73,319,285	1,128,648	756,376	0	1,885,024	0	0	0	0	0	0
Transmission Expenses	3	10,523	0	314	0	314	0	0	0	0	0	0
Other Gas Supply Expenses	3	363,936	0	10,854	0	10,854	0	0	0	0	0	0
Distribution Expenses												
Operation												
Load Dispatch	1	31,727	0	7,919	0	7,919	0	0	0	0	0	0
Mains and Services	22	2,197,546	34,189	0	6,675	40,864	0	0	0	0	0	0
Measuring Stations - General	18	173,439	13,235	0	4,827	18,062	0	0	0	0	0	0
Measuring Stations - Industrial	21	92,007	8,204	0	3,230	11,434	0	0	0	0	0	0
Measuring Stations - City Gate	19	142,770	3,226	0	615	3,841	0	0	0	0	0	0
Meters & House Regulators	16	431,482	0	0	598	598	0	0	0	0	0	0
Customer Installations	5	791,051	0	0	2,812	2,812	0	0	0	0	0	0
Other Gas Distribution	27	2,276,915	34,716	4,671	11,064	50,451	0	0	0	0	0	0
Rents	27	41,245	629	85	200	914	0	0	0	0	0	0
Supervision & Engineering	27	1,881,390	28,686	3,860	9,142	41,688	0	0	0	0	0	0
Direct-Minot AFB Distribution System	Direct	53	0	0	0	0	53	0	0	0	0	53
Total Operation Expense		8,059,625	122,885	16,535	39,163	178,583	53	0	0	0	0	53

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Allocation Factor	Total North Dakota	Large Interruptible			Total Large Interruptible	Minot Air Force Base Distributor			Total Minot Air Force
		Demand	Energy	Customer		Demand	Energy	Customer	
Maintenance									
Structures & Improvements									
Mains	13	39,129	910	173	1,083	0	0	0	0
Measuring Stations - General	18	268,600	6,247	1,190	7,437	0	0	0	0
Measuring Stations - Industrial	21	175,554	13,396	4,886	18,282	0	0	0	0
Measuring Stations - City Gate	19	82,489	7,356	2,896	10,252	0	0	0	0
Services	5	106,813	2,414	460	2,874	0	0	0	0
Meters & House Regulators	16	281,310	0	1,000	1,000	0	0	0	0
Other Equipment	28	407,159	0	564	564	0	0	0	0
Supervision & Engineering	28	355,338	7,917	2,916	10,833	0	0	0	0
Direct-Minot AFB Distribution System	28	799,511	17,812	6,561	24,373	0	0	0	0
Total Maintenance Expense	Direct	19	0	0	0	19	0	0	19
Total Distribution Expenses		2,515,922	56,052	20,646	76,698	19	0	0	19
Customer Accounts									
Meter Reading	4	147,005	0	23	23	0	0	0	0
Customer Records & Collection	5	331,176	0	1,177	1,177	0	0	0	0
Uncollectible Accounts	43	1,830,622	0	5,440	5,440	0	0	0	0
Miscellaneous Customer Accounts	6	324,519	0	0	0	0	0	0	0
Customer Service & Information	4	140,348	0	22	22	0	0	0	0
Sales Expenses	4	269,021	0	42	42	0	0	0	0
Administration & General Expenses	4	149,928	0	23	23	0	0	0	0
	30	9,826,077	166,256	55,570	237,189	67	0	0	67
Total Gas O&M Expenses		97,287,987	1,473,841	799,442	2,395,389	139	0	0	139
O&M Excl. Cost of Gas and A&G									
O&M Excl. Cost of Gas		14,142,625	178,937	66,536	273,176	72	0	0	72
Depreciation Expense		23,968,702	345,193	122,106	510,365	139	0	0	139
Transmission Plant									
Distribution Plant									
Rights of Way	2	42,401	797	0	797	0	0	0	0
Structures & Improvements	13	16,993	395	75	470	0	0	0	0
Heskett Pipeline - Demand Related	23	21,450	1,329	468	1,797	0	0	0	0
Heskett Pipeline - Customer Related	2	5,593	105	0	105	0	0	0	0
Mains	8	2,397	0	0	0	0	0	0	0
Direct-Minot AFB Distribution System	40	4,283,656	56,360	78	56,438	0	0	0	0
Heskett Pipeline	Direct	21,369	0	0	0	14,958	0	6,411	21,369
Demand Related 70%	2	494,546	9,295	0	9,295	0	0	0	0
Customer Related 30%	8	211,948	0	13	13	0	0	0	0
Meas. & Reg. Equip. - General	18	104,778	7,995	2,916	10,911	0	0	0	0
Meas. & Reg. Equip. - City Gate	19	289,774	6,548	1,247	7,795	0	0	0	0
Heskett Pipeline - Demand Related	2	14,888	280	0	280	0	0	0	0
Heskett Pipeline - Customer Related	8	6,381	0	0	0	0	0	0	0
Services	17	2,085,659	0	1,212	1,212	0	0	69	69
Meters	Direct	32,162	0	0	0	0	0	32,162	32,162
Service Regulators	5	1,229,061	0	4,370	4,370	0	0	0	0
	Direct	1,875	0	0	0	0	0	1,875	1,875
	20	181,199	0	250	250	0	0	506	506
	Direct	217	0	0	0	0	0	217	217

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	Allocation Factor	Total				Residential				Firm General-Meter < 500 cubic feet				Total Small Firm	
		North Dakota	Demand	Energy	Customer	Demand	Energy	Customer	Residential	Demand	Energy	Customer	General	Small	
Ind. Meas. & Reg. Station Equipment	21	48,498	9,116	0	6,862	15,978	2,301	0	804	3,105	0	0	0	0	0
Heskett Pipeline - Demand Related	2	17,862	8,677	0	0	8,677	2,190	0	0	2,190	0	0	0	0	0
Heskett Pipeline - Customer Related	8	7,655	0	0	6,533	6,533	0	0	765	765	0	0	0	0	0
Property on Customer Premise	13	57	19	0	15	34	5	0	2	7	0	0	0	0	0
Catholic Protection & Other Equipment	13	80,574	26,995	0	20,323	47,318	6,814	0	2,381	9,195	0	0	0	0	0
Direct		782	0	0	0	0	0	0	0	0	0	0	0	0	0
Heskett Pipeline - Demand Related	2	2,589	1,258	0	0	1,258	317	0	0	317	0	0	0	0	0
Heskett Pipeline - Customer Related	8	1,109	0	0	946	946	0	0	111	111	0	0	0	0	0
Total Distribution Plant		9,163,072	1,889,849	0	4,010,879	5,900,728	477,037	0	516,753	993,790	0	0	0	0	0
General Plant	38	247,213	51,239	0	110,041	161,280	12,934	0	14,185	27,119	0	0	0	0	0
Direct - Minot AFB Distribution System	Direct	5,664	0	0	0	0	0	0	0	0	0	0	0	0	0
Amort. of Intangible Plant - General	15	270,719	51,757	0	122,876	174,633	13,064	0	15,914	28,978	0	0	0	0	0
Direct	Direct	56,099	0	0	0	0	0	0	0	0	0	0	0	0	0
Common Plant	15	513,578	98,187	0	233,105	331,282	24,784	0	30,189	54,973	0	0	0	0	0
Intangible Plant - Common (Excluding CC&B)	15	624,667	119,425	0	283,528	402,953	30,145	0	36,720	66,865	0	0	0	0	0
Intangible Plant - Common (CC&B)	4	591,341	0	0	504,507	504,507	0	0	59,122	59,122	0	0	0	0	0
Amortization of Gain/Preferred Stock	15	26,421	5,051	0	11,983	17,044	1,275	0	1,553	2,828	0	0	0	0	0
Acquisition Adjustment	15	2,821	539	0	1,283	1,822	136	0	166	302	0	0	0	0	0
Total Depreciation Expense		11,543,996	2,236,644	0	5,278,212	7,514,856	564,574	0	674,602	1,239,176	0	0	0	0	0
Taxes Other Than Income															
Ad Valorem Taxes-Transmission	2	13,464	6,540	0	0	6,540	1,651	0	0	1,651	0	0	0	0	0
Heskett Pipeline - Demand Related	2	81,794	39,733	0	0	39,733	10,029	0	0	10,029	0	0	0	0	0
Heskett Pipeline - Customer Related	8	35,055	0	0	29,912	29,912	0	0	3,505	3,505	0	0	0	0	0
Ad Valorem Taxes-Other	15	1,572,317	300,600	0	713,648	1,014,248	75,878	0	92,425	168,303	0	0	0	0	0
Other Taxes - Payroll Franchise, Other	31	1,006,825	133,480	8,978	506,126	648,584	33,693	2,098	66,134	101,925	0	0	0	0	0
Other Taxes - Revenue	Direct	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Taxes - Minot AFB Distribution- Direct	26	1,264	183	196	269	648	46	42	50	138	0	0	0	0	0
Total Taxes Other Than Income Taxes		2,710,719	480,536	9,174	1,249,955	1,739,665	121,297	2,140	162,114	285,551	0	0	0	0	0
Total Operating Expense		111,542,702	22,522,306	17,989,142	18,577,106	59,088,554	5,685,099	3,904,444	2,411,121	12,000,664	0	0	0	0	0
Interest Expense/AFUDC Equity Add Back	36	4,055,345	891,354	0	1,647,866	2,539,220	224,997	0	210,352	435,349	0	0	0	0	0
Direct - Minot AFB Distribution System	Direct	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Taxable Income		2,622,672	(5,945,469)	(220,216)	5,113,442	(1,052,243)	(1,500,757)	(51,458)	2,020,122	467,907	0	0	0	0	0
Income Taxes	24.4049%	640,060	(1,450,986)	(53,743)	1,247,929	(256,800)	(366,258)	(12,558)	493,010	114,194	0	0	0	0	0
Full Normalization/ARAM	24	(667,307)	(145,540)	0	(269,064)	(414,604)	(36,737)	0	(34,346)	(71,083)	0	0	0	0	0
Total Income Taxes		(27,247)	(1,596,526)	(53,743)	978,865	(671,404)	(402,995)	(12,558)	458,664	43,111	0	0	0	0	0
Total Operating Expense		111,515,455	20,925,780	17,935,399	19,555,971	58,417,150	5,282,104	3,891,886	2,869,785	12,043,775	0	0	0	0	0
Operating Income:		6,705,264	(3,457,589)	(166,473)	5,782,443	2,158,381	(872,765)	(38,900)	1,771,810	860,145	0	0	0	0	0

