

STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION

Montana-Dakota Utilities Co. 2020)
Natural Gas Rate Increase Application) Case No. PU-20-379

STATE OF NORTH DAKOTA)
COUNTY OF BURLEIGH) ss.

AFFIDAVIT OF SERVICE

I hereby certify that an original and seven (7) copies of AARP's Exhibits #5 and #6 were hand delivered/mailed and e-mailed to the following on this 24th day of March, 2021:

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David A. Tschider

Subscribed and sworn to before me this 24th day of March, 2021 by David A. Tschider.

DAVID TSCHIDER
Notary Public
State of North Dakota
My Commission Expires March 25, 2021



Virginia Swanson, Notary Public

Parity ratio under AARP cost-of-service study (13% customer)
Under MDU's originally proposed revenue requirement

	<u>Revenue to cost ratio</u>	<u>Parity ratio</u>	<u>AARP proposed settlement (13%)</u>
Total North Dakota	0.82		
Residential	0.78	95.1%	98.1%
Small Firm	0.83	101.2%	103.1%
Large Firm	0.83	101.2%	102.3%
Air Force Delivery	0.79	96.3%	98.9%
Small Interruptible	0.85	103.7%	104.4%
Large Interruptible	1.55	189.0%	103.7%

From AARP Exh. 1, SJR-2, p. 1



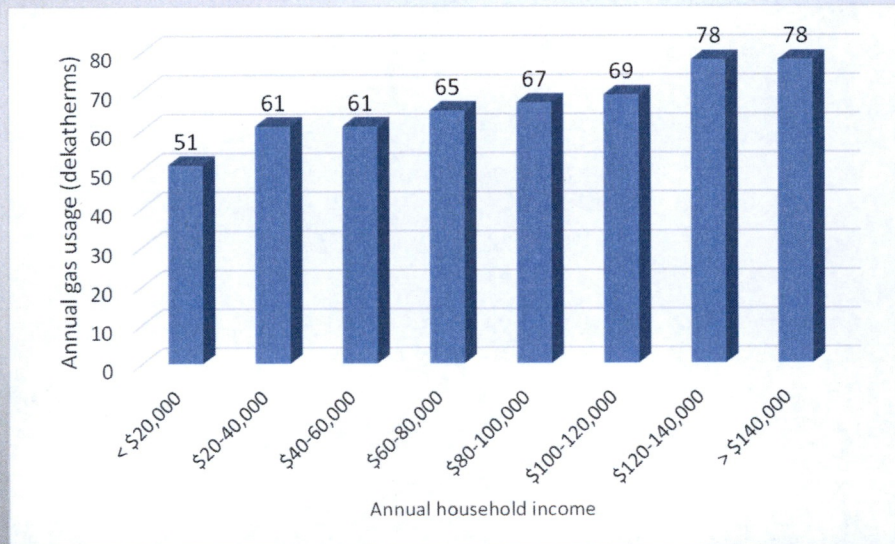


Opening statement of Scott Rubin on behalf of AARP

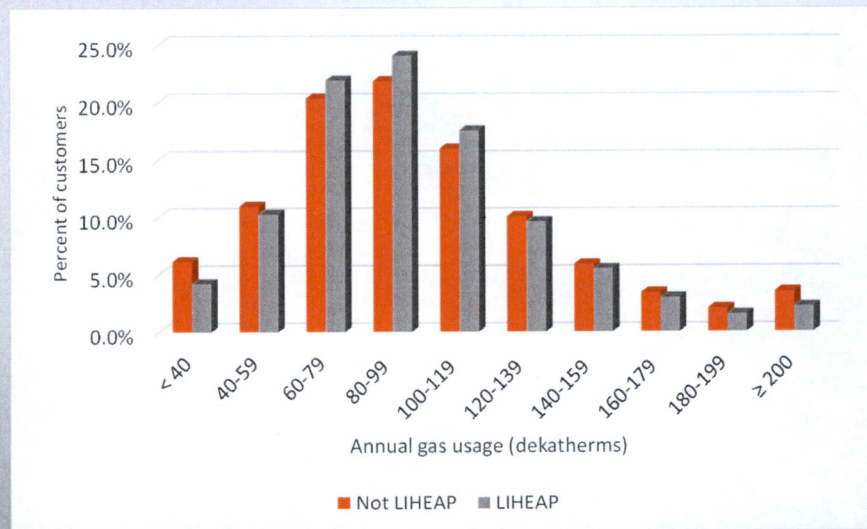
North Dakota PSC
MDU Rate Case PU-20-379



