



505 Nicollet Mall
PO Box 59038
Minneapolis, MN 55459-0038

PUBLIC DOCUMENT

Trade Secret Information has been Excised

November 1, 2017

Mr. Daniel Wolf
Executive Secretary
Minnesota Public Utilities Commission 350
Metro Square Building
121 East Seventh Place, Suite 350 St.
Paul, Minnesota 55101-2147

**Re: CenterPoint Energy 's Request for Change in Demand Units, Supplemental Filing
Docket No. G008/M-17-533**

Dear Mr. Wolf:

Enclosed please find revisions to several exhibits of CenterPoint Energy Resources Corp. d/b/a CenterPoint Energy Minnesota Gas (Company) Request for Change in Demand Units. On July 1, 2017, in Docket No. G008/M-17-533, the Company filed a request for Change in Demand Units. Herein, the Company provides supplemental information that updates items in the Demand portfolio since the initial filing.

In the present filing, CenterPoint Energy has:

- Updated its Base/Variable split – see Exhibit C, Page 1 for NNG schedule
- Updated rates –discount rate decreased slightly from initial filing
- Added 20,000 Dth/day of winter entitlement on Viking
- Updated Supplier Demand / Seasonal Reservation portfolio for 2017-18 Winter
- Updated Storage (NGPL) Demand charge allocation between Firm and SVDF customers

These changes will be reflected in the Company's November 2017 Purchased Gas Adjustment billing rates.

The Company provides additional information to support the additional proposed changes made to the demand portfolio since its initial filing in July 2017.

Viking Entitlement:

A firm transportation agreement was signed with Viking Pipeline on 8/3/17 for Emerson to Pierz/Chisago capacity for a term of November 1, 2017 through October 31, 2022 (20,000dth/day), max rate. This capacity is in line with our NNG firm capacity at Chisago and Piez and will be utilized on a design day.

Supplier Demand:

CenterPoint Energy updated its annual supplier demand profile, which contains contracts for seasonal swing supplies. The expenses are due regardless of how much gas is called upon over the winter season,

and costs are allocated 75% to Demand and 25% to Commodity.

NGPL Storage Allocation –

CenterPoint Energy updated its NGPL Demand storage allocation, as it has done annually, based upon the upcoming winter’s estimate of sales volumes. The Company used its 2017 Rate Case sales forecast for this allocation to reflect the expected split between Firm and Small Dual Fuel sales estimates.

The overall demand costs have decreased about \$267,000 when compared to the annual demand costs billed in October 2017. The customer bill impact has decreased from \$0.8047/Dth to \$0.8022/Dth, or about \$0.23 annually for a customer using 923 therms, which is the final use-per-customer sales volume estimate authorized in the Company’s 2015 Rate Case - Docket No. G008/GR-15-424.

Estimate of Annual Demand Costs

October	92.3 x \$0.8047 =	\$74.27 per year before “smoothing” adjustment
November	92.3 x \$0.8022 =	\$74.04 per year before “smoothing”
Difference		(\$0.23) per year

CenterPoint Energy Resources Corp. d/b/a CenterPoint Energy Minnesota Gas has designated information in this document as trade secret. Specifically, Exhibit A, pages 1 and 2, Exhibit B, page 3, and Exhibit C, pages 2 and 3. The information meets the definition of trade secret in Minn. Stat. 13.37 subd.1(b) as follows: (1) the information was supplied by CenterPoint Energy, the affected organization; (2) CenterPoint Energy has taken all reasonable efforts to maintain the secrecy of the information, including protecting it from disclosure in this document; and (3) the protected information contains gas supply contract information which derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by other persons who can obtain economic value from its disclosure or use.

The attached pages detail the implementation of CenterPoint Energy's 2017-2018 Heating Season Supply Plan. Please contact me at (612) 321-5078 if you have any questions.

Sincerely,

/s/_____

Marie M. Doyle

Regulatory Analyst

Regulatory Services

Marie.Doyle@CenterPointEnergy.com

**Filing Upon a Change in Demand
Minn. Rule 7829.1300, Subp. 2**

CenterPoint Energy Summary of Exhibits

EXHIBIT A Page 1 and 2 *Annual Demand Cost Calculation - Proposed November 1, 2017
Page 3 *Annual Demand Cost Calculation - Effective October 1, 2017

EXHIBIT B Additional Information Request from the Department of Commerce Additional information pursuant to the Department's request to all utilities concerning demand entitlement changes dated October 1, 1993.