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	Total North Dakota	Residential		Small Firm General	
		Demand	Energy	Demand	Energy
1 Dk Throughput Projected	25,761,347	0	8,619,479	0	2,014,211
	100.000000%	0.000000%	33.458960%	0.000000%	7.818733%
2 Peak Design Day @ Distribution	186,638	90,662	0	22,885	0
	100.000000%	48.576389%	0.000000%	12.261704%	0.000000%
3 Dk Sales Projected	18,879,154	0	8,619,479	0	2,014,211
	100.000000%	0.000000%	45.656065%	0.000000%	10.668969%
4 Average Customers	115,014	0	0	98,125	0
	100.000000%	0.000000%	0.000000%	85.315701%	0.000000%
5 Total Weighted Customers	155,541	0	0	98,125	0
	100.000000%	0.000000%	0.000000%	63.086260%	0.000000%
6 Average Res. & Firm General Cust.	114,828	0	0	98,125	0
	100.000000%	0.000000%	0.000000%	85.453896%	0.000000%
8 Average Customers @ Distribution	115,000	0	0	98,125	0
	100.000000%	0.000000%	0.000000%	85.326088%	0.000000%
Total Weighted Customers Excluding Large IT - Transmission Customers	155,203	0	0	98,125	0
	100.000000%	0.000000%	0.000000%	63.223650%	0.000000%
10 Residential & Firm General Propane Sales	50,826	0	21,374	0	13,787
	100.000000%	0.000000%	42.053280%	0.000000%	27.125880%
13 Distribution Mains excluding Heskett & AF Dist	123,332,095	41,320,365	0	31,105,985	0
	100.000000%	33.503335%	0.000000%	25.221321%	0.000000%
15 Distribution Plant excluding Heskett	244,085,931	46,664,958	0	110,786,315	0
	100.000000%	19.118250%	0.000000%	45.388242%	0.000000%
16 Meters & Regulators Excl AF Distribution	40,987,034	0	0	25,913,499	0
	100.000000%	0.000000%	0.000000%	63.223650%	0.000000%
17 Weighted Services	120,486	0	0	98,125	0
	100.000000%	0.000000%	0.000000%	81.440998%	0.000000%
18 Meas. & Reg. Sta. Eqpt.- General	3,045,873	897,415	0	675,573	0
	100.000000%	29.463310%	0.000000%	22.179946%	0.000000%

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	Total North Dakota	Large Firm General		Air Force Delivery	
		Demand	Energy	Demand	Energy
1 Dk Throughput Projected	25,761,347	0	6,505,434	0	432,975
	100.000000%	0.000000%	25.252694%	0.000000%	1.680716%
2 Peak Design Day @ Distribution	186,638	58,193	0	0	0
	100.000000%	31.179610%	0.000000%	0.000000%	0.000000%
3 Dk Sales Projected	18,879,154	0	6,505,434	0	432,975
	100.000000%	0.000000%	34.458292%	0.000000%	2.293403%
4 Average Customers	115,014	0	0	5,204	0
	100.000000%	0.000000%	0.000000%	4.524667%	0.000000%
5 Total Weighted Customers	155,541	0	0	37,989	0
	100.000000%	0.000000%	0.000000%	24.423785%	0.000000%
6 Average Res. & Firm General Cust.	114,828	0	0	5,204	0
	100.000000%	0.000000%	0.000000%	4.531996%	0.000000%
8 Average Customers @ Distribution	115,000	0	0	5,204	0
	100.000000%	0.000000%	0.000000%	4.525217%	0.000000%
Total Weighted Customers Excluding Large IT - Transmission Customers	155,203	0	0	37,989	0
	100.000000%	0.000000%	0.000000%	24.476975%	0.000000%
10 Residential & Firm General Propane Sales	50,826	0	15,665	0	0
	100.000000%	0.000000%	30.820840%	0.000000%	0.000000%
13 Distribution Mains excluding Heskett & AF Dist	123,332,095	26,522,203	0	1,649,687	0
	100.000000%	21.504705%	0.000000%	1.337597%	0.000000%
15 Distribution Plant excluding Heskett	244,085,931	30,004,512	0	16,270,736	0
	100.000000%	12.292602%	0.000000%	6.665987%	0.000000%
16 Meters & Regulators Excl AF Distribution	40,987,034	0	0	10,032,386	0
	100.000000%	0.000000%	0.000000%	24.476975%	0.000000%
17 Weighted Services	120,486	0	0	8,587	0
	100.000000%	0.000000%	0.000000%	7.126969%	0.000000%
18 Meas. & Reg. Sta. Eqpt.- General	3,045,873	607,656	0	49,387	0
	100.000000%	19.950142%	0.000000%	1.621440%	0.000000%

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	Total North Dakota	Small Interruptible			Large Interruptible		
		Demand	Energy	Customer	Demand	Energy	Customer
1 Dk Throughput Projected	25,761,347	0	1,759,109	0	0	6,430,139	0
	100.000000%	0.000000%	6.828482%	0.000000%	0.000000%	24.960415%	0.000000%
2 Peak Design Day @ Distribution	186,638	11,390	0	0	3,508	0	0
	100.000000%	6.102723%	0.000000%	0.000000%	1.879574%	0.000000%	0.000000%
3 Dk Sales Projected	18,879,154	0	744,025	0	0	563,030	0
	100.000000%	0.000000%	3.940987%	0.000000%	0.000000%	2.982284%	0.000000%
4 Average Customers	115,014	0	0	165	0	0	18
	100.000000%	0.000000%	0.000000%	0.143461%	0.000000%	0.000000%	0.015650%
5 Total Weighted Customers	155,541	0	0	4,950	0	0	553
	100.000000%	0.000000%	0.000000%	3.182441%	0.000000%	0.000000%	0.355533%
6 Average Res. & Firm General Cust.	114,828	0	0	0	0	0	0
	100.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%
8 Average Customers @ Distribution	115,000	0	0	165	0	0	7
	100.000000%	0.000000%	0.000000%	0.143478%	0.000000%	0.000000%	0.006087%
Total Weighted Customers Excluding Large IT - Transmission Customers	155,203	0	0	4,950	0	0	215
	100.000000%	0.000000%	0.000000%	3.189371%	0.000000%	0.000000%	0.138528%
10 Residential & Firm General Propane Sales	50,826	0	0	0	0	0	0
	100.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%
13 Distribution Mains excluding Heskett & AF Dist	123,332,095	5,191,138	0	52,306	2,868,630	0	546,426
	100.000000%	4.209073%	0.000000%	0.042411%	2.325940%	0.000000%	0.443053%
15 Distribution Plant excluding Heskett	244,085,931	6,174,260	0	1,857,774	3,519,192	0	807,361
	100.000000%	2.529544%	0.000000%	0.761115%	1.441784%	0.000000%	0.330769%
16 Meters & Regulators Excl AF Distribution	40,987,034	0	0	1,307,229	0	0	56,778
	100.000000%	0.000000%	0.000000%	3.189372%	0.000000%	0.000000%	0.138527%
17 Weighted Services	120,486	0	0	706	0	0	70
	100.000000%	0.000000%	0.000000%	0.585960%	0.000000%	0.000000%	0.058098%
18 Meas. & Reg. Sta. Eqpt.- General	3,045,873	168,092	0	24,857	232,422	0	84,776
	100.000000%	5.518681%	0.000000%	0.816088%	7.630719%	0.000000%	2.783307%

