



2302 Great Northern Drive  
Fargo, ND 58102

March 31, 2026

—Via Electronic Mail and U.S. Mail—

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

RE: 2025 METER TESTING RESULTS  
CASE NO. PU-26-\_\_\_\_ & PU-26-\_\_\_\_

Dear Mr. Johnson:

Northern States Power Company, doing business as Xcel Energy (Company), submits the enclosed original and seven copies of the summary results of the 2025 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 2025 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 2025 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](mailto:alex.j.nisbet@xcelenergy.com) if you have any questions regarding this filing.

Sincerely,

/s/

ALEX NISBET  
REGULATORY POLICY SPECIALIST

Enclosures

	Meters		Acceptable <sup>1</sup>		Slow		Fast		No Register	
	#	%	#	%	#	%	#	%	#	%
<b>Random Sample Tests</b>										
Self-contained Single & Polyphase	147		147	100.0%	0	0.0%	0	0.0%	0	0.0%
Transformer-rated Single & Polyphase	34		33	97.1%	1	2.9%	0	0.0%	0	0.0%
Total Random Tests	181		180	99.4%	1	0.6%	0	0.0%	0	0.0%
<b>Periodic Tests</b>										
Transformer-rated Polyphase (>600V) <sup>2</sup>	33		33	100.0%	0	0.0%	0	0.0%	0	0.0%
Transformer-rated Polyphase (>1 MW) <sup>3</sup>	44		44	100.0%	0	0.0%	0	0.0%	0	0.0%
Total Periodic Tests	77		77	100.0%	0	0.0%	0	0.0%	0	0.0%
<b>2025 Electric Meter Tests:</b>	258		257	99.6%	1	0.0%	0	0.0%	0	0.0%

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

<sup>2</sup> Meters in substations on primary services above 600 volts

<sup>3</sup> 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.

