

29.5 Carlton Volumes Subject to Flow Obligations

Schedule No. 1A

**NORTHERN NATURAL GAS COMPANY
 MARKET AREA ENTITLEMENT - 1996
 CARLTON VOLUMES SUBJECT TO FLOW OBLIGATIONS
 FOR 2024/2025 HEATING SEASON**

Company	Market Area Adjusted Peak Day Entitlement	"Sourcer" New Carlton Resolution Obligation 1/	Other Carlton Obligation	Total Carlton Flow Obligation
Al-Corn Clean Fuel	0	0	90	90
Archer Daniels Midland Company	7,000	554		554
Austin Utilities	12,100	958		958
Black Hills Service Company, LLC	186,589	14,749	957	15,706
Black Hills Energy Services Company 2/		11		11
Symmetry Energy Solutions, LLC. (MN) 2/		3		3
Woodriver Energy LLC 2/		3		3
Constellation Energy Generation, LLC 2/		6		6
Cardinal FG Company	7,116	563		563
Cargill, Incorporated	12,375	979		979
Cedar Falls Utilities	12,200	966		966
CenterPoint Energy Minnesota Gas	823,855	65,223	227	65,450
CF Industries Nitrogen, LLC	27,000	2,138		2,138
Circle Pines Utilities	2,675	212		212
City of Duluth, MN	31,925	2,526		2,526
City of Everly	250	20		20
City of Fairbank, IA	450	36		36
City of Fremont, NE	10,000	792		792
City of Ponca, NE	340	27		27
City of Two Harbors, MN	2,430	192	25	217
City of Virginia, MN	2,346	186	123	309
Cleveland-Cliffs Inc.	0	0	3,357	3,357
Community Utility Company	900	71		71
Flint Hills Resources, LP	35,000	2,771		2,771
Great Plains Natural Gas Co.	21,764	1,723	6	1,729
Hibbing Public Utilities Commission	3,068	243	10	253
Hutchinson Utility Commission	1,911	150		150
Interstate Power and Light Company	174,446	13,810		13,810
Jo-Carroll Energy, Inc. (NFP)	3,100	245		245

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

2/ Shipper acquired capacity and sourcing obligation from Black Hills Service Company, LLC.

**NORTHERN NATURAL GAS COMPANY
 MARKET AREA ENTITLEMENT - 1996
 CARLTON VOLUMES SUBJECT TO FLOW OBLIGATIONS
 FOR 2024/2025 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	4,450		4,450
Metropolitan Utilities District	179,500	14,211		14,211
MidAmerican Energy Company	390,119	30,884		30,884
MidAmerican Energy Services, LLC	10,000	792		792
Midwest Natural Gas, Inc.	13,839	1,095		1,095
Minnesota Energy Resources Corporation	163,705	12,960		12,960
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	14,731		14,731
Northern States Power Company-MN	361,740	28,637	2,402	31,039
Northern States Power Company-WI	62,970	4,986	1,585	6,571
Northwest Natural Gas LLC	2,675	212		212
Northwestern Energy Public Service Corporation	49,283	3,902		3,902
Osage Municipal Utilities	1,500	119		119
Owatonna Public Utilities	10,001	792		792
Rock Energy Cooperative	2,480	196		196
Semco Energy, Inc d/b/a/ Semco Energy Gas	45,917	3,635		3,635
Sheehan's Gas Company	1,584	125		125
St Croix Valley Natural Gas	6,839	541	57	598
Superior Water Light & Power	12,813	1,014	218	1,232
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 Company	2,389	189		189
Wisconsin Gas LLC	109,050	8,633	1,138	9,771
Wisconsin Power and Light Company	67,576	5,351		5,351
World Fuel Services, Inc.	2,650	210		210
TOTAL UNITS FOR ACTIVE SOURCERS	3,119,684	246,974	11,128	258,102
ENTITLEMENT OF SOURCERS WHO LEFT NORTHERN'S SYSTEM	38,166			
TOTAL UNITS	3,157,850			

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