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
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	Total North Dakota	Minot Air Force Base Distribution		
		Demand	Energy	Customer
1 Dk Throughput Projected	25,761,347 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
2 Peak Design Day @ Distribution	186,638 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
3 Dk Sales Projected	18,879,154 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
4 Average Customers	115,014 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
5 Total Weighted Customers	155,541 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
6 Average Res. & Firm General Cust.	114,828 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
8 Average Customers @ Distribution	115,000 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
Total Weighted Customers Excluding 9 Large IT - Transmission Customers	155,203 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
10 Residential & Firm General Propane Sales	50,826 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
13 Distribution Mains excluding Heskett & AF Dist	123,332,095 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
15 Distribution Plant excluding Heskett	244,085,931 100.000000%	627,849 0.257225%	0 0.000000%	848,102 0.347460%
16 Meters & Regulators Excl AF Distribution	40,987,034 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%
17 Weighted Services	120,486 100.000000%	0 0.000000%	0 0.000000%	4 0.003320%
18 Meas. & Reg. Sta. Eqpt.- General	3,045,873 100.000000%	0 0.000000%	0 0.000000%	0 0.000000%

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
EMBEDDED CLASS COST OF SERVICE STUDY
ALLOCATION FACTOR REPORT
TWELVE MONTHS ENDED DECEMBER 31, 2021**

	Total North Dakota	Large Firm General		Air Force Delivery				
		Demand	Energy	Demand	Energy			
19 Meas. & Reg. Eqpt.- City Gate Excl Heskett	8,423,669	1,759,895	0	109,466	0	167,933	0	71,971
	100.000000%	20.892262%	0.000000%	1.299505%	0.000000%	1.993585%	0.000000%	0.854390%
20 Service Regulators	5,273,728	0	0	1,287,243	0	0	0	4,236
	100.000000%	0.000000%	0.000000%	24.408598%	0.000000%	0.000000%	0.000000%	0.080323%
21 Ind. Meas. & Reg. Sta. Eqpt. Excl Heskett	1,409,834	170,096	0	10,580	0	69,562	0	29,812
	100.000000%	12.064967%	0.000000%	0.750443%	0.000000%	4.934056%	0.000000%	2.114575%
22 Mains & Services Excl AF Distribution and Heskett	184,387,358	26,522,203	0	6,002,775	0	0	0	0
	100.000000%	14.383960%	0.000000%	3.255524%	0.000000%	0.000000%	0.000000%	0.000000%
23 Structures and Improvements	623,552	134,534	0	15,751	0	17,744	0	7,605
	100.000000%	21.575426%	0.000000%	2.526012%	0.000000%	2.845633%	0.000000%	1.219626%
24 Net Gas Plant in Service	201,120,987	28,195,486	0	11,861,528	0	225,527	0	122,254
	100.000000%	14.019167%	0.000000%	5.897708%	0.000000%	0.112135%	0.000000%	0.060786%
25 Total Gas Plant in Service	325,928,741	41,330,146	0	20,011,421	0	288,365	0	162,957
	100.000000%	12.680731%	0.000000%	6.139815%	0.000000%	0.088475%	0.000000%	0.049998%
26 Projected Operating Revenue	114,748,655	10,672,640	15,007,085	8,947,581	217,513	968,869	110,373	0.096187%
	100.000000%	9.300885%	13.078223%	7.797548%	0.189556%	0.844340%	0.096187%	
27 All Other Dist. Operation Exp. Excl AF Dist	3,860,022	391,624	8,012	375,718	7,386	533	4,150	0.107512%
	100.000000%	10.145642%	0.207564%	9.733571%	0.191346%	0.013808%	0.107512%	
28 All Other Dist. Maintenance Exp. Excl AF Dist	1,361,054	133,468	0	177,337	6,199	0	3,211	0.235920%
	100.000000%	9.806224%	0.000000%	13.029388%	0.455456%	0.000000%	0.235920%	
30 Distribution O&M	10,575,547	1,064,411	16,729	1,112,290	26,880	1,113	14,600	0.138054%
	100.000000%	10.064831%	0.158186%	10.517565%	0.254171%	0.010524%	0.138054%	
31 O&M Excl. Cost of Gas	23,968,702	2,053,389	161,304	2,361,228	51,855	10,735	28,635	0.119468%
	100.000000%	8.566959%	0.672978%	9.851297%	0.216345%	0.044788%	0.119468%	
36 Net Gas Plant in Service Excluding Minot AFB Distribution	199,568,860	28,195,486	0	11,861,528	225,527	0	122,254	0.061259%
	100.000000%	14.128199%	0.000000%	5.943577%	0.113007%	0.000000%	0.061259%	
37 Weighted Services Excluding Transmission Level Customers	120,439	0	0	8,587	0	0	0	0.000000%
	100.000000%	0.000000%	0.000000%	7.129750%	0.000000%	0.000000%	0.000000%	

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
EMBEDDED CLASS COST OF SERVICE STUDY
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	Total North Dakota	Small Interruptible			Large Interruptible		
		Demand	Energy	Customer	Demand	Energy	Customer
19 Meas. & Reg. Eqpt.- City Gate Excl Heskett	8,423,669	344,461	0	3,471	190,349	0	36,258
	100.000000%	4.089204%	0.000000%	0.041205%	2.259692%	0.000000%	0.430430%
20 Service Regulators	5,273,728	0	0	167,729	0	0	7,285
	100.000000%	0.000000%	0.000000%	3.180464%	0.000000%	0.000000%	0.138138%
21 Ind. Meas. & Reg. Sta. Eqpt. Excl Heskett	1,409,834	289,618	0	110,188	125,715	0	49,497
	100.000000%	20.542702%	0.000000%	7.815672%	8.917007%	0.000000%	3.510839%
22 Mains & Services Excl AF Distribution and Heskett	184,387,358	5,191,138	0	410,205	2,868,630	0	560,113
	100.000000%	2.815344%	0.000000%	0.222469%	1.555763%	0.000000%	0.303770%
23 Structures and Improvements	623,552	22,387	0	226	38,640	0	13,615
	100.000000%	3.590238%	0.000000%	0.036244%	6.196757%	0.000000%	2.183459%
24 Net Gas Plant in Service	201,120,987	5,954,878	0	1,439,673	4,262,566	0	1,124,481
	100.000000%	2.960844%	0.000000%	0.715824%	2.119404%	0.000000%	0.559107%
25 Total Gas Plant in Service	325,928,741	8,721,767	0	2,343,046	5,672,697	0	1,453,233
	100.000000%	2.675974%	0.000000%	0.718883%	1.740472%	0.000000%	0.445874%
26 Projected Operating Revenue	114,748,655	373,771	1,751,171	1,742,807	1,128,648	756,376	1,786,508
	100.000000%	0.325730%	1.526093%	1.518804%	0.983583%	0.659159%	1.556888%
27 All Other Dist. Operation Exp. Excl AF Dist	3,860,022	96,179	2,166	52,491	58,854	7,919	18,757
	100.000000%	2.491670%	0.056114%	1.359863%	1.524706%	0.205154%	0.485930%
28 All Other Dist. Maintenance Exp. Excl AF Dist	1,361,054	43,954	0	29,994	30,323	0	11,169
	100.000000%	3.229409%	0.000000%	2.203733%	2.227906%	0.000000%	0.820614%
30 Distribution O&M	10,575,547	282,066	4,523	165,043	178,937	16,535	59,809
	100.000000%	2.667153%	0.042768%	1.560610%	1.691988%	0.156351%	0.565540%
31 O&M Excl. Cost of Gas	23,968,702	544,143	23,483	356,668	345,193	43,066	122,106
	100.000000%	2.270223%	0.097974%	1.488057%	1.440182%	0.179676%	0.509439%
36 Net Gas Plant in Service Excluding Minot AFB Distribution	199,568,860	5,954,878	0	1,439,673	4,262,566	0	1,124,481
	100.000000%	2.983871%	0.000000%	0.721392%	2.135887%	0.000000%	0.563455%
37 Weighted Services Excluding Transmission Level Customers	120,439	0	0	706	0	0	27
	100.000000%	0.000000%	0.000000%	0.586189%	0.000000%	0.000000%	0.022418%