Lots	Description (OPCO, Random Test, Manuf, Model, Test Code)	Manufacturer	Model	Form	Lot Size	Sample size ANSI_ASQ_Z1_9 (Inspection Level II)	Meters Requested	# of Meters Tested	Full Load Sigma	Bar-X	Full Load Bar-x	Full Load Estimated Percent Defect	Maximum Allowable Percent Defect	Full Load Pass/Fail
573	MN,RT,ABB,D55,AC,SN	ABB Power	D55	2S	58	7	7	7	0.342	-0.216	99.784	0.000	8.4	Pass
882	MN,RT,SCHLUM,J55,IF	Schlumberger	J55	2S	3960	75	75	79	0.259	-0.06	99.940	0.000	4.83	Pass
1079	MN,RT,ABB,AB1,AI	ABB Power	AB1	1S	145	10	10	10	0.196	0.269	100.269	0.000	7.26	Pass
8001	MN,RT,SCHLUM,J4E5,AF	Schlumberger	J4E5	2S	86	7	7	8	0.248	-0.01	99.990	0.000	8.4	Pass
8004	MN,RT,ABB,ABS-5U,MP	ABB Power	ABS-5U	12S	2058	50	50	52	0.245	0.172	100.172	0.000	5.21	Pass
8006	MN,RT,ABB,AB1,AG	ABB Power	AB1	4S	40	5	5	5	0.394	-0.232	99.768	0.000	9.8	Pass
8015	MN,RT,L&G,MTN12S,MP	Landys & Gyr	VMW65E	12S	69	7	7	7	0.177	-0.107	99.893	0.000	8.4	Pass
8018	MN,RT,ABB,D455U,MP	ABB Power	D455U	12S	105	10	10	10	0.271	0.09	100.090	0.000	7.26	Pass
8561	MN,RT,LANDIS&GYR,MQS	Landys & Gyr	VMW65E	3S	12	3	3	3	0.096	0.082	100.082	0.000	7.59	Pass
8745	MN,RT,W,A1D,TR,FM3S	ABB Power	A1D	3S	66	7	7	7	0.046	-0.014	99.986	0.000	8.4	Pass
8747	MN,RT,W,A1D,TE,FM16S	ABB Power	A1D	16S	4315	75	75	81	0.063	-0.008	99.992	0.000	4.83	Pass
8748	MN,RT,W,A1D,TX,FM12S	ABB Power	A1D	12S	174	15	15	16	0.039	-0.014	99.986	0.000	6.55	Pass
8756	MN,RT,W,A1D,RJ,FM4S	ABB Power	A1D	4S	450	25	25	25	0.044	-0.013	99.987	0.000	5.98	Pass
8773	MN,RT,W,A1R+,Y8,FM35S	ABB Power	A1R+	35S	26	5	5	5	0.034	-0.003	99.997	0.000	9.8	Pass
8837	MN,RT,W,A1R+,BA,FM6S	General Electric	V65S	14S	62	7	7	7	0.042	-0.072	99.928	0.000	8.4	Pass
8849	MN,RT,D,AL,NX,FM2S	ABB Power	A1R+	6S	32059	100	100	100	0.046	-0.003	99.997	0.000	4.67	Pass
8850	MN,RT,D,AL,TX,FM12S	Landys & Gyr	AL	2S	13525	100	100	100	0.045	0.015	100.015	0.000	4.67	Pass
8857	MN,RT,D,AL,ALF,NY,FM2S	Landys & Gyr	AL	12S	1527	50	50	50	0.006	0.015	100.015	0.000	5.21	Pass
8868	MN,RT,D,AL,ALF,TR,FM3S	Landys & Gyr	AL (F)	2S	62	7	7	7	0.025	-0.052	99.948	0.000	8.4	Pass
8871	MN,RT,D,AL,ZS,FM1S	Landys & Gyr	AL (F)	3S	220	15	15	15	0.074	0.025	100.025	0.000	6.55	Pass
8899	MN,RT,I,S,C1S,C1SC,C1SRC,2B,FM1S	Landys & Gyr	AL	1S	685	35	35	35	0.411	-0.069	99.931	0.000	5.58	Pass
8901	MN,RT,E,W,A1T+,A1TL+,NX,FM2S	Itron	C1S (C, RC)	1S	2765	50	50	52	0.132	-0.074	99.926	0.000	5.21	Pass
8902	MN,RT,E,A3R,A3RL,A3T,A3TL,NX,FM2S	Elster	A1T+, A1TL+	2S	4467	75	75	75	0.039	-0.045	99.955	0.000	4.83	Pass
8903	MN,RT,E,W,AB1,AC,FM2	Elster	A3R (L), A3T (L)	2S	12687	100	100	111	0.324	0	100.000	0.000	4.67	Pass
8904	MN,RT,I,S,C1S,C1SC,C1SRC,1N,FM2S	Elster	AB1	2S	82744	150	150	150	0.136	0.003	100.003	0.000	4.42	Pass
8905	MN,RT,S,J4S,AC,IF,FM2S	Itron	C1S (C, RC)	2S	1002	35	35	36	0.305	-0.157	99.843	0.000	5.58	Pass
8906	MN,RT,E,W,A1T+,NY,TU,FM2S	Schlumberger	J4S	2S	890	35	35	35	0.166	-0.08	99.920	0.000	5.58	Pass
8907	MN,RT,E,A3RL,A3R,A3T,A3TL,NY,FM2S	Elster	A1T+	2S	495	25	25	25	0.046	-0.046	99.954	0.000	5.98	Pass
8908	MN,RT,I,C1S,C1SC,2J,FM2S	Elster	A3R (L), A3T (L)	2S	1649	50	50	50	0.188	-0.004	99.996	0.000	5.21	Pass
8909	MN,RT,W,A1T+,A1TL+,TR,FM3S	Itron	C1SC	2S	103	10	10	10	0.045	-0.067	99.933	0.000	7.26	Pass
8910	MN,RT,E,A3RL,A3R,A3T,A3TL,TR,FM3S	ABB Power	A1T+, A1TL+	3S	56	7	7	7	0.056	-0.067	99.933	0.000	8.4	Pass
8911	MN,RT,I,C1S,C1SC,2F,FM3S	Elster	A3R (L), A3T (L)	3S	1069	35	35	35	0.147	0.029	100.029	0.000	5.58	Pass
8912	MN,RT,E,W,A1T+,A1TL+,RJ,FM4S	Itron	C1SC	3S	2351	50	50	52	0.073	-0.061	99.939	0.000	5.21	Pass
8914	MN,RT,I,C1SRC,C1SC,2G,FM4S	Elster	A1T+, A1TL+	4S	1594	50	50	50	0.12	0.062	100.062	0.000	5.21	Pass
8918	MN,RT,I,S,CN1S,CN1SC,CN1SRC,2H,FM12S	Itron	C1SC, C1SRC	4S	5569	75	75	75	0.139	-0.013	99.987	0.000	4.83	Pass
8920	MN,RT,D,MT14S,BW,CL,FM14S	Itron	CN1S, CN1SRC	12S	82	7	7	7	0.29	0.189	100.189	0.000	8.4	Pass
8923	MN,RT,E,A3R,A3RL,A3T,A3TL,TE,FM16S	Landys & Gyr	VMW65E	14S	6626	75	75	75	0.031	-0.05	99.950	0.000	4.83	Pass
