

NORTHERN NATURAL GAS COMPANY
 MARKET AREA ENTITLEMENT - 1996
 CARLTON VOLUMES SUBJECT TO FLOW OBLIGATIONS
 FOR 2017/2018 HEATING SEASON

Company	Market Area Adjusted Peak Day Entitlement	"Sourcer" New Carlton Resolution Obligation 1/	Other Carlton Obligation	Total Carlton Flow Obligation
Madison Gas and Electric Company	56,219	4,420		4,420
Manilla Municipal Gas Dept	500	40		40
Manning Municipal Gas Dept	916	72		72
Metropolitan Utilities District	179,500	14,116		14,116
MidAmerican Energy Company	390,119	30,679		30,679
MidAmerican Energy Services, LLC	10,000	786		786
Midwest Natural Gas, Inc.	13,839	1,088		1,088
Minnesota Energy Resources Corporation	163,705	12,874		12,874
Minnesota Mining & Manufacturing Co	400	31		31
National Public Gas Agency	900	70		70
New Ulm Public Utilities Commission	637	50		50
Nicor Gas Company	186,058	14,633		14,633
Northern States Power Company-MN	361,740	28,447	2,402	30,849
Northern States Power Company-WI	62,970	4,952	1,585	6,537
Northwest Natural Gas LLC	2,675	210		210
Northwestern Corporation	49,283	3,876		3,876
Osage Minicipal Utilities	1,500	118		118
Owatonna Public Utilities	10,001	787		787
Preston Municipal Natural Gas Department	570	45		45
Rock Energy Cooperative	2,480	195		195
Rock Rapids Municipal Utilities	900	71		71
Semco Energy, Inc d/b/a/ Semco Energy Gas	45,917	3,611		3,611
Sheehan's Gas Company	1,584	125		125
St Croix Valley Natural Gas	6,839	538	57	595
Superior Water Light & Power	12,813	1,008	218	1,226
Town of Brooklyn	500	39		39
Town of Sabula	368	29		29
United States Gypsum Company	0	0	485	485
United States Steel Corporation	0	0	448	448
Viroqua Gas Company, a division of Madison Gas and Electric	2,389	188		188
Wisconsin Gas LLC	109,050	8,576	1,138	9,714
Wisconsin Power and Light Company	67,576	5,316		5,316
Woodbine Municipal Natural Gas Systems	823	65		65
World Fuel Services, Inc.	2,650	208		208
TOTAL UNITS FOR ACTIVE SOURCERS	3,141,122	247,021	11,128	258,149
ENTITLEMENT OF SOURCERS WHO LEFT NORTHERN'S SYSTEM	<u>37,815</u>			
TOTAL UNITS	3,178,937			

1/ Reflects obligation after Appendix B customers' election to source or buyout.