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
EMBEDDED CLASS COST OF SERVICE STUDY
ALLOCATION FACTOR REPORT
TWELVE MONTHS ENDED DECEMBER 31, 2021**

	Total North Dakota	Minot Air Force Base Distribution		
		Demand	Energy	Customer
19 Meas. & Reg. Eqpt.- City Gate Excl Heskett	8,423,669	0	0	0
20 Service Regulators	5,273,728	0	0	14,733
21 Ind. Meas. & Reg. Sta. Eqpt. Excl Heskett	1,409,834	0	0	0
22 Mains & Services Excl AF Distribution and Heskett	184,387,358	0	0	0
23 Structures and Improvements	623,552	0	0	0
24 Net Gas Plant in Service	201,120,987	732,386	0	819,741
25 Total Gas Plant in Service	325,928,741	839,581	0	1,013,994
26 Projected Operating Revenue	114,748,655	0	0	0
27 All Other Dist. Operation Exp. Excl AF Dist	3,860,022	0	0	0
28 All Other Dist. Maintenance Exp. Excl AF Dist	1,361,054	0	0	0
30 Distribution O&M	10,575,547	72	0	0
31 O&M Excl. Cost of Gas	23,968,702	139	0	0
36 Net Gas Plant in Service Excluding Minot AFB Distribution	199,568,860	0	0	0
37 Weighted Services Excluding Transmission Level Customers	120,439	0	0	0

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
EMBEDDED CLASS COST OF SERVICE STUDY
ALLOCATION FACTOR REPORT
TWELVE MONTHS ENDED DECEMBER 31, 2021**

	Total North Dakota	Large Firm General		Air Force Delivery		
		Demand	Energy	Demand	Energy	Customer
38 Distribution Plant Less Direct Assignment	261,701,809	34,816,025	0	16,551,039	0	33,011
	100.000000%	13.303701%	0.000000%	6.324388%	0.000000%	0.012614%
40 Distribution Mains Excluding Transmission Level Customer-Direct Assigned	121,518,073	26,522,203	0	1,649,687	0	0
	100.000000%	21.825727%	0.000000%	1.357565%	0.000000%	0.000000%
41 Net Gas Plant in Service Excl AF Distribution	199,568,860	28,195,486	0	11,861,528	225,527	0
	100.000000%	14.128199%	0.000000%	5.943577%	0.113007%	0.000000%
42 O&M Excl. AF Distribution and Cost of Gas	23,968,563	2,053,389	161,304	2,361,228	51,855	10,735
	100.000000%	8.567009%	0.672982%	9.851354%	0.216346%	0.044788%
43 Customer Records and Collections	1,415,492	0	0	67,986	0	143
	100.000000%	0.000000%	0.000000%	4.802978%	0.000000%	0.010098%

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
EMBEDDED CLASS COST OF SERVICE STUDY
ALLOCATION FACTOR REPORT
TWELVE MONTHS ENDED DECEMBER 31, 2021**

	Total North Dakota	Small Interruptible		Large Interruptible		
		Demand	Energy	Demand	Energy	Customer
38 Distribution Plant Less Direct Assignment	261,701,809	6,814,471	0	2,197,644	0	115,745
	100.000000%	2.603907%	0.000000%	0.839751%	0.000000%	0.044228%
40 Distribution Mains Excluding Transmission Level Customer-Direct Assigned	121,518,073	5,191,138	0	1,598,815	0	2,219
	100.000000%	4.271906%	0.000000%	1.315701%	0.000000%	0.001826%
41 Net Gas Plant in Service Excl AF Distribution	199,568,860	5,954,878	0	4,262,566	0	1,124,481
	100.000000%	2.983871%	0.000000%	2.135887%	0.000000%	0.563455%
42 O&M Excl. AF Distribution and Cost of Gas	23,968,563	544,143	23,483	345,193	43,066	122,106
	100.000000%	2.270236%	0.097974%	1.440191%	0.179677%	0.509442%
43 Customer Records and Collections	1,415,492	0	0	0	0	4,206
	100.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.297162%

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
EMBEDDED CLASS COST OF SERVICE STUDY
ALLOCATION FACTOR REPORT
TWELVE MONTHS ENDED DECEMBER 31, 2021**

	Total North Dakota	Minot Air Force Base Distribution		
		Demand	Energy	Customer
38 Distribution Plant Less Direct Assignment	261,701,809	0	0	0
	100.000000%	0.000000%	0.000000%	0.000000%
40 Distribution Mains Excluding Transmission Level Customer-Direct Assigned	121,518,073	0	0	0
	100.000000%	0.000000%	0.000000%	0.000000%
41 Net Gas Plant in Service Excl AF Distribution	199,568,860			
	100.000000%	0.000000%	0.000000%	0.000000%
42 O&M Excl. AF Distribution and Cost of Gas	23,968,563			
	100.000000%	0.000000%	0.000000%	0.000000%
43 Customer Records and Collections	1,415,492	0	0	0
	100.000000%	0.000000%	0.000000%	0.000000%

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Revenues Under Current and Proposed Rates
Projected 2021**

Customer Class/Rate	Projected 2021 @ Current Rates 1/		Proposed		
	Customers	Dk Revenue	Total Revenue	Revenue Increase	Percent Increase
Residential - Rate 60	96,225	8,467,441	\$65,059,182	\$7,231,646	12.5%
Residential Wahpeton - Rate 63	1,900	152,038	989,637	98,769	11.1%
Total Residential	98,125	8,619,479	66,048,819	7,330,415	12.5%
Firm General - Rate 70	16,276	8,378,483	47,877,974	1,437,485	3.1%
Firm General - Wahpeton - Rate 73	427	141,162	796,835	43,109	5.7%
Total Firm General	16,703	8,519,645	48,674,809	1,480,594	3.1%
Air Force - Rate 64					
Firm	1	36,425	162,807	3,606	2.3%
Interruptible	2	396,550	1,163,330	25,776	2.3%
Total Air Force	3	432,975	1,326,137	29,382	2.3%
Small Interruptible					
Sales - Rate 71	87	514,844	2,103,283		
Sales - Wahpeton - Rate 76	17	229,181	947,310		
Transport - Rate 81	61	1,015,084	817,156		
Total Small Interruptible	165	1,759,109	3,965,053	97,304	2.5%
Large Interruptible					
Sales - Rate 85	0	0			
Sales - Wahpeton - Rate 86	2	563,030	2,246,366		
Transport - Rate 82	16	5,867,109	1,425,167		
Total Large Interruptible	18	6,430,139	3,706,334	34,801	0.9%
Total North Dakota	115,014	25,761,347	\$123,721,152	\$8,972,496	7.8%

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Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Allocation of Revenues
Projected 2021