8926	MN,RT,W,A1R,A1R-AL,X8,FM36S	Elster	A3R (L), A3T (L)	16S	10	3	3	3	0.016	-0.097	99.903	0.000	7.59	Pass
8927	MN,RT,E,W,A1R+,A1RL+,X8,FM36S	ABB Power	A1R, A1R-AL	36S	1857	50	50	54	12.076	-0.125	99.875	0.000	5.21	Pass
8936	MN,RT,E,A3R,A3RL,A3T,V0,FM12S	Elster	A1R+, A1RL+	36S	56	7	7	7	0.046	-0.059	99.941	0.000	8.4	Pass
8937	MN,RT,E,A3R,A3T,A3TL,A3RL,A3R-AL,A3R-A,RJ,FM4S	Elster	A3R (L), A3T	12S	1145	35	35	35	0.034	-0.049	99.951	0.000	5.58	Pass
8938	MN,RT,E,A3R-AL,A3R,A3R-A,ON,Y8,FM5/35S	Elster	A3R (AL), A3T (L)	4S	87	7	7	7	0.05	-0.041	99.959	0.000	8.4	Pass
8939	MN,RT,E,A3T,A3TL,A3RL,N5,FM1S	Elster	A3R (AL)	5S	96	10	10	9	0.024	-0.052	99.948	0.000	7.26	Pass
8940	MN,RT,W,A1T+,A1R-A,V0,FM12S	Elster	A3T (L), A3RL	1S	18	4	4	4	0.083	-0.008	99.992	0.000	10.88	Pass
8945	MN,RT,E,W,A1R+,KZ,FM9S	ABB Power	A1T+, A1R-A	12S	6160	75	75	76	0.112	-0.054	99.946	0.000	4.83	Pass
8951	MN,RT,L&G,MS,AC	Elster	A1T+,A1R-A	1S	4809	75	75	78	0.25	-0.002	99.998	0.000	4.83	Pass
8952	MN,RT,GE,I70S,AC	Elster	A1R-A	2S	5644	75	75	76	0.18	-0.067	99.933	0.000	4.83	Pass
8959	MN,RT,D,AL,ALF,RJ,FM4S	Elster	A1R+	9S	443	25	25	25	0.051	0.005	100.005	0.000	5.98	Pass
8960	MN,RT,E,A3R,A3R-A,A3R-AL,A3RL,A3T,A3TL,Y1,FM16S	ABB Power	A1R,A1R-A,A1R-AL	6S	2196	50	50	50	0.03	-0.042	99.958	0.000	5.21	Pass
8961	MN,RT,E,A3T,A3TL,A3R,TX,FM12S	Landys & Gyr	MS	2S	663	35	35	35	0.04	-0.05	99.950	0.000	5.58	Pass
8965	MN,RT,D,RXRE-SD,NX,FM2S	General Electric	I70S	2S	15352	100	100	100	0.051	0.007	100.007	0.000	4.67	Pass
8966	MN,RT,D,RXRE-SD,TX,FM12S	Landys & Gyr	AL (F)	4S	917	35	35	25	0.04	0.014	100.014	0.000	5.58	Pass
8967	MN,RT,S,S5S,SL5S,QM,CL,BW,FM14S	Elster	A3R (AL), A3T (L)	16S	8	3	3	3	0.295	0.7	100.700	0.000	7.59	Pass
8968	MN,RT,E,W,A3R,A3R-A,A3R-AL,A3RALNCCQ,A3CSPOLY,A3RL, KZ, FM9S	Elster	A3T (L), A3R	12S	7439	75	75	76	10.184	-0.045	99.955	0.000	4.83	Pass
8969	MN,RT,SCHLUMBERGER,SL12S,S12S,S2S,FM12S	Landys & Gyr	RXRE-SD	2S	233	15	15	14	0.26	0.276	100.276	0.000	6.55	Pass
8970	MN,RT,E,W,A1T+,A1D+,TX,FM12S	Landys & Gyr	RXRE-SD	12S	3672	75	75	75	0.049	-0.071	99.929	0.000	4.83	Pass
8972	MN,RT,E,W,A1T+,A1D+,TE,FM16S	Elster	A3R (ALNCCQ), A3CSPOLY	9S	8341	75	75	76	0.104	-0.04	99.960	0.000	4.83	Pass
8973	MN,RT,W,A1R,A1R-A,A1R-AL,KZ,FM9S	Schlumberger	SL12S, S12S, S2S	12S	30	5	5	5	0.084	0	100.000	0.000	9.8	Pass
8974	MN,RT,E,W,A1T+,A1R-A,Y1,FM16S	Elster	A1D+, A1T+	12S	242	15	15	15	0.115	-0.078	99.922	0.000	6.55	Pass
8975	MN,RT,E,A3R-AL,A3R,A3R-A,A3RALNCCQ,BA,X8,FM6/36S	Landys & Gyr	MSE, MS2SE	2S	1541	50	50	50	0.191	-0.085	99.915	0.000	5.21	Pass
9003	MN,RT,I,RN2SID,RN2SID-NL,2H,FM12S	Elster	A1D+, A1T+	16S	194765	200	200	201	0.087	0.006	100.006	0.000	4.39	Pass
9004	MN,RT,I,RN2SID,RN2SID-NL,1N,FM2S	Elster	A1R (AL)	9S	1112011	200	200	200	6.096	-0.342	99.658	0.000	4.39	Pass
9005	MN,RT,I,R2SID,6J,FM1S	Elster	A1T+, A1R-A	16S	2276	50	50	50	12.71	-1.698	98.302	0.000	5.21	Pass
9006	MN,RT,G,I-210+C,1N,FM2	Elster	A3R (ALNCCQ)	6S, 36S	3657	75	75	75	0.115	-0.062	99.938	0.000	4.83	Pass
9007	MN,RT,G,I-210+CN, 2H, FM12S		RN2SID,RN2SID-NL	12S	7	3	3	3	0.061	-0.067	99.933	0.000	7.59	Pass
9008	MN,RT,I,RP3SIA, KZ, FM9S	Itron	RN2SID,RN2SID-NL	2S	17417	100	100	101	0.077	-0.017	99.983	0.000	4.67	Pass
9009	MN,RT,I,RP3SIA,TE,FM16S	Itron	R2SID	1S	23025	100	100	100	0.06	-0.049	99.951	0.000	4.67	Pass
9010	MN,RT,I,R2SI,2J,FM2S,CL320	Itron	R2SI	2S	8629	75	75	75	0.044	0	100.000	0.000	4.83	Pass
9020	MN,RT,I,RP3SIA, X8, FM36, CL20	Itron	RP3SIA	36S	2892	50	50	52	0.058	0.011	100.011	0.000	5.21	Pass
9021	MN,RT,I,RP3SIA, 3H, FM4, CL20	Itron	RP3SIA	4S	995	35	35	35	0.063	-0.07	99.930	0.000	5.58	Pass
9022	MN,RT,I,RP3SIA, TX, FM12, CL200	Itron	RP3SIA	12S	293	20	20	20	0.018	0.072	100.072	0.000	6.18	Pass
9023	MN,RT,I,RP3SIA, ZL, FM16, CL320	Itron	RP3SIA	16S	164	15	15	15	0.079	-0.049	99.951	0.000	6.55	Pass
9024	MN,RT,I,RP3SIA, NX, FM2, CL200	Itron	RP3SIA	2S	141	10	10	10	0.053	-0.038	99.962	0.000	7.26	Pass
9025	MN,RT,I,RP3SIA, Y0, FM3, CL20	Itron	RP3SIA	3S	84	7	7	7	0.06	-0.032	99.968	0.000	8.4	Pass