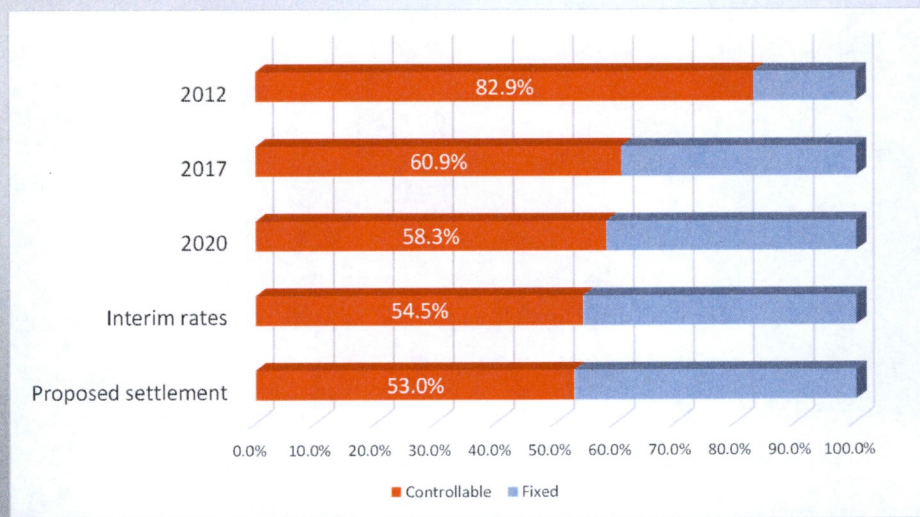
Natural gas usage in 2015 by income (all U.S. homes that heat with natural gas)



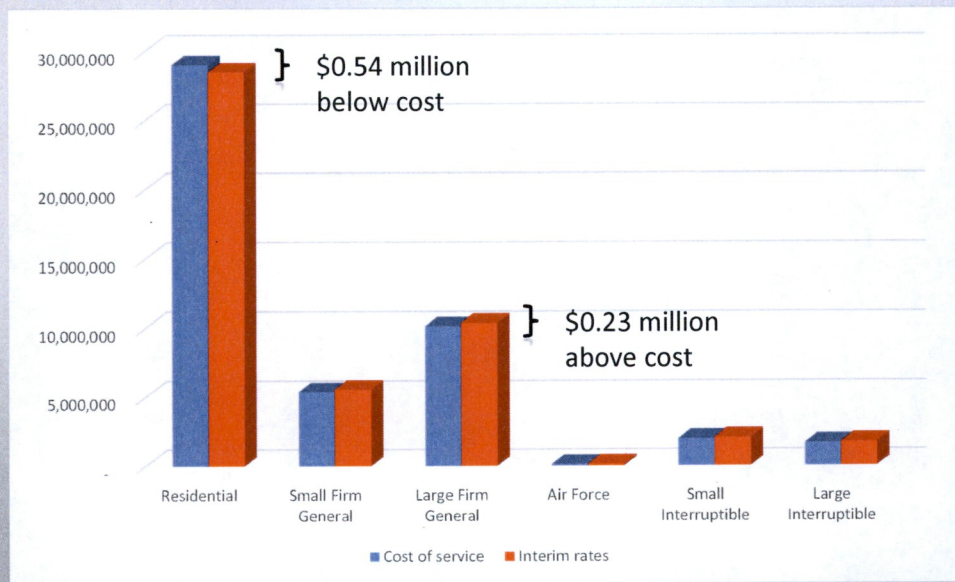
Annual gas usage of MDU residential customers



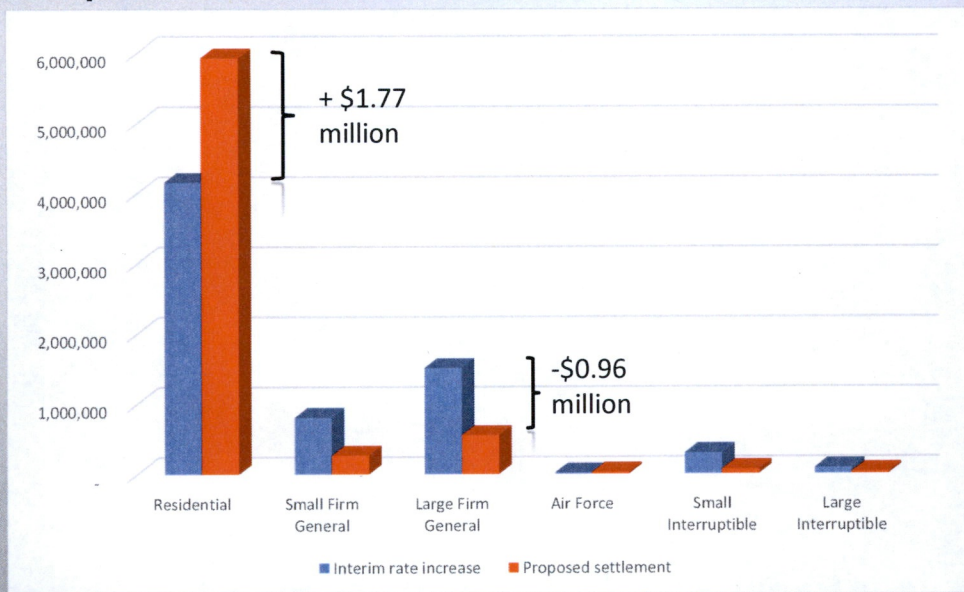
Change in ability of average MDU residential customer to control gas bill 2012-present



