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Fergus Falls, MN 56538-0176
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March 6, 2018

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

Re: Gas Meter Test Results
Calendar Year 2016

Great Plains Natural Gas Co. (Great Plains), a Division of MDU Resources Group, Inc., herewith submits the results of its gas meter testing program in compliance with North Dakota Administrative Code Section 69-09-01-16 and Great Plains Meter Testing Procedures Rate 101. Great Plains is submitting results for the period January 1, 2016 through December 31, 2016.

In accordance with the tariff referenced above, residential meters are tested once every twelve years and large meters every 4 years. As noted below, Great Plains tested 301 residential meters and three large meters in 2016.

Great Plains Natural Gas Co. North Dakota 2016 Test Results Summary			
Residential Class		Large Meters	
% Error	# of Meters	% Error	# of Meters
<-5%	0	<-4%	1
<-3%	0	<-3%	1
<-2%	1	<-2%	1
-2% to 2%	271	-2% to 2%	0
>2%	23	>2%	0
>3%	4	>3%	0
>4%	1	>4%	0
>5%	1	>5%	0
Total	301	Total	3

A listing of each test record is provided in Attachment A.

All damaged or non-registering meters incapable of measuring gas accurately due to damaged indexes, mechanical malfunctions, or break(s) in the meter body are either retired or given a complete overhaul and re-tested before being placed back in service.

Please acknowledge receipt by stamping or initialing the duplicate copy of this letter attached hereto and returning the same in the enclosed self-addressed, stamped envelope.

Sincerely,



Tamie A. Aberle
Directory of Regulatory Affairs

Attachment

Great Plains Natural Gas Co.
Gas Utility - North Dakota
January 1, 2016 through December 31, 2016 Test Year

Meter	Open %	Check %	Meter Size	Category	Average	% Error
430451	94.6	93.5	5000	Commercial	94.1	<-5%
434367	95.4	97.7	3000	Commercial	96.6	<-3%
426261	97.3	98.3	3000	Commercial	97.8	<-2%
443952	97.6	98.4	250	Residential	98.0	<-2%
442822	94.5	101.8	750	Residential	98.2	-2% to 2%
426690	98.1	98.3	250	Residential	98.2	-2% to 2%
444631	100.2	96.6	275	Residential	98.4	-2% to 2%
426058	98.7	99.6	275	Residential	99.2	-2% to 2%
442994	99.5	99.3	250	Residential	99.4	-2% to 2%
444139	99.6	99.4	275	Residential	99.5	-2% to 2%
443278	99.5	99.5	275	Residential	99.5	-2% to 2%
426082	99	100.1	250	Residential	99.6	-2% to 2%
444396	99.6	99.5	275	Residential	99.6	-2% to 2%
431858	99.3	99.9	250	Residential	99.6	-2% to 2%
859364	99.4	99.8	250	Residential	99.6	-2% to 2%
443957	99.6	99.7	275	Residential	99.7	-2% to 2%
442979	99.5	100	250	Residential	99.8	-2% to 2%
442996	99.7	99.8	250	Residential	99.8	-2% to 2%
442986	99.5	100	250	Residential	99.8	-2% to 2%
444198	100.3	99.3	250	Residential	99.8	-2% to 2%
444595	99.5	100.1	250	Residential	99.8	-2% to 2%
443515	99.7	99.9	275	Residential	99.8	-2% to 2%
844802	99.7	99.9	250	Residential	99.8	-2% to 2%
444111	99.7	100	250	Residential	99.9	-2% to 2%
434619	99.9	99.9	250	Residential	99.9	-2% to 2%
427901	99.8	100.1	250	Residential	100.0	-2% to 2%
844796	99.9	100.1	250	Residential	100.0	-2% to 2%
844706	99.7	100.3	250	Residential	100.0	-2% to 2%
443322	100.3	99.8	250	Residential	100.1	-2% to 2%
421612	100.1	100	275	Residential	100.1	-2% to 2%
844760	100	100.1	250	Residential	100.1	-2% to 2%
844835	100	100.1	250	Residential	100.1	-2% to 2%
444038	100.1	100.1	250	Residential	100.1	-2% to 2%
443399	99.8	100.4	250	Residential	100.1	-2% to 2%
443835	99.8	100.4	275	Residential	100.1	-2% to 2%
836652	99.5	100.7	AL425	Residential	100.1	-2% to 2%
439491	100.2	100.1	275	Residential	100.2	-2% to 2%
444109	100.1	100.2	275	Residential	100.2	-2% to 2%
444043	100	100.3	275	Residential	100.2	-2% to 2%
438348	99.9	100.4	275	Residential	100.2	-2% to 2%
836651	99.9	100.4	AL425	Residential	100.2	-2% to 2%
442410	100.1	100.3	AL425	Residential	100.2	-2% to 2%
442847	100	100.4	275	Residential	100.2	-2% to 2%