Rate Class	Billing Determinants 1/				Embedded COS Before Increase 2/			Increase Required @ Overall Return %			
	Customers	Dk	Distribution Revenues	Cost of Gas	Total Revenues	Operating Income	Rate Base	Rate Of Return	Operating Income	Revenues	Increase
Residential - Wahpeton	96,225	8,467,441	\$24,093,777	\$33,733,759	\$57,827,536						
Residential - Wahpeton	1,900	152,038	230,901	659,967	890,868						
Total Residential	98,125	8,619,479	24,324,678	34,393,726	58,718,404	\$2,158,380	\$116,495,576	1.853%	\$6,350,456	\$8,400,619	14.31%
Firm General											
Small	11,217	2,222,045	4,448,897	7,767,195	12,216,092						
Small Wahpeton	282	65,032	68,526	282,291	350,817						
Total Small Firm General	11,499	2,287,077	4,517,423	8,049,486	12,566,909	860,145	20,299,862	4.237%	622,557	\$823,541	6.55%
Large	5,059	6,156,438	8,875,137	25,349,260	34,224,397						
Large Wahpeton	145	76,130	72,444	330,465	402,909						
Total Large Firm General	5,204	6,232,568	8,947,581	25,679,725	34,627,306	2,109,188	35,536,204	5.935%	486,376	643,396	1.86%
Air Force											
Firm Interruptible	1	36,425	14,084	145,117	159,201						
Total Air Force	3	396,550	96,289	1,041,265	1,137,554	2,261	334,110	0.677%	22,143	29,292	2.26%
Small Interruptible											
Sales	87	514,844	745,639	1,357,644	2,103,283						
Sales - Wahpeton	17	229,181	180,012	767,298	947,310						
Transportation	61	1,015,084	817,156	0	817,156						
Total Small IT	165	1,759,109	1,742,807	2,124,942	3,867,749	409,494	5,960,196	6.870%	25,839	34,181	0.88%
Large Interruptible											
Sales	0	0	0	0	0						
Sales - Wahpeton	2	563,030	361,342	1,885,024	2,246,366						
Transportation	5	774,189	268,838		268,838						
@ Ceiling Rate	2	3,967,730	774,216		774,216						
@ Flex	9	1,125,190	382,113		382,113						
@ Flex - Wahpeton											
Total Large IT	18	6,430,139	1,786,509	1,885,024	3,671,533	877,158	4,551,805	19.271%	(544,694)	(720,541)	-19.63%
MAFB Distribution 3/											
Total North Dakota	115,014	25,761,347	\$41,429,371	\$73,319,285	\$114,748,656	\$6,705,264	\$184,665,625	3.631%	\$6,782,713	\$8,972,425	7.82%

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Allocation of Revenues
Projected 2021**

RATE CLASS	Target Rate Design		Rate Design Results			
	Increase In Revenue	% Increase	Total Revenues	Increase In Revenue	% Incr	Rate Of Return
Residential	\$7,232,601	12.51%	\$65,059,182	\$7,231,646	12.51%	
Residential - Wahpeton	111,423	12.51%	989,637	98,769	11.09%	
Total Residential	7,344,024	12.51%	\$66,048,819	7,330,415	12.48%	6.545%
Firm General						
Small	800,551	6.55%	13,015,794	799,702	6.55%	
Small Wahpeton	22,990	6.55%	374,877	24,060	0.19%	
Total Small Firm General	823,541	6.55%	13,390,671	823,762	2.38%	7.305%
Large	635,910	1.86%	34,862,180	637,783	1.86%	
Large Wahpeton	7,486	1.86%	421,958	19,049	4.73%	
Total Large Firm General	643,396	1.86%	35,284,138	656,832	1.90%	7.333%
Air Force						
Firm	3,596	2.26%	162,807	3,606	2.27%	
Interruptible	25,696	2.26%	1,163,330	25,776	2.27%	
Total Air Force	29,292	2.26%	1,326,137	29,382	2.27%	7.325%
Small Interruptible						
Sales	41,531		2,113,697	10,414		
Sales - Wahpeton	10,026		957,569	10,259		
Transportation	45,514		893,787	76,631		
Total Small IT	97,071	2.51%	3,965,053	97,304	2.52%	8.105%
Large Interruptible						
Sales						
Sales - Wahpeton	20,126	0.90%	2,266,574	20,208		
Transportation						
@ Ceiling Rate	14,974	5.57%	281,031	12,193		
@ Flex			776,616	2,400		
@ Flex - Wahpeton			382,113	0		
Total Large IT	35,100	0.96%	3,706,334	34,801	0.95%	19.849%
MAFB Distribution	0	-				
Total North Dakota	\$8,972,424	7.82%	\$123,721,152	\$8,972,496	7.82%	7.304%

12.5072%	Increase in Revenue	Requested Return on Rate Base	7.304% 4/
6.5533%	Increase in Revenue	Proposed Increase	8,972,424 4/
1.8581%	Increase in Revenue	% Increase (Excl Flex)	7.872478%
		% Increase of Tax Rate	75.5951%
		% Increase in Distribution (Excl Flex)	22.279%
		Minimum @ 25% of Distribution Increase	5.570%

Minimum of 25% System Avg Distribution Increase			
Residential	\$7,344,024		
Firm General Small @ COS	823,541		
Firm General Large @ COS	643,396		
Air Force Firm @ COS	3,596		
Air Force Interruptible @ COS	25,696		
Small Interruptible	97,071		
Large Interruptible	35,100		

1/ Statement F, Schedule F-1, Pages 1-2.
2/ Statement K, Schedule K-1.
3/ Recorded as Other Revenues
4/ Statement A, Page 1.

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Residential Gas Service - Rates 60 & 90
Projected 2021**

<u>Residential Rates</u>	Billing Units		Current		Proposed	
			Rate	Amount	Rate	Amount
Basic Service Charge (60)	95,952	Customers	\$0.6860	\$24,025,421	\$0.8919	\$31,236,550
Basic Service Charge (90)	273	Customers	\$0.6860	68,356	\$0.8919	88,873
	<u>96,225</u>			<u>24,093,777</u>		<u>31,325,423</u>
Distribution Delivery Charge	8,467,441	dk	\$0.000	0	\$0.000	0
Cost of Gas (60)	8,450,493	dk	\$3.984	33,666,764	\$3.984	33,666,764
Cost of Gas (90)	16,948	dk	\$3.953	66,995	\$3.953	66,995
	<u>8,467,441</u>			<u>\$33,733,759</u>		<u>\$33,733,759</u>
Total Revenue Rates 60 & 90				<u>\$57,827,536</u>		<u>\$65,059,182</u>

Total Distribution Revenues Per Design	\$31,325,423
Target Distribution Revenues	<u>31,326,378</u>
Difference	<u>(\$955)</u>

Derivation of Rates

Current Non-Gas Revenues	\$24,093,777
Proposed Revenue Increase	<u>7,232,601</u>
Total Revenue Requirement	<u>\$31,326,378</u>

Projected Customers 96,225

Basic Service Charge per customer \$326

Basic Service Charge per day \$0.8919

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Air Force Firm Service - Rate 64
Projected 2021**

<u>Air Force Rate 64 - Firm</u>	<u>Billing Units</u>	<u>Current</u>		<u>Proposed</u>	
		<u>Rate</u>	<u>Amount</u>	<u>Rate</u>	<u>Amount</u>
Basic Service Charge	1 Customer	\$175.00	\$2,100	\$175.00	\$2,100
Distribution Delivery Charge	36,425 dk	\$0.329	11,984	\$0.428	15,590
Cost of Gas	36,425 dk	\$3.984	<u>145,117</u>	\$3.984	<u>145,117</u>
Total Revenue Rate 64			<u>\$159,201</u>		<u>\$162,807</u>

Total Distribution Revenues Per Design	\$17,690
Target Distribution Revenues	<u>17,680</u>
Difference	<u>\$10</u>

Derivation of Rates

Air Force Firm Revenue Requirement	\$14,084
Proposed Revenue Increase	<u>3,596</u>
Total Revenue Requirement	17,680
Less: Proposed Basic Service Charge Revenues	<u>2,100</u>
Remaining Revenues To Be Collected	\$15,580

Total Rate 64 Firm Consumption 36,425

Non-Gas Commodity Charge \$0.428

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Air Force Interruptible Service - Rate 64
Projected 2021

Air Force Rate 64 - Interruptible	Billing Units	Current		Proposed	
		Rate	Amount	Rate	Amount
Basic Service Charge					
Minot Air Force Base	1 Customer	\$2,000.00	\$24,000	\$2,000.00	\$24,000
PAR Site	1 Customer	\$175.00	2,100	\$175.00	2,100
	<u>2</u>		<u>26,100</u>		<u>26,100</u>
Distribution Delivery Charge	396,550 dk	\$0.177	70,189	\$0.242	95,965
Cost of Gas					
Minot Air Force Base	369,780 dk	\$2.625	970,673	\$2.625	970,673
PAR Site	26,770 dk	\$2.637	70,592	\$2.637	70,592
	<u>396,550</u>		<u>1,041,265</u>		
Total Revenue			<u>\$1,137,554</u>		<u>\$1,163,330</u>
Total Distribution Revenues Per Design			\$122,065		
Target Distribution Revenue			<u>121,985</u>		
Difference			<u>\$80</u>		

