MONTANA-DAKOTA
UTILITIES CO.
A Division of MDU Resources Group, Inc.

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

February 1, 2013

Mr. Robert Nelson
Montana Consumer Counsel
111 North Last Chance Gulch, Suite 1B
PO Box 201703
Helena, MT 59620-1703

Re: General Gas Rate Application
Docket No. D2012.9.100

Dear Mr. Nelson:

Montana-Dakota Utilities Co. electronically submits its response to the Montana Consumer Counsel's data request dated January 18, 2013. Response to MCC-174 is attached.

This completes all outstanding data responses.

Sincerely,

Rita A. Mulkern
Director of Regulatory Affairs

Attachments
cc: Service List

Montana-Dakota Utilities Co.
Docket No. D2012.9.100
Service List

Ms. Kate Whitney, Administrator
Utility Division
Montana Public Service Commission
1701 Prospect Avenue
PO Box 202601
Helena, MT 59620-2601
kwhitney@mt.gov

Robert Nelson
Montana Consumer Counsel
111 North Last Chance Gulch, Suite 1B
PO Box 201703
Helena, MT 59620-1703
robnelson@mt.gov

John Alke
40 West Lawrence, Suite A
PO Box 1166
Helena, MT 59624-1166
johnalke@hksalaw.com

Albert E. Clark
2871 S Conway Rd. 127
Orlando, FL 32812
aclark154@cfl.rr.com

John W. Wilson
J W Wilson & Associates
1601 N Kent Ste. 1104
Arlington, VA 22209
john@jwwa.com

MONTANA-DAKOTA UTILITIES CO.
MONTANA CONSUMER COUNSEL
DATA REQUEST
DATED JANUARY 18, 2013
DOCKET NO. D2012.9.100

MCC-174 RE: Statement L - COSS
WITNESS: Aberle

In reference to Workpaper "Peak Day Deliveries – Factor Nos. 2&5," included in the Cost of Service Study worksheet and provided in response to MCC-100:

a. Please provide the Regression Analysis supporting normalized volumes referred to in note 1 as the source of i) Use of Degree Day per customer, ii) Daily Baseload per customer, and iii) Pro Forma Customers January 2011; and if appropriate, please provide your response according to the revision stated in your response to MCC-106.

b. In addition to a working electronic copy of the regression analysis requested above, please provide all supporting data and workpapers.

c. Please provide all data and supporting documents for the value of Peak 1/31/2011 Sales as stated in note 2 of the referenced workpaper, including the revision stated in your response to MCC-106.

d. Please provide all supporting data and workpapers for the Peak Transmission - Residential, Firm General (Small and Large) customers – as shown in the referenced workpaper.

Response:

a. Please see the enclosed CD file name "MCC-174 a" for the Regression Analysis supporting normalized volumes, degree days per customer and daily baseload use per customer. Please see Statement Workpapers Statement H, pages 16-18 for the Pro Forma customers. Changes made to the peak day deliveries for Factor 2 and Factor 5 will not change the regression analysis provided on the enclosed CD.

b. Please see Response No. MCC-174 a. above.

c. Please see MCC-174 Attachment A. The peak day deliveries include the pipeline deliveries to the town border stations and the transmission level deliveries.

d. Please see Statement Workpapers, Statement L, page L-22, and Response No. MCC-174 Attachment A.

Montana Peak Day Deliveries 1/31/2011
MCC-174 c. Attachment A

Total

Year	MT
2011	105,324

ransport

Year	MT
2011	15,665

Sales

Year	MT
2011	89,659

Montana	2011
Sales	89,659
Transpor	15,665
Total	105,324

MT Peak Sendout

		WBI		Northwestern Energy			Total
Year	Date	Mcf	Dk	Mcf	Dth	Mcf	Dk
2011	1/31/2011	95,008	98,115	6,814	7,209	101,822	105,324

Montana Sales Volumes	89,659	Dk
Less Rate 71 Interruptible Sales Volumes:	211	Dk
	89,448	

MONTANA-DAKOTA UTILITIES CO.
GAS UTILITY - MONTANA
EMBEDDED COST OF SERVICE STUDY
PRO FORMA 2012
REVISED-PEAK DAY DELIVERIES - FACTOR NOS. 2 & 5

	Res	Small Firm General	Large Firm General	Total Firm	Small IT Sales	Small IT Transport	Large IT Sales	Large IT Transport	Total	
Use per Degree Day per customer 1/	0.01155	0.02631	0.1569							
Multipled by: Peak Day Degree Days	68	68	68							
Heating use per day per customer	0.7854	1.78908	10.6692							
Daily Baseload per customer 1/	0.04849	0.03523	0.85061							
Total Peak Day Use/Customer	0.83389	1.82431	11.51981							
Pro Forma Customers January 2011 1/	72,160	6,837	2,191							
Total Peak Day Use (Calculated)	60,174	12,473	25,240	97,887						
Class Ratio	61.48%	12.74%	25.78%							
Allocated Actual Peak Day Use 2/	54,992	11,396	23,060	89,448						
Interruptible assigned on 100% load factor					599	1,880	0	11,501	13,980	
Total Peak Day Use	54,992	11,396	23,060	89,448	599	1,880	0	11,501	103,428	**Factor #2**
Less: Peak Transmission Dk 100% load factor	507	30	145	682	356	116	0	6,587	7,741	
Distribution Level Peak Dk	54,485	11,366	22,915	88,766	243	1,764	0	4,914	95,687	**Factor #5**

1/ Regression Analysis supporting weather normalized volumes.
2/ Peak 1/31/2011 Sales 89,448 times the ratio by Residential and Firm General customer class