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March 28, 2008

Illona A. Jeffcoat-Sacco, Executive Secretary
North Dakota Public Service Commission
State Capitol Building, Dept. 408
600 East Boulevard
Bismarck, ND 58505-0480

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PUBLIC SERVICE COMMISSION

RE: 2007 North Dakota Electric and Natural Gas Meter Test Summary Reports

Dear Ms. Jeffcoat-Sacco:

In accordance with sections 69.09.01.16 and 69.09.02.28 of the North Dakota Administrative Code, enclosed are summary reports for Northern States Power Company's (d/b/a Xcel Energy) 2007 calendar year electric and natural gas meter testing results in North Dakota.

Please call or email me if you have any questions.

Sincerely,

David H. Sederquist
Sr. Consultant, Regulation & Finance
Xcel Energy

Enclosures

**Xcel Energy - North Dakota
Electric Meter Testing
Summary of 2007 Results**

New Meters	#	%
Total Number of Meters Tested.....	27	
Meters Tested Within Tolerance ¹	27	100.0%
Meters Tested Slow ²	0	0.0%
Meters Tested Fast ³	0	0.0%
In-Service Meters		
(Customer Requested)	#	%
Total Number of Meters Tested.....	46	
Meters Tested Within Tolerance.....	46	100.0%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%
(Reconditioned / Re-Serviced)	#	%
Total Number of Meters Tested.....	545	
Meters Tested Within Tolerance.....	540	99.1%
Meters Tested Slow.....	1	0.2%
Meters Tested Fast.....	1	0.2%
Did Not Register.....	3	0.6%
(Random Tests)	#	%
Total Number of Meters Tested.....	159	
Meters Tested Within Tolerance.....	159	100.0%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%
Did Not Register.....	0	0.0%
(Periodic Tests)	#	%
Total Number of Meters Tested.....	17	
Meters Tested Within Tolerance.....	17	100.0%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%
(Special Tests - Interchange / Large Customer)	#	%
Total Number of Meters Tested.....	0	
Meters Tested Within Tolerance.....	0	0.0%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%

(Automated Energy Services Tests)⁴	#	%
Total Number of Meters Tested.....	172	
Meters Tested Within Tolerance.....	169	98.3%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%
Did Not Register.....	3	1.7%
(Low Consumption / CBO Request)		
Total Number of Meters Tested.....	0	
Meters Tested Within Tolerance.....	0	0.0%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%
(Tamper Suspected)		
Total Number of Meters Tested.....	3	
Meters Tested Within Tolerance.....	2	66.7%
Meters Tested Slow.....	1	33.3%
Meters Tested Fast.....	0	0.0%
(Manufacturer Defect)		
Total Number of Meters Tested.....	0	
Meters Tested Within Tolerance.....	0	0.0%
Meters Tested Slow.....	0	0.0%
Meters Tested Fast.....	0	0.0%
(Test Results Available Upon Request)		
Total 2005 Electric Meter Testing for North Dakota:	969	
<p>¹ Meters that test within tolerance have an average error within plus or minus 2% of accurate</p> <p>² Meters that test slow (under measuring) have an average error greater than minus 2% of accurate</p> <p>³ Meters that test fast (over measuring) have an average error greater than plus 2% of accurate</p> <p>⁴ Meters that were tested after they were retrofitted with a CellNet AMR module. The as-found test results do not truly indicate the in-service condition of the meters.</p>		