

NORTHERN NATURAL GAS COMPANY  
 MARKET AREA ENTITLEMENT - 1996  
 CARLTON VOLUMES SUBJECT TO FLOW OBLIGATIONS  
 FOR 2018/2019 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	4,434		4,434
Manilla Municipal Gas Dept	500	40		40
Manning Municipal Gas Dept	916	72		72
Metropolitan Utilities District	179,500	14,159		14,159
MidAmerican Energy Company	390,119	30,773		30,773
MidAmerican Energy Services, LLC	10,000	788		788
Midwest Natural Gas, Inc.	13,839	1,092		1,092
Minnesota Energy Resources Corporation	163,705	12,913		12,913
Minnesota Mining & Manufacturing Co	400	32		32
National Public Gas Agency	900	70		70
New Ulm Public Utilities Commission	637	50		50
Nicor Gas Company	186,058	14,678		14,678
Northern States Power Company-MN	361,740	28,534	2,402	30,936
Northern States Power Company-WI	62,970	4,967	1,585	6,552
Northwest Natural Gas LLC	2,675	211		211
Northwestern Corporation	49,283	3,888		3,888
Osage Minicipal Utilities	1,500	118		118
Owatonna Public Utilities	10,001	789		789
Preston Municipal Natural Gas Department	570	45		45
Rock Energy Cooperative	2,480	196		196
Rock Rapids Municipal Utilities	900	71		71
Semco Energy, Inc d/b/a/ Semco Energy Gas	45,917	3,622		3,622
Sheehan's Gas Company	1,584	125		125
St Croix Valley Natural Gas	6,839	539	57	596
Superior Water Light & Power	12,813	1,011	218	1,229
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	8,602	1,138	9,740
Wisconsin Power and Light Company	67,576	5,332		5,332
Woodbine Municipal Natural Gas Systems	823	65		65
World Fuel Services, Inc.	2,650	209		209
TOTAL UNITS FOR ACTIVE SOURCERS ENTITLEMENT OF SOURCERS WHO LEFT NORTHERN'S SYSTEM	3,131,506 <u>37,815</u>	247,017	11,128	258,145
TOTAL UNITS	3,169,321			

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