**Great Plains Natural Gas Co.
Gas Utility - North Dakota
January 1, 2016 through December 31, 2016 Test Year**

Meter	Open %	Check %	Meter Size	Category	Average	% Error
444277	100.2	100.2	250	Residential	100.2	-2% to 2%
844839	99.9	100.5	250	Residential	100.2	-2% to 2%
428612	100.1	100.4	275	Residential	100.3	-2% to 2%
442396	100.2	100.3	250	Residential	100.3	-2% to 2%
426762	100.1	100.4	250	Residential	100.3	-2% to 2%
844799	100.1	100.4	250	Residential	100.3	-2% to 2%
844773	100.5	100.1	250	Residential	100.3	-2% to 2%
844834	100.1	100.5	250	Residential	100.3	-2% to 2%
427643	100.4	100.3	275	Residential	100.4	-2% to 2%
443191	100	100.7	275	Residential	100.4	-2% to 2%
442528	100.2	100.5	250	Residential	100.4	-2% to 2%
442937	100.4	100.4	275	Residential	100.4	-2% to 2%
443788	100.2	100.6	275	Residential	100.4	-2% to 2%
844852	100.6	100.2	250	Residential	100.4	-2% to 2%
850985	100.6	100.2	250	Residential	100.4	-2% to 2%
844777	100.3	100.5	250	Residential	100.4	-2% to 2%
844801	100.3	100.5	250	Residential	100.4	-2% to 2%
844831	100.3	100.6	250	Residential	100.5	-2% to 2%
859254	100.3	100.6	250	Residential	100.5	-2% to 2%
424085	100.1	100.8	250	Residential	100.5	-2% to 2%
427912	100.4	100.5	250	Residential	100.5	-2% to 2%
844824	100.4	100.5	250	Residential	100.5	-2% to 2%
859248	100	100.9	250	Residential	100.5	-2% to 2%
422787	100.5	100.5	250	Residential	100.5	-2% to 2%
844819	100.4	100.6	250	Residential	100.5	-2% to 2%
844809	100.2	100.8	250	Residential	100.5	-2% to 2%
844794	100.8	100.3	250	Residential	100.6	-2% to 2%
844840	100.6	100.5	250	Residential	100.6	-2% to 2%
844812	100.5	100.6	250	Residential	100.6	-2% to 2%
835216	100.4	100.7	250	Residential	100.6	-2% to 2%
844843	100.4	100.7	250	Residential	100.6	-2% to 2%
844821	100.4	100.8	250	Residential	100.6	-2% to 2%
859453	100.4	100.8	250	Residential	100.6	-2% to 2%
443676	100.2	101	250	Residential	100.6	-2% to 2%
442388	100.4	100.8	AL425	Residential	100.6	-2% to 2%
444668	100.2	101.1	250	Residential	100.7	-2% to 2%
844782	101	100.3	250	Residential	100.7	-2% to 2%
844851	100.8	100.5	250	Residential	100.7	-2% to 2%
844780	100.7	100.6	250	Residential	100.7	-2% to 2%
844754	100.5	100.8	250	Residential	100.7	-2% to 2%
859449	100.5	100.8	250	Residential	100.7	-2% to 2%
844875	100.3	101	250	Residential	100.7	-2% to 2%
836656	100.3	101	AL425	Residential	100.7	-2% to 2%

