

400 North Fourth Street
Bismarck, ND 58501
701-222-7900

March 23, 2022

Executive Secretary
North Dakota Public Service Commission
State Capitol
Bismarck, ND 58505-0480

Re: Electric Meter Test Results

Pursuant to Section 69-09-02-28, Item 3, Montana-Dakota Utilities Co. (Montana-Dakota) herewith electronically files the results of its 2021 sample meter tests on residential, commercial and industrial watt-hour meters. The results of the random sample tests for each meter group and vintage class, as shown on Attachment A, indicate that for 2021 the percent defective is within allowable limits described in Montana-Dakota's approved meter testing plan.

Montana-Dakota respectfully requests that this filing be accepted as being in full compliance with the filing requirements of this Commission.

Sincerely,

/s/ Travis R. Jacobson

Travis R. Jacobson
Director of Regulatory Affairs

Attachment

**Montana-Dakota Utilities Co.
Meter Test Report – Year 2021
Results of Sample Tests
on Residential, Commercial and Industrial Watthour Meters
North Dakota, South Dakota, Montana, and Wyoming**

<u>Meter Group & Vintage Class</u>	<u>Minimum Number Sampled</u>	<u>Number of Meters Represented</u>	<u>Percent Fast</u>	<u>Percent Slow</u>	<u>Total Percent Defective¹</u>
D (1980-1989)	10	31	<0.001	<0.001	<0.002
E (1990-1999)	7	25	<0.001	<0.001	<0.002
F (2000-2009)	150	82,346	<0.003	<0.003	<0.006
G (2010-2019)	150	53,801	<0.003	<0.003	<0.006
A (2020-2029)	0	69	<0.000	<0.000	<0.000
T ² (2000-2009)	40	985	<0.001	<0.001	<0.002
H ² (2010-2019)	50	1,924	<0.001	<0.001	<0.002
R ² (2020-2029)	0	26	<0.000	<0.000	<0.000
Y ² (1990-1999)	4	8	<0.001	<0.001	<0.002
Z ² (2000-2009)	75	3,447	<0.002	<0.002	<0.004
J ² (2010-2019)	50	2,977	<0.001	<0.001	<0.002
W ² (2020-2029)	0	2	<0.000	<0.000	<0.000

¹ The maximum total percent defective limits as described in Rate 131 for North Dakota, Montana and Chapter II of the Rules of the Wyoming Public Service Commission are:

- 4% for Residential vintage groups D, E, F, G, A
- 2% for Commercial vintage groups T, H, R
- 1% for Industrial vintage groups Y, Z, J, W

² The T, H, R, Y, Z, J and W are groups of solid-state electric watthour meters.