Derivation of Rates

Air Force Interruptible Revenue Requirement	\$96,289
Proposed Revenue Increase	<u>25,696</u>
Total Revenue Requirement	121,985
Less: Base Service Charge Revenues	<u>26,100</u>
Remaining Revenues To Be Collected	\$95,885
Total Rate 64 IT Consumption	396,550
Non-Gas Commodity Charge	\$0.242

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Firm General Gas Service - Rates 70, 72, 74, & 92
Projected 2021

Derivation of Rates

	Small	Large
Current Non-Gas Revenues	\$4,448,897	\$8,875,137
Proposed Revenue Increase	800,551	635,910
Total Revenue Requirement	5,249,448	9,511,047
Less Basic Service Charge Revenue	3,070,654	3,933,119
Less Rate 74 Distribution Demand Revenues	2,688	119,040
Remaining Revenues To Be Collected	\$2,176,106	\$5,458,888
Total Rates 70, 72 and 92 Consumption	1,949,155	6,156,438
Distribution Delivery Charge	\$1.116	\$0.887

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Small Interruptible Service - Rates 71 & 81
Projected 2021**

Small Interruptible Service Rates 71 & 81	Billing Units	Current		Proposed	
		Rate	Amount	Rate	Amount
Basic Service Charge					
Rate 71 Sales	87 Customers	\$190.00	\$198,360	\$450.00	\$469,800
Rate 81 Transport	61 Customers	190.00	139,080	\$450.00	329,400
	<u>148</u>		<u>337,440</u>		<u>799,200</u>
Distribution Delivery Charge					
Rate 71 Sales	514,844 dk	\$1.063	547,279	\$0.556	286,253
Rate 81 Transport	1,015,084 dk	\$0.668	678,076	\$0.556	564,387
Cost of Gas	514,844 dk	\$2.637	<u>1,357,644</u>	\$2.637	<u>1,357,644</u>
Sales			\$2,103,283		\$2,113,697
Transport			<u>817,156</u>		<u>893,787</u>
Total Revenue			<u><u>\$2,920,439</u></u>		<u><u>\$3,007,484</u></u>

Total Small Interruptible Revenues	\$1,649,840
Target Revenues	<u>1,649,840</u>
Difference	<u><u>\$0</u></u>

Derivation of Rates

Current Non-Gas Revenues	\$1,562,795
Less: Flexed Contracts	0
Proposed Revenue Increase	<u>87,045</u>
Proposed Revenue Requirement	1,649,840
Less Basic Service Charge	<u>799,200</u>
Remaining Revenues To Be Collected	\$850,640
Total Throughput Rates 71 (excluding flex contracts)	1,529,928
Distribution Delivery Charge	\$0.556

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Large Interruptible Service - Rates 82 & 85
(Excluding Flexed Contracts)
Projected 2021**

Large Interruptible Service Rates 85 & 82	Billing Units	Current		Proposed	
		Rate	Amount	Rate	Amount
Basic Service Charge					
Rate 85 Sales	0 Customers	\$1,500.00	\$0	\$1,600.00	\$0
Rate 82 Transport	5 Customers	1,500.00	90,000	1,600.00	96,000
			90,000		96,000
Distribution Delivery Charge					
Rate 85 Sales	0 dk	\$0.718	0	\$0.239	0
Rate 82 Transport	774,189 dk	\$0.231	178,838	\$0.239	185,031
Cost of Gas	0 dk	\$2.637	0	\$2.637	0
Sales			\$0		\$0
Transport			268,838		281,031
Total Revenue			\$268,838		\$281,031

Total Large Interruptible Revenues	\$281,031
Target Distribution Revenue	281,412
Difference	<u><u>(\$381)</u></u>

Derivation of Rates

Current Non-Gas Revenues	\$1,043,054
Less: Flexed Contracts	(776,616)
Proposed Revenue Increase	14,974
Total Revenue Requirement	\$281,412
Less: Basic Service Charge Revenues	96,000
Total Revenue Requirement	\$185,412
Rate 82 Throughput (excluding Flexed Volumes) 1/	774,189
Distribution Delivery Charge	\$0.239

	Large IT Service		
	Sales Rate 85	Transport Rate 82	Total Large IT
Basic Service Charge Revenues			\$134,400
Distribution Revenues @ Ceiling Rate			185,031
Transportation Distribution Revenues - Flexed			738,216
Total Large Interruptible Revenues Per Design			\$1,057,647
Total Large Interruptible Target Revenues			1,058,028
Difference			<u><u>(\$381)</u></u>

Flexed Contracts						
Customer ID	BSC Rev @			Rate	Dist Rev	Total Rev
	Customers	Proposed	Dk			
1	1	\$19,200	419,163	\$0.068	\$28,503	\$47,703
2	1	19,200	3,548,567	\$0.200	709,713	728,913
Total Flexed Contracts	2	\$38,400	3,967,730		\$738,216	\$776,616

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Firm Gas Service - GPNG Rate 65
Projected 2021

Wahpeton Firm Rates	Billing Units	Current		Proposed - Phase 1		Proposed - Phase 2		
		Rate	Amount	Rate	Amount	Rate	Amount	
Basic Service Charge								
Residential (MDU Rate 63)	1,900 Customers	\$3.50	\$79,800	\$0.250	\$173,375	\$0.333	\$230,936	
Firm General (MDU Rate 73)								
Small < 500 CFH	282 Customers	\$3.50	11,844	\$0.250	25,733	\$0.500	51,465	
Large > 500 CFH	145 Customers	\$3.50	6,090	\$0.250	13,231	\$1.000	52,925	
	2,327		97,734		212,339		335,326	
Distribution Delivery Charge								
Residential (MDU Rate 63)	104,506 dk	\$1.0720	112,030					
First 10 Dk	47,532 dk	\$0.8220	39,071					
Over 10 Dk	152,038		151,101	\$1.028	156,295	\$0.649	98,673	
Firm General (MDU Rate 73)- Small								
First 10 Dk	12,900 dk	\$1.0720	13,829					
Over 10 Dk	52,132 dk	\$0.8220	42,853	\$1.028	66,853	\$0.632	41,100	
	65,032		56,682					
Firm General (MDU Rate 73)- Large								
First 10 Dk	15,101 dk	\$1.0720	16,188					
Over 10 Dk	61,029 dk	\$0.8220	50,166	\$1.028	78,262	\$0.507	38,598	
	76,130		66,354					
Cost of Gas (Residential)	152,038 dk	\$4.3408	659,967	\$4.3408	659,967	\$4.3408	659,967	
Cost of Gas (Firm General Small)	65,032 dk	\$4.3408	282,291	\$4.3408	282,291	\$4.3408	282,291	
Cost of Gas (Firm General Large)	76,130 dk	\$4.3408	330,465	\$4.3408	330,465	\$4.3408	330,465	
	293,200		1,272,723		1,272,723		1,272,723	
Residential			\$890,868		\$989,637		\$989,576	
Firm General Small			350,817		374,877		374,856	
Firm General Large			402,909		421,958		421,988	
Total Revenue GPNG Firm Rate 65			\$1,644,594		\$1,786,472		\$1,786,420	
Total Distribution Revenues Per Design		Phase 1		Phase 2				
Target Distribution Revenues	Residential Firm-Small	Firm - Small	Firm - Large	Total	Residential Firm-Small	Firm - Small	Firm - Large	Total
Difference	\$329,670	\$92,586	\$91,493	\$513,749	\$329,609	\$92,565	\$91,523	\$422,174
	342,324	91,516	79,930	513,770	329,670	92,586	91,493	422,256
	(\$12,654)	\$1,070	\$11,563	(\$21)	(\$61)	(\$21)	\$30	(\$82)

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Firm Gas Service - GPNG Rate 65
Projected 2021