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Meter	Open %	Check %	Meter Size	Category	Average	% Error
859223	100.8	100.6	250	Residential	100.7	-2% to 2%
844868	100.6	100.8	250	Residential	100.7	-2% to 2%
442662	100.9	100.5	250	Residential	100.7	-2% to 2%
436897	100.4	101	275	Residential	100.7	-2% to 2%
851002	100.8	100.7	250	Residential	100.8	-2% to 2%
844793	100.7	100.8	250	Residential	100.8	-2% to 2%
851001	100.7	100.8	250	Residential	100.8	-2% to 2%
859211	100.7	100.8	250	Residential	100.8	-2% to 2%
844761	100.6	100.9	250	Residential	100.8	-2% to 2%
844878	100.6	100.9	250	Residential	100.8	-2% to 2%
859243	100.6	100.9	250	Residential	100.8	-2% to 2%
836653	100.4	101.1	AL425	Residential	100.8	-2% to 2%
427856	100.6	101	250	Residential	100.8	-2% to 2%
844829	101	100.6	250	Residential	100.8	-2% to 2%
859361	100.6	101	250	Residential	100.8	-2% to 2%
844774	100.5	101.1	250	Residential	100.8	-2% to 2%
844863	100.9	100.7	250	Residential	100.8	-2% to 2%
844779	100.7	100.9	250	Residential	100.8	-2% to 2%
444063	100.9	100.8	250	Residential	100.9	-2% to 2%
444096	100.6	101.1	250	Residential	100.9	-2% to 2%
444687	100.7	101	275	Residential	100.9	-2% to 2%
844787	101.1	100.6	250	Residential	100.9	-2% to 2%
444425	100.9	100.8	250	Residential	100.9	-2% to 2%
844869	100.9	100.8	250	Residential	100.9	-2% to 2%
844858	100.7	101	250	Residential	100.9	-2% to 2%
844792	100.5	101.2	250	Residential	100.9	-2% to 2%
836371	101	100.7	AL425	Residential	100.9	-2% to 2%
844867	101	100.8	250	Residential	100.9	-2% to 2%
844805	100.8	101	250	Residential	100.9	-2% to 2%
850989	100.8	101	250	Residential	100.9	-2% to 2%
844701	100.7	101.1	250	Residential	100.9	-2% to 2%
844822	100.7	101.1	250	Residential	100.9	-2% to 2%
844833	100.7	101.1	250	Residential	100.9	-2% to 2%
859360	100.7	101.1	250	Residential	100.9	-2% to 2%
844830	100.8	101.1	250	Residential	101.0	-2% to 2%
859191	100.6	101.3	250	Residential	101.0	-2% to 2%
844682	100.6	101.3	250	Residential	101.0	-2% to 2%
850991	101	100.9	250	Residential	101.0	-2% to 2%
844815	101	100.9	250	Residential	101.0	-2% to 2%
850992	100.9	101	250	Residential	101.0	-2% to 2%
844857	100.7	101.2	250	Residential	101.0	-2% to 2%
859551	100.7	101.2	250	Residential	101.0	-2% to 2%
444183	100.7	101.3	250	Residential	101.0	-2% to 2%

