

SCHEDULE NO. 1A

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
Al-Corn Clean Fuel	0	0	90	90
Archer Daniels Midland Company	7,000	552		552
Austin Utilities	12,100	954		954
Black Hills Gas Distribution, LLC	292	23		
Black Hills Energy Services Company 2/				13
Centerpoint Energy Services, Inc. (MN) 2/				2
Vista Energy Marketing, LP 2/				1
CNE Gas Supply, LLC 2/				7
Black Hills Utility Holdings, Inc.	186,297	14,696	957	15,653
Cardinal IG	7,116	561		561
Cargill, Incorporated	12,375	976		976
Cascade Municipal Utilities	1,050	83		83
CenterPoint Energy Minnesota Gas	789,735	62,296	227	62,523
CF Industries Nitrogen, LLC	27,000	2,130		2,130
Circle Pines Utilities	2,675	211		211
City of Duluth, MN	31,925	2,517		2,517
City of Everly	250	20		20
City of Fairbank, IA	450	35		35
City of Fremont, NE	10,000	789		789
City of Gilmore, IA	275	22		22
City of Hartley, IA	1,050	83		83
City of Hawarden, IA	1,803	142		142
City of Ponca, NE	340	27		27
City of Remsen, IA	1,184	94		94
City of Rolfe, IA	450	36		36
City of Round Lake, MN	125	10		10
City of Sac City, IA	1,200	95		95
City of Sanborn, IA	956	75		75
City of Sioux Center	1,800	142		142
City of Two Harbors, MN	2,430	191	25	216
City of Virginia, MN	2,346	185	123	308
City of Waukeg	700	55		55
City of West Bend, IA	900	71		71
City of Whittemore, IA	475	37		37
Cleveland-Cliffs Inc.	0	0	3,357	3,357
Coon Rapids Municipal Utilities	860	68		68
Emmetsburg Municipal Gas Works	2,516	199		199
Flint Hills Resources, LP	35,000	2,761		2,761
Graettinger Municipal Gas	541	43		43
Great Plains Natural Gas Co.	21,764	1,718	6	1,724
Guthrie Center Municipal Utilities	1,400	110		110
Harlan Municipal Utilities	2,610	206		206
Hibbing Public Utilities Commission	3,068	242	10	252
Hutchinson Utility Commission	1,911	150		150
Interstate Power and Light Company	174,446	13,760		13,760
Jo-Carroll Energy, Inc. (NFP)	3,100	245		245
Lake Park Municipal Utilities	450	35		35
LSP Cottage Grove, L.P.	34,120	2,691		2,691

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

2/ Shipper acquired capacity and sourcing obligation from Black Hills Gas Distribution, LLC.