Derivation of Rates	Phase 1			Phase 2				
	Residential	Firm-Small	Firm - Large	Total	Residential	Firm-Small	Firm - Large	Total
Current Non-Gas Revenues	\$230,901	\$68,526	\$72,444	\$371,871	\$329,670	\$92,586	\$91,493	\$513,749
Proposed Revenue Increase	111,423	22,990	7,486	141,899	0	0	0	0
Total Revenue Requirement	\$342,324	\$91,516	\$79,930	\$513,770	\$329,670	\$92,586	\$91,493	\$513,749
Less Basic Service Charge Revenue	173,375	25,733	13,231	212,339	230,936	51,465	52,925	335,326
Remaining Revenues To Be Collected	168,949	65,783	66,699	301,431	98,734	41,121	38,568	178,423
Total Wahpeton Firm Consumption	152,038	65,032	76,130	293,200	152,038	65,032	76,130	293,200
Distribution Delivery Charge	\$1.111	\$1.012	\$0.876	\$1.028	\$0.649	\$0.632	\$0.507	\$0.609

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Interruptible Gas Service - GPNG Rate 71
Projected 2021

Derivation of Rates	Phase 1			Phase 2		
	Small	Large	Total	Small	Large	Total
Current Non-Gas Revenues	\$180,012	\$361,342	\$541,354	\$190,271	\$381,550	\$571,821
Less: Flexed Contracts	0	0	0	0	0	0
Proposed Revenue Increase	10,026	20,126	30,152	190,271	381,550	571,821
Proposed Revenue Requirement	190,038	381,468	571,506	51,000	12,000	63,000
Less Basic Service Charge	36,720	4,320	41,040	\$139,271	\$369,550	\$508,821
Remaining Revenues To Be Collected	\$153,318	\$377,148	\$530,466			
Total Throughput Rates 71 (excluding flex contracts)	229,181	563,030	792,211	229,181	563,030	792,211
Distribution Delivery Charge - Sales	\$0.669	\$0.670	\$0.670	\$0.608	\$0.656	\$0.642
Small Interruptible Designed Revenues	\$36,720	\$4,320	\$41,040	\$51,000	\$12,000	\$63,000
Basic Service Revenues	153,551	377,230	530,781	139,342	369,348	508,690
Commodity Revenues	767,298	1,885,024	2,652,322	767,298	1,885,024	2,652,322
Cost of Gas	\$957,569	\$2,266,574	\$3,224,143	\$957,640	\$2,266,372	\$3,224,012
Total Revenues per Design						
Total Small Interruptible Target Revenues			3,223,828			3,224,143
Difference			\$315			(\$131)

**Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Transportation Service - Rate 80 (Contract)
Projected 2021**

<u>Transportation Service Rate 80 - Contract</u>	<u>Billing Units</u>	<u>Current</u>		<u>Proposed</u>	
		<u>Rate</u>	<u>Amount</u>	<u>Rate</u>	<u>Amount</u>
Basic Service Charge	9 Customers	\$100.00	\$10,800	\$100.00	\$10,800
Distribution Delivery Charge	1,125,190 dk	\$0.330	371,313	\$0.330	371,313
Total Revenue			<u>\$382,113</u>		<u>\$382,113</u>
Total Large Interruptible Revenues			\$382,113		
Target Distribution Revenue			<u>382,113</u>		
Difference			<u>\$0</u>		

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Residential Gas Service Rate 60

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	2	2	0.0	< than (00%)	0	0	-
\$0 to \$25	4	6	4.4	0% to 5%	364	364	33.7
\$25 to \$50	64	70	6.1	5% to 10%	18,195	18,559	13.6
\$50 to \$75	24,120	24,190	8.0	10% to 15%	50,700	69,259	7.6
\$75 to \$100	60,944	85,134	8.4	15% to 20%	12,871	82,130	4.2
\$100 to \$125	0	85,134	-	20% to 25%	1,997	84,127	1.9
\$125 to \$150	0	85,134	-	25% to 30%	752	84,879	0.5
> than \$150	0	85,134	-	30% to 35%	253	85,132	0.0
				> than 35%	0	85,132	-

Current Rates

BSC (per Day)	\$ 0.6860
Distribution Charge	\$ -
Cost of Gas	\$ 3.9840

Proposed Rates

BSC (per Day)	\$ 0.8919
Distribution Charge	\$ -
Cost of Gas	\$ 3.9840

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Residential Propane Service Rate 90

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	0	0	-	0% to 5%	0	0	-
\$25 to \$50	0	0	-	5% to 10%	21	21	13.1
\$50 to \$75	13	13	5.4	10% to 15%	124	145	7.3
\$75 to \$100	234	247	6.2	15% to 20%	73	218	4.2
\$100 to \$125	0	247	-	20% to 25%	16	234	1.8
\$125 to \$150	0	247	-	25% to 30%	7	241	0.5
> than \$150	0	247	-	30% to 35%	6	247	0.0
				> than 35%	0	247	-

Current Rates

BSC (per Day)	\$ 0.6860
Distribution Charge	\$ -
Cost of Gas	\$ 3.9530

Proposed Rates

BSC (per Day)	\$ 0.8919
Distribution Charge	\$ -
Cost of Gas	\$ 3.9530

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Firm General Gas Service Rate 70 - Small

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	1	1	0.0	< than (00%)	0	0	-
\$0 to \$25	824	825	0.8	0% to 5%	0	0	-
\$25 to \$50	2,880	3,705	5.4	5% to 10%	10,113	10,113	16.3
\$50 to \$75	2,336	6,041	11.9	10% to 15%	0	10,113	-
\$75 to \$100	1,543	7,584	18.7	15% to 20%	0	10,113	-
\$100 to \$125	964	8,548	25.6	20% to 25%	0	10,113	-
\$125 to \$150	651	9,199	32.5	25% to 30%	0	10,113	-
> than \$150	914	10,113	50.6	30% to 35%	0	10,113	-
				> than 35%	0	10,113	-

Current Rates

BSC (per Day)	\$	0.70
Distribution Charge	\$	0.8110
Cost of Gas	\$	3.9840

Proposed Rates

BSC (per Day)	\$	0.75
Distribution Charge	\$	1.1160
Cost of Gas	\$	3.9840

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Firm General Gas Service Rate 70 - Large

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	5	5	0.3	0% to 5%	4,530	4,530	111.5
\$25 to \$50	545	550	12.3	5% to 10%	0	4,530	-
\$50 to \$75	1,155	1,705	37.0	10% to 15%	0	4,530	-
\$75 to \$100	928	2,633	63.4	15% to 20%	0	4,530	-
\$100 to \$125	563	3,196	90.2	20% to 25%	0	4,530	-
\$125 to \$150	357	3,553	117.7	25% to 30%	0	4,530	-
> than \$150	978	4,531	311.1	30% to 35%	0	4,530	-
				> than 35%	0	4,530	-

Current Rates

BSC (per Day)	\$	2.05
Distribution Charge	\$	0.8110
Cost of Gas	\$	3.9840

Proposed Rates

BSC (per Day)	\$	2.13
Distribution Charge	\$	0.8870
Cost of Gas	\$	3.9840

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Seasonal Gas Service Rate 72 - Small

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	2	2	0.0	0% to 5%	0	0	-
\$25 to \$50	0	2	-	5% to 10%	5	5	17.1
\$50 to \$75	1	3	12.2	10% to 15%	0	5	-
\$75 to \$100	1	4	21.2	15% to 20%	0	5	-
\$100 to \$125	0	4	-	20% to 25%	0	5	-
\$125 to \$150	0	4	-	25% to 30%	0	5	-
> than \$150	1	5	51.9	30% to 35%	0	5	-
				> than 35%	0	5	-

Current Rates

BSC (per Day)	\$	0.70
Distribution Charge	\$	0.8110
Cost of Gas	\$	2.5020

Proposed Rates

BSC (per Day)	\$	0.75
Distribution Charge	\$	1.1160
Cost of Gas	\$	2.5020

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Firm General Gas Service Rate 72 - Large

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	0	0	-	0% to 5%	11	11	93.6
\$25 to \$50	2	2	11.1	5% to 10%	0	11	-
\$50 to \$75	3	5	35.7	10% to 15%	0	11	-
\$75 to \$100	3	8	64.5	15% to 20%	0	11	-
\$100 to \$125	2	10	84.2	20% to 25%	0	11	-
\$125 to \$150	0	10	-	25% to 30%	0	11	-
> than \$150	1	11	538.5	30% to 35%	0	11	-
				> than 35%	0	11	-

Current Rates

BSC (per Day)	\$	2.05
Distribution Charge	\$	0.8110
Cost of Gas	\$	2.5020

Proposed Rates

BSC (per Day)	\$	2.13
Distribution Charge	\$	0.8870
Cost of Gas	\$	2.5020

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Firm General Propane Service Rate 92 - Small