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Meter	Open %	Check %	Meter Size	Category	Average	% Error
426733	100.8	101.2	275	Residential	101.0	-2% to 2%
844795	101	101	250	Residential	101.0	-2% to 2%
850997	101	101	250	Residential	101.0	-2% to 2%
859220	101	101	250	Residential	101.0	-2% to 2%
850999	101	101.1	250	Residential	101.1	-2% to 2%
859212	101	101.1	250	Residential	101.1	-2% to 2%
844859	100.6	101.5	250	Residential	101.1	-2% to 2%
859217	100.5	101.6	250	Residential	101.1	-2% to 2%
844741	101.2	100.9	250	Residential	101.1	-2% to 2%
844862	101.2	100.9	250	Residential	101.1	-2% to 2%
844749	100.7	101.4	250	Residential	101.1	-2% to 2%
443886	101	101.2	250	Residential	101.1	-2% to 2%
444647	100.7	101.5	275	Residential	101.1	-2% to 2%
844876	101	101.2	250	Residential	101.1	-2% to 2%
844814	101	101.2	250	Residential	101.1	-2% to 2%
844817	101	101.2	250	Residential	101.1	-2% to 2%
859224	101	101.2	250	Residential	101.1	-2% to 2%
859221	100.9	101.3	250	Residential	101.1	-2% to 2%
859245	100.8	101.4	250	Residential	101.1	-2% to 2%
844776	100.5	101.7	250	Residential	101.1	-2% to 2%
427540	101.3	101	250	Residential	101.2	-2% to 2%
844716	101.4	100.9	250	Residential	101.2	-2% to 2%
844870	101.4	100.9	250	Residential	101.2	-2% to 2%
850980	101.4	100.9	250	Residential	101.2	-2% to 2%
844705	101.2	101.1	250	Residential	101.2	-2% to 2%
859208	101.1	101.2	250	Residential	101.2	-2% to 2%
859231	101.1	101.2	250	Residential	101.2	-2% to 2%
844854	101	101.3	250	Residential	101.2	-2% to 2%
844717	100.9	101.4	250	Residential	101.2	-2% to 2%
844742	100.9	101.4	250	Residential	101.2	-2% to 2%
859241	100.9	101.4	250	Residential	101.2	-2% to 2%
844679	100.8	101.5	250	Residential	101.2	-2% to 2%
432637	101.3	101.1	275	Residential	101.2	-2% to 2%
850996	101.1	101.3	250	Residential	101.2	-2% to 2%
444231	101	101.4	250	Residential	101.2	-2% to 2%
844807	101	101.4	250	Residential	101.2	-2% to 2%
859228	101	101.4	250	Residential	101.2	-2% to 2%
859510	101	101.4	250	Residential	101.2	-2% to 2%
851003	100.9	101.5	250	Residential	101.2	-2% to 2%
859176	101.2	101.3	250	Residential	101.3	-2% to 2%
850965	101	101.5	250	Residential	101.3	-2% to 2%
859370	100.7	101.8	250	Residential	101.3	-2% to 2%
844813	101.5	101.1	250	Residential	101.3	-2% to 2%

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Meter	Open %	Check %	Meter Size	Category	Average	% Error
844740	101.3	101.3	250	Residential	101.3	-2% to 2%
844798	101.1	101.5	250	Residential	101.3	-2% to 2%
844832	101.1	101.5	250	Residential	101.3	-2% to 2%
859420	101	101.6	250	Residential	101.3	-2% to 2%
836322	100.6	102	250	Residential	101.3	-2% to 2%
836655	101	101.6	AL425	Residential	101.3	-2% to 2%
844739	101.4	101.2	250	Residential	101.3	-2% to 2%
844800	101.4	101.2	250	Residential	101.3	-2% to 2%
844837	101.4	101.2	250	Residential	101.3	-2% to 2%
844874	101.2	101.4	250	Residential	101.3	-2% to 2%
859188	101.2	101.4	250	Residential	101.3	-2% to 2%
844786	101.2	101.4	250	Residential	101.3	-2% to 2%
844860	101.7	101	250	Residential	101.4	-2% to 2%
859255	101.3	101.4	250	Residential	101.4	-2% to 2%
844791	101.3	101.4	250	Residential	101.4	-2% to 2%
844877	101.3	101.4	250	Residential	101.4	-2% to 2%
844714	101.2	101.5	250	Residential	101.4	-2% to 2%
844700	101.2	101.5	250	Residential	101.4	-2% to 2%
859183	101.2	101.5	250	Residential	101.4	-2% to 2%
844825	101.1	101.6	250	Residential	101.4	-2% to 2%
859424	101.1	101.6	250	Residential	101.4	-2% to 2%
844751	100.9	101.8	250	Residential	101.4	-2% to 2%
844811	100.9	101.8	250	Residential	101.4	-2% to 2%
845044	101.3	101.4	AL425	Residential	101.4	-2% to 2%
844704	101.4	101.4	250	Residential	101.4	-2% to 2%
859192	101.3	101.5	250	Residential	101.4	-2% to 2%
844873	101.1	101.7	250	Residential	101.4	-2% to 2%
850988	101.1	101.7	250	Residential	101.4	-2% to 2%
850981	101	101.8	250	Residential	101.4	-2% to 2%
844803	101.4	101.5	250	Residential	101.5	-2% to 2%
859366	101.2	101.7	250	Residential	101.5	-2% to 2%
859239	101.2	101.7	250	Residential	101.5	-2% to 2%
859438	101.2	101.7	250	Residential	101.5	-2% to 2%
859251	101	101.9	250	Residential	101.5	-2% to 2%
859164	101.8	101.2	250	Residential	101.5	-2% to 2%
844755	101.6	101.4	250	Residential	101.5	-2% to 2%
844808	101.6	101.4	250	Residential	101.5	-2% to 2%
844820	101.5	101.5	250	Residential	101.5	-2% to 2%
844775	101.4	101.6	250	Residential	101.5	-2% to 2%
844743	101.3	101.7	250	Residential	101.5	-2% to 2%
844816	101.3	101.7	250	Residential	101.5	-2% to 2%
859190	101.2	101.8	250	Residential	101.5	-2% to 2%
859448	101.1	101.9	250	Residential	101.5	-2% to 2%