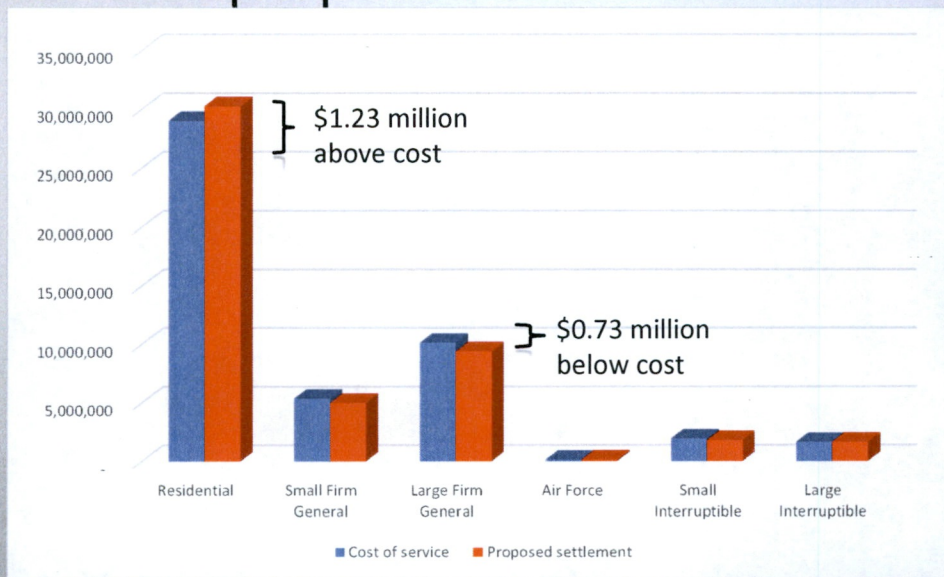
Difference between cost of service and interim rates



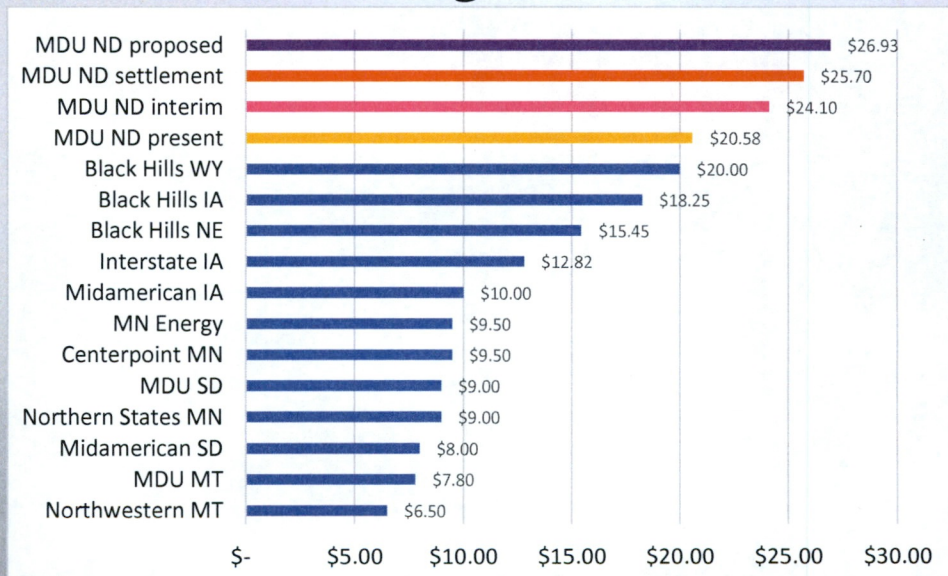
Proposed settlement's wealth transfer



Difference between cost of service and proposed settlement



No reason to increase region's highest customer charge even more



Sources

- Slide 2: U.S. Dept. of Energy, Residential Energy Consumption Survey, 2015 (analysis of microdata)
- Slide 3: Analysis of data provided by MDU in response to AARP-9
- Slide 4: 2012: Case PU-13-803, TAA-4, p. 1; 2017: Case PU-17-295, Statement N, p. 4; 2020: current case Statement L, p. 2; Interim and Settlement rates calculated from Statement L with different rates
- Slide 5: AARP Exh. 1, SJR-2 scaled back for lower revenue requirement under interim rates
- Slide 6: calculation of effect of settlement rate changes
- Slide 7: AARP Exh. 1, SJR-2 scaled back for lower revenue requirement under settlement rates
- Slide 8: AARP Exh. 2, p. 13