B, page 3 *Revised - Demand Profile (Non-Public)

B, page 4 Revised - Historic gas price change comparisons – Bill Impact

EXHIBIT C Supporting documentation
C, Page 1 – * Northern Natural Gas Base/Variable
C, Page 2 - * Supplier Demand Profile
C, Page 3 - * NGPL – Firm / SVDF allocation

NOTE: "*" denotes Non-Public Document

Proposed Effective: November 1, 2017

CenterPoint Energy - Minnesota Gas
PUBLIC DATA
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Demand Summary

Rows marked
 with an "X" are
 considered
 Trade Secret

	Pipeline	Contract Type	Season	Rate Type	(DTH)	RATE	Number of Mo.	Annual Cost	Change s from July
X									1
X									1
X									
X									
X									1
X									1
X									
X									
X									A
X									A
X									A
X									1
X									1
X									1
X									1
X									
X									
X									B
X									B
X									
X									C
X									C
X									D
X									2
X									
X									D
X									2
X									
X									D
X									2
X									
X									D
X									2
X									
X									D,E
X									2
X									E
X									2
X									F
X									F
X									
X									
X									
X									
X									G
X									G

Total NNG Demand Bill \$62,438,712

Proposed Effective: November 1, 2017

CenterPoint Energy - Minnesota Gas
PUBLIC DATA
 Trade Secret Information has been Excised

Demand Summary

Rows marked
 with an "X" are
 considered
 Trade Secret

Change
 s from
 July

	Pipeline	Contract Type	Season	Rate Type	(DTH)	RATE	Number of Mo.	Annual Cost	
X									
X									
X									
							Total Viking Demand Bill	\$3,454,543	H 3
X									
X									

SUPPLY DEMAND

							Allocation	
X								4
X								5
X								I
X								
X								
X								
X								
X								
X								

Plus: Propane Costs	\$226,795
Annual Estimated Demand Expense	\$86,801,411
Divided by: Annual Demand Volume	1,082,024,750
Rate	\$0.08022
Rate 10/2017 Before Adj	\$0.08047
New Annual Cost (Therms: 923)	\$74.04
Change in Annual Bill	(\$0.23)

Footnotes:

- A Additional Units contracted in non-discount area - Growth elections
- B Increase in volumes from 4,379 to 6,963 - additional 2,584 year-round
- C Increase of 600 Units year-round
- D New discount rate - reduction in per-unit
- E Additional Units - 940 Winter / 734 Summer contracted in last growth cycle (2015) to be added 11-1-2017
- F Additional units - growth election 40,328 Winter / 21,015 year-round units
- G Updated estimates of units eligible for commodity credit
- H Viking Entitlement - contracted year to year. Not available this winter due to demand on Viking.
- I Contracted additional Storage on NNG - propose allocation based on contract terms

Notes for November:

- 1 New Base/variable
- 2 Revised Discount rate - Final
- 3 Additional Viking -
- 4 Supplier Demand (seasonal reservation) -02017-18 contracts
- 5 Allocation of NGPL - less SVDF sales -
- 6 Firm Sales Projection - 2015 Rate Case Sales - Docket No. G-008/GR-15-424