**Great Plains Natural Gas Co.
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Meter	Open %	Check %	Meter Size	Category	Average	% Error
844838	101	102	250	Residential	101.5	-2% to 2%
859429	100.8	102.2	250	Residential	101.5	-2% to 2%
844827	101.5	101.6	250	Residential	101.6	-2% to 2%
844841	101.5	101.6	250	Residential	101.6	-2% to 2%
859159	101.3	101.8	250	Residential	101.6	-2% to 2%
859203	101.3	101.8	250	Residential	101.6	-2% to 2%
844865	101.4	101.7	250	Residential	101.6	-2% to 2%
859225	101.4	101.7	250	Residential	101.6	-2% to 2%
836327	101.2	101.9	250	Residential	101.6	-2% to 2%
859187	101.2	101.9	250	Residential	101.6	-2% to 2%
836321	100.9	102.2	250	Residential	101.6	-2% to 2%
844872	100.9	102.2	250	Residential	101.6	-2% to 2%
850990	101.5	101.7	250	Residential	101.6	-2% to 2%
859184	101.5	101.7	250	Residential	101.6	-2% to 2%
859363	101.4	101.8	250	Residential	101.6	-2% to 2%
844855	101.3	101.9	250	Residential	101.6	-2% to 2%
859196	101.3	101.9	250	Residential	101.6	-2% to 2%
859425	101.1	102.1	250	Residential	101.6	-2% to 2%
859256	101.3	102	250	Residential	101.7	-2% to 2%
859175	101.3	102	250	Residential	101.7	-2% to 2%
859240	101.8	101.6	250	Residential	101.7	-2% to 2%
844785	101.6	101.8	250	Residential	101.7	-2% to 2%
844848	101.7	101.7	250	Residential	101.7	-2% to 2%
859226	101.5	101.9	250	Residential	101.7	-2% to 2%
844756	101.5	101.9	250	Residential	101.7	-2% to 2%
844828	101.5	101.9	250	Residential	101.7	-2% to 2%
859417	101.4	102	250	Residential	101.7	-2% to 2%
859218	101.2	102.2	250	Residential	101.7	-2% to 2%
859431	101.2	102.2	250	Residential	101.7	-2% to 2%
859444	101	102.4	250	Residential	101.7	-2% to 2%
429718	100.9	102.6	275	Residential	101.8	-2% to 2%
850971	101.8	101.7	250	Residential	101.8	-2% to 2%
859253	101.8	101.7	250	Residential	101.8	-2% to 2%
859419	101.6	101.9	250	Residential	101.8	-2% to 2%
859422	101.1	102.4	250	Residential	101.8	-2% to 2%
844703	100.9	102.6	250	Residential	101.8	-2% to 2%
844744	101.8	101.8	250	Residential	101.8	-2% to 2%
859368	101.5	102.1	250	Residential	101.8	-2% to 2%
859452	101.5	102.1	250	Residential	101.8	-2% to 2%
836316	101.4	102.2	250	Residential	101.8	-2% to 2%
859439	101.4	102.2	250	Residential	101.8	-2% to 2%
850975	102.1	101.6	250	Residential	101.9	-2% to 2%
844709	102	101.7	250	Residential	101.9	-2% to 2%