## Xcel Energy - North Dakota

### Gas Meter Testing

#### Summary of 2025 Results

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

<b>(Residential size meters)</b>	<b>#</b>	<b>%</b>
Total Number of Meters Tested.....	149	
Meters Tested Within Tolerance <sup>1</sup> .....	140	94.0%
Meters Tested Slow <sup>2</sup> .....	6	4.0%
Meters Tested Fast <sup>3</sup> .....	3	2.0%

##### Meters with a capacity of 400 CFH through 999 (CFH)

<b>(Small commercial size meters)</b>	<b>#</b>	<b>%</b>
Total Number of Meters Tested.....	41	
Meters Tested Within Tolerance <sup>1</sup> .....	39	95.2%
Meters Tested Slow <sup>2</sup> .....	1	2.4%
Meters Tested Fast <sup>3</sup> .....	1	2.4%

##### Meters with a capacity greater than 999 (CFH)

<b>(Large commercial/industrial size meters)</b>	<b>#</b>	<b>%</b>
Total Number of Meters Tested.....	245	
Meters Tested Within Tolerance <sup>1</sup> .....	225	91.8%
Meters Tested Slow <sup>2</sup> .....	0	0.0%
Meters Tested Fast <sup>3</sup> .....	20	8.2%

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 (over measuring), have an average error greater than plus 2% of accurate