CenterPoint Energy Demand Profile
2017-2018

NON-PUBLIC INFORMATION
Contains Trade Secret Information
Exhibit B3
Page 1 of 3

Pipeline	Contract Type	Season	Rate Type	Filed Dec	Filed July	FINAL	Filed July	FINAL Nov	Jul-17	Nov-17	
				2015	2016	Nov/Dec 2016	2017	2017	Change from "FINAL Nov/Dec 16"	Change from "Filed July 2017"	
				15-644	16-571	16-571	17-533	17-533			
[TRADE SECRET DATA BEGINS...]											
(1)	Northern Natural										
(2)	Northern Natural										
(3)	Northern Natural										
(4)	Northern Natural										
(5)	Northern Natural										
(6)	Northern Natural										
(7)	Northern Natural										
(8)	Northern Natural										
(9)	Northern Natural									A	
(10)	Northern Natural									A	
(11)	Northern Natural									A	
(12)	Northern Natural										
(13)	Northern Natural										
(14)	Northern Natural										
(15)	Northern Natural										
(16)	Northern Natural										
(17)	Northern Natural										
(18)	Northern Natural									B	
(19)	Northern Natural									B	
(20)	Northern Natural										
(21)	Northern Natural										
(22)	Northern Natural									C	
(23)	Northern Natural									C	
(24)	Northern Natural										
(25)	Northern Natural										
(26)	Northern Natural										
(27)	Northern Natural										
(28)	Northern Natural										
(29)	Northern Natural										
(30)	Northern Natural										
(31)	Northern Natural										
(32)	Northern Natural										
(33)	Northern Natural										
(34)	Northern Natural										
(35)	Northern Natural										
(36)	Northern Natural									E	
(37)	Northern Natural									E	
(38)	Northern Natural									F	
(39)	Northern Natural									F	
(40)											
(41)											
(42)											
(43)			Total NNG Demand Winter	1,021,056	1,021,056	1,025,375	1,079,602	1,079,602	54,227	0	
(44)			Total NNG Demand Summer	574,667	574,667	575,466	606,428	606,428	30,962	0	
(45)			Total	1,595,723	1,595,723	1,600,841	1,686,030	1,686,030	85,189	85,189	
(46)											
(47)											
(48)	Northern Natural	Waterville		50,000	50,000	50,000	50,000	50,000	0	0	
(49)	Northern Natural	Backhaul	Winter	50,000	50,000	50,000	50,000	50,000	0	0	
(50)	Northern Natural	SMS		30,000	30,000	30,000	30,000	30,000	0	0	
(51)											
(52)	[TRADE SECRET DATA BEGINS...]										
(53)	VIKING PIPELINE										
(54)	VIKING PIPELINE										
(55)	VIKING PIPELINE									H	
(56)											
(57)			Total Viking Demand	66,809	66,809	66,809	56,809	76,809	(10,000)	20,000	
(58)											
(59)	Trailblazer	FTS Backhaul	Winter Discounted	100,000	100,000	100,000	100,000	100,000	0	0	
(60)											
(61)	[TRADE SECRET DATA BEGINS...]										
(62)	Seasonal Reservation *									L	
(63)	Storage NGPL										
(64)	Storage Tennaska										
(65)	Storage BP Canada										
(66)	Storage NNG									I	
(67)	Waterville - Underground (Medford)										
(68)											
(69)											
(70)	Peaking Service *					6,000	10,000	0	4,000	(10,000)	
(71)	LNG Peak Shaving			72,000	72,000	72,000	72,000	72,000	0	0	
(72)	Propane Peak Shaving			171,000	180,200	180,200	158,000	158,000	(22,200)	0	
(73)										K	
(74)	NNG/Viking Overlap			(24,914)	(24,914)	(24,914)	(26,815)	(26,815)			
(75)											
(76)	Total Capacity			1,355,951	1,365,151	1,375,470	1,399,596	1,409,596	24,126	10,000	
(77)	Total Peak-Shaving Capacity/On-line Storage			293,000	302,200	308,200	290,000	280,000	(18,200)	(10,000)	

