



2302 Great Northern Drive
Fargo, ND 58102

March 28, 2025

—Via Electronic Mail and U.S. Mail—

Steven M. Kahl, Executive Director
North Dakota Public Service Commission
State Capitol Building, Dept. 408
600 East Boulevard
Bismarck, ND 58505-0480

RE: 2024 METER TESTING RESULTS
CASE NOS. PU-25-____ & PU-25-____

Dear Mr. Kahl:

Northern States Power Company, doing business as Xcel Energy (Company), submits the enclosed original and seven copies of the summary results of the 2024 testing of the Company's North Dakota electric and natural gas meters, in compliance with sections 69.09.01.16 and 69.09.02.28 of the North Dakota Administrative Code.

A summary of the Company's 2024 electric meter testing results is provided as Attachment A. As a result of a 2015 Commission Staff review of our meter testing tariff, it was recommended the Company also include a more detailed report of our electric meter random test results for meters within the NSP-Minnesota operating company (serving the states of Minnesota, North Dakota, and South Dakota). That information is provided as Attachment B.

A summary of the Company's 2024 natural gas meter testing results is provided as Attachment C.

An electronic copy of this filing is also being sent to you for your convenience. Please contact me at alex.j.nisbet@xcelenergy.com if you have any questions regarding this filing.

Sincerely,

/s/

ALEX NISBET
REGULATORY POLICY SPECIALIST

Enclosures

**Xcel Energy - State of North Dakota
 Electric Meter Testing
 Summary of 2024 Results**

	Meters	Acceptable ¹		Slow		Fast		No Register	
		#	%	#	%	#	%	#	%
Random Sample Tests	#								
Self-contained Single & Polyphase	191	191	100.0%	0	0.0%	0	0.0%	0	0.0%
Transformer-rated Single & Polyphase	18	18	100.0%	0	0.0%	0	0.0%	0	0.0%
Total Random Tests	209	209	100.0%	0	0.0%	0	0.0%	0	0.0%
Periodic Tests	#								
Transformer-rated Polyphase (>600V) ²	37	37	100.0%	0	0.0%	0	0.0%	0	0.0%
Transformer-rated Polyphase (>1 MW) ³	43	43	100.0%	0	0.0%	0	0.0%	0	0.0%
Total Periodic Tests	80	80	100.0%	0	0.0%	0	0.0%	0	0.0%
2024 Electric Meter Tests:	289	289	100.0%	0	0.0%	0	0.0%	0	0.0%

¹ Meters that test within acceptable tolerance have an average error within plus or minus 2% of accurate

² Meters in substations on primary services above 600 volts

³ Meters with demands greater than 1 MW during the previous calendar year

See Section 3.1 *Metering and Testing* in Xcel Energy's North Dakota Electric Rate Book (NDPSC No. 2) for meter testing criterium and process.

**Xcel Energy - North Dakota
 Gas Meter Testing
 Summary of 2024 Results**

Meters with a capacity less than 400 Cubic feet per hour (CFH)

(Residential size meters)	<u>#</u>	<u>%</u>
Total Number of Meters Tested.....	152	
Meters Tested Within Tolerance ¹	144	94.7%
Meters Tested Slow ²	2	1.3%
Meters Tested Fast ³	6	3.9%

Meters with a capacity of 400 CFH through 999 CFH

(Small commercial size meters)	<u>#</u>	<u>%</u>
Total Number of Meters Tested.....	83	
Meters Tested Within Tolerance ¹	73	88.0%
Meters Tested Slow ²	3	3.6%
Meters Tested Fast ³	7	8.4%

Meters with a capacity greater than 999 CFH

(Large commercial/industrial size meters)	<u>#</u>	<u>%</u>
Total Number of Meters Tested.....	137	
Meters Tested Within Tolerance ¹	137	100.0%
Meters Tested Slow ²	0	0.0%
Meters Tested Fast ³	0	0.0%

Meters are tested at two flow rates. The accuracy is the average of the two tests.

¹ Meters that test within tolerance have an average error within plus or minus 2% of accurate
² Meters that test slow (undermeasuring), have an average error greater than minus 2% of accurate
³ Meters that test fast (overmeasuring), have an average error greater than plus 2% of accurate