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	4	4	0.3	0% to 5%	0	0	-
\$25 to \$50	20	24	5.7	5% to 10%	66	66	17.3
\$50 to \$75	13	37	11.4	10% to 15%	0	66	-
\$75 to \$100	13	50	18.1	15% to 20%	0	66	-
\$100 to \$125	5	55	25.3	20% to 25%	0	66	-
\$125 to \$150	4	59	30.1	25% to 30%	0	66	-
> than \$150	7	66	56.2	30% to 35%	0	66	-
				> than 35%	0	66	-

Current Rates

BSC (per Day)	\$ 0.70
Distribution Charge	\$ 0.8110
Cost of Gas	\$ 3.9530

Proposed Rates

BSC (per Day)	\$ 0.75
Distribution Charge	\$ 1.1160
Cost of Gas	\$ 3.9530

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Firm General Propane Service Rate 92 - Large

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$75	0	0	-	0% to 5%	7	7	184.1
\$75 to \$150	5	5	98.7	5% to 10%	0	7	-
\$150 to \$225	0	5	-	10% to 15%	0	7	-
\$225 to \$300	0	5	-	15% to 20%	0	7	-
\$300 to \$375	1	6	364.4	20% to 25%	0	7	-
\$375 to \$450	1	7	431.1	25% to 30%	0	7	-
> than \$450	0	7	-	30% to 35%	0	7	-
				> than 35%	0	7	-

Current Rates

BSC (per Day)	\$	2.05
Distribution Charge	\$	0.8110
Cost of Gas	\$	3.9530

Proposed Rates

BSC (per Day)	\$	2.13
Distribution Charge	\$	0.8870
Cost of Gas	\$	3.9530

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Wahpeton Residential GPNG ND Rate 65
Phase I**

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	4	4	5.7	0% to 5%	15	15	47.1
\$25 to \$50	967	971	5.0	5% to 10%	762	777	10.2
\$50 to \$75	695	1,666	10.0	10% to 15%	652	1,429	5.7
\$75 to \$100	14	1,680	23.4	15% to 20%	124	1,553	3.7
\$100 to \$125	3	1,683	31.6	20% to 25%	42	1,595	2.7
\$125 to \$150	5	1,688	46.0	25% to 30%	21	1,616	2.1
> than \$150	6	1,694	67.9	30% to 35%	10	1,626	1.6
				> than 35%	68	1,694	0.6

Current Rates

BSC (per Month)	\$	3.50
Dist. Charge <= 10Dk	\$	1.0720
Dist. Charge > 10Dk	\$	0.8220
Cost of Gas	\$	4.3408

Proposed Rates - Phase I

BSC (per Day)	\$	0.25
Distribution Charge	\$	1.0280
Cost of Gas	\$	4.3408

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Wahpeton Residential GPNG ND Rate 65 to MDU Rate 63
Phase II

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total	Average	Range	Customers	Total	Average
		Customers	Monthly Use			Customers	Monthly Use
< than (\$0)	882	882	10.5	< than (00%)	880	880	10.5
\$0 to \$25	758	1,640	4.8	0% to 5%	657	1,537	5.2
\$25 to \$50	54	1,694	0.4	5% to 10%	71	1,608	2.7
\$50 to \$75	0	1,694	-	10% to 15%	31	1,639	1.5
\$75 to \$100	0	1,694	-	15% to 20%	18	1,657	0.9
\$100 to \$125	0	1,694	-	20% to 25%	9	1,666	0.6
\$125 to \$150	0	1,694	-	25% to 30%	6	1,672	0.2
> than \$150	0	1,694	-	30% to 35%	22	1,694	0.0
				> than 35%	0	1,694	-

Proposed Rates - Phase I

BSC (per Day)	\$	0.25
Distribution Charge	\$	1.0280
Cost of Gas	\$	4.3408

Proposed Rates - Phase II

BSC (per Day)	\$	0.333
Distribution Charge	\$	0.6490
Cost of Gas	\$	4.3408

**MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Wahpeton Small General GPNG ND Rate 65
Phase I**

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	0	0	-	0% to 5%	23	23	119.0
\$25 to \$50	95	95	3.6	5% to 10%	135	158	15.8
\$50 to \$75	106	201	11.3	10% to 15%	46	204	5.7
\$75 to \$100	31	232	22.4	15% to 20%	18	222	3.7
\$100 to \$125	17	249	34.5	20% to 30%	16	238	2.4
\$125 to \$150	6	255	45.5	30% to 40%	4	242	1.5
> than \$150	8	263	257.2	40% to 50%	5	247	1.1
				> than 50%	16	263	0.2

Current Rates

BSC (per Month)	\$	3.50
Dist. Charge <= 10Dk	\$	1.0720
Dist. Charge > 10Dk	\$	0.8220
Cost of Gas	\$	4.3408

Proposed Rates - Phase I

BSC (per Day)	\$	0.25
Distribution Charge	\$	1.0280
Cost of Gas	\$	4.3408

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Wahpeton Small General GPNG ND Rate 65 to MDU Rate 73
Phase II

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	61	61	59.0	< than (00%)	61	61	59.0
\$0 to \$25	28	89	15.8	0% to 5%	58	119	13.9
\$25 to \$50	60	149	11.0	5% to 10%	38	157	9.5
\$50 to \$75	67	216	5.7	10% to 15%	29	186	6.3
\$75 to \$100	47	263	1.6	15% to 20%	20	206	4.8
\$100 to \$125	0	263	-	20% to 30%	21	227	3.4
\$125 to \$150	0	263	-	30% to 40%	11	238	2.2
> than \$150	0	263	-	40% to 50%	4	242	1.5
				> than 50%	21	263	0.4

Proposed Rates - Phase I

BSC (per Day)	\$	0.25
Distribution Charge	\$	1.0280
Cost of Gas	\$	4.3408

Proposed Rates - Phase II

BSC (per Day)	\$	0.50
Distribution Charge	\$	0.6320
Cost of Gas	\$	4.3408

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Wahpeton Large General GPNG ND Rate 65
Phase I

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total Customers	Average Monthly Use	Range	Customers	Total Customers	Average Monthly Use
< than (\$0)	0	0	-	< than (00%)	0	0	-
\$0 to \$25	0	0	-	0% to 5%	81	81	69.2
\$25 to \$50	11	11	2.9	5% to 10%	39	120	23.5
\$50 to \$75	20	31	14.2	10% to 15%	6	126	6.0
\$75 to \$100	15	46	23.1	15% to 20%	2	128	3.5
\$100 to \$125	13	59	37.1	20% to 30%	2	130	2.2
\$125 to \$150	21	80	44.9	30% to 40%	2	132	1.4
> than \$150	54	134	82.2	40% to 50%	1	133	1.0
				> than 50%	1	134	0.7

Current Rates

BSC (per Month)	\$	3.50
Dist. Charge <= 10Dk	\$	1.0720
Dist. Charge > 10Dk	\$	0.8220
Cost of Gas	\$	4.3408

Proposed Rates - Phase I

BSC (per Day)	\$	0.25
Distribution Charge	\$	1.0280
Cost of Gas	\$	4.3408

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - NORTH DAKOTA
Bill Comparison Annual Effects
Wahpeton Large General GPNG ND Rate 65 to MDU Rate 73
Phase II

Overall Annual Effect in Dollars				Overall Annual Effect by Percent			
Range	Customers	Total	Average	Range	Customers	Total	Average
		Customers	Monthly Use			Customers	Monthly Use
< than (\$0)	67	67	75.5	< than (00%)	67	67	75.5
\$0 to \$25	10	77	41.4	0% to 5%	22	89	38.3
\$25 to \$50	5	82	38.9	5% to 10%	11	100	24.2
\$50 to \$75	6	88	33.8	10% to 15%	9	109	18.9
\$75 to \$100	3	91	28.2	15% to 20%	7	116	14.8
\$100 to \$125	3	94	25.9	20% to 30%	2	118	11.8
\$125 to \$150	11	105	21.3	30% to 40%	2	120	8.6
> than \$150	29	134	9.2	40% to 50%	2	122	7.0
				> than 50%	12	134	3.1

Proposed Rates - Phase I

BSC (per Day)	\$	0.25
Distribution Charge	\$	1.0280
Cost of Gas	\$	4.3408

Proposed Rates - Phase II

BSC (per Day)	\$	1.00
Distribution Charge	\$	0.5070
Cost of Gas	\$	4.3408