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Meter	Open %	Check %	Meter Size	Category	Average	% Error
859232	101.8	101.9	250	Residential	101.9	-2% to 2%
844765	101.8	101.9	250	Residential	101.9	-2% to 2%
859171	101.8	101.9	250	Residential	101.9	-2% to 2%
859359	101.5	102.2	250	Residential	101.9	-2% to 2%
859227	101.3	102.4	250	Residential	101.9	-2% to 2%
844836	101.1	102.6	250	Residential	101.9	-2% to 2%
859443	101.7	102.1	250	Residential	101.9	-2% to 2%
859169	101.6	102.2	250	Residential	101.9	-2% to 2%
859207	101.4	102.4	250	Residential	101.9	-2% to 2%
859238	101.4	102.4	250	Residential	101.9	-2% to 2%
859235	101.4	102.4	250	Residential	101.9	-2% to 2%
844864	101.8	102.1	250	Residential	102.0	-2% to 2%
844871	101.7	102.2	250	Residential	102.0	-2% to 2%
844826	101.5	102.4	250	Residential	102.0	-2% to 2%
859450	101.2	102.7	250	Residential	102.0	-2% to 2%
844853	101.8	102.2	250	Residential	102.0	-2% to 2%
859234	101.8	102.2	250	Residential	102.0	-2% to 2%
859166	101.9	102.2	250	Residential	102.1	>2%
859195	101.4	102.7	250	Residential	102.1	>2%
859250	102	102.2	250	Residential	102.1	>2%
859423	101.5	102.7	250	Residential	102.1	>2%
859421	101.4	102.8	250	Residential	102.1	>2%
859437	101.8	102.5	250	Residential	102.2	>2%
859371	101.7	102.6	250	Residential	102.2	>2%
850986	102	102.6	250	Residential	102.3	>2%
859244	102	102.6	250	Residential	102.3	>2%
859445	101.7	102.9	250	Residential	102.3	>2%
850976	101.7	102.9	250	Residential	102.3	>2%
859186	102	102.7	250	Residential	102.4	>2%
859168	101.7	103	250	Residential	102.4	>2%
859442	101.2	103.5	250	Residential	102.4	>2%
859441	101.9	102.9	250	Residential	102.4	>2%
844745	101.7	103.1	250	Residential	102.4	>2%
859358	101.9	103	250	Residential	102.5	>2%
859219	102.1	103.1	250	Residential	102.6	>2%
844810	100.7	104.6	250	Residential	102.7	>2%
859170	102.5	103	250	Residential	102.8	>2%
859249	102.9	102.8	250	Residential	102.9	>2%
844699	102.8	103.1	250	Residential	103.0	>2%
859173	102.2	103.8	250	Residential	103.0	>2%
444156	103.4	103	275	Residential	103.2	>3%
859230	102.2	105	250	Residential	103.6	>3%
859426	103.5	104.4	250	Residential	104.0	>3%

Great Plains Natural Gas Co.
Gas Utility - North Dakota
January 1, 2016 through December 31, 2016 Test Year

Meter	Open %	Check %	Meter Size	Category	Average	% Error
844683	103.8	104.2	250	Residential	104.0	>3%
844806	104.7	104.9	250	Residential	104.8	>4%
844818	101	134	250	Residential	117.5	>5%