**CenterPoint Energy Demand Profile
2017-2018**

NON-PUBLIC INFORMATION
Contains Trade Secret Information
Exhibit B3
Page 2 of 3

Pipeline	Contract Type	Season	Rate Type	Filed Dec	Filed July	FINAL	Filed July	FINAL Nov	Jul-17	Nov-17
				2015	2016	Nov/Dec 2016	2017	2017	Change from "FINAL Nov/Dec 16"	Change from "Filed July 2017"
				15-644	16-571	16-571	17-533	17-533		
[TRADE SECRET DATA BEGINS...]										
(78)	Total Annual Transportation			631,476	631,476	632,275	663,237	663,237		0
(79)	Total Seasonal Transportation (Adj for NNG/Viking overlap)			1,062,951	1,062,951	1,067,270	1,109,596	1,129,596	30,962	20,000
(80)	Total Capacity			21.6%	22.1%	22.4%	20.7%	19.9%		
(81)	% of Total Capacity			46.6%	46.3%	46.0%	47.4%	47.1%		
(82)	as % of Total Capacity			78.4%	77.9%	77.6%	79.3%	80.1%		
(83)	Transportation as % of			62.7%	62.7%	62.8%	62.6%	63.0%		
(84)										
(85)	Design Day			1,317,000	1,328,000	1,328,000	1,357,000	1,367,000	29,000	10,000
(86)	Physical Res			36,000	36,000	36,000	36,000	36,000	0	0
(87)	Total			1,353,000	1,364,000	1,364,000	1,393,000	1,403,000	29,000	10,000
(88)										
(89)	Pipeline			1,062,951	1,062,951	1,067,270	1,109,596	1,129,596	42,326	20,000
(90)	Peaking			293,000	302,200	308,200	290,000	280,000	(18,200)	(10,000)
(91)	Net Supply			1,355,951	1,365,151	1,375,470	1,399,596	1,409,596	24,126	10,000
(92)										
(93)	Avail Net Cap			2,951	1,151	11,470	6,596	6,596	(4,874)	0
(94)	%			0%	0%	1%	0.5%	0.5%		
(95)										
(96)	Avail incl Physical			38,951	37,151	47,470	42,596	42,596	(4,874)	0
(97)	%			3%	3%	3%	3.1%	3.0%		

Footnotes:

- A Additional Units contracted in non-discount area - Growth elections (lines 9,10,11)
- B Increase in volumes from 4,379 to 6,963 - additional 2,584 year-round (lines 23,24)
- C Increase of 600 Units year-round
- D New discount rate - reduction in per-unit
- E Additional Units - 940 Winter / 734 Summer contracted in last growth cycle (2015) to be added 11-1-2017
- F Additional units - growth election 40,328 Winter / 21,015 Summer units
- G
- H Viking Entitlement - contracted 20,000
- I Contracted additional Storage on NNG - propose allocation based on contract terms
- J Peaking Service - did not contract
- K Reduction in Propane deliverability total on Peak

	Last Rate Case (G008/MR-15- 728 and GR- 15-524)	Last Demand Change (G008/M-16- 571) (12/2016)	October 1, 2017	November 2017 PGA (M-17-533)	Change From Last Rate Case	Change From Last Demand Change	Percent Change (%) From Most Recent PGA	Change (\$) From Most Recent PGA
Residential								
Commodity Cost of Gas (WACOG) (4)	\$2.9117	\$3.3747	\$2.7544	\$3.0030	3.14%	-11.01%	9.03%	\$0.2486
Demand Cost of Gas (1)	\$0.7523	\$0.8070	\$0.8047	\$0.8022	6.63%	-0.59%	-0.31%	(\$0.0025)
Commodity Margin (2) (3)	\$2.0648	\$2.1669	\$2.2201	\$2.2201	7.52%	2.46%	0.00%	\$0.0000
Total Cost of Gas	\$5.7288	\$6.3486	\$5.7792	\$6.0253	5.18%	-5.09%	4.26%	\$0.2461
Average Annual Usage (Dk)	100	100	100	100				
Average Annual Total Cost of Gas	\$572.88	\$634.86	\$577.92	\$602.53	5.18%	-5.09%	4.26%	\$24.61
Average Annual Total Demand Cost of Gas								(\$0.25)

	Last Rate Case (G008/MR-15- 728 and GR- 15-524)	Last Demand Change (G008/M-16- 571) (12/2016)	October 1, 2017	November 2017 PGA (M-17-533)	Change From Last Rate Case	Change From Last Demand Change	Percent Change (%) From Most Recent PGA	Change (\$) From Most Recent PGA
Commercial/Industrial Firm - A								
Commodity Cost of Gas (WACOG)	\$2.9117	\$3.3747	\$2.7544	\$3.0030	3.14%	-11.01%	9.03%	\$0.2486
Demand Cost of Gas (1)	\$0.7523	\$0.8070	\$0.8047	\$0.8022	6.63%	-0.59%	-0.31%	(\$0.0025)
Commodity Margin	\$2.0658	\$2.1679	\$2.2211	\$2.2211	7.52%	2.45%	0.00%	\$0.0000
Total Cost of Gas	\$5.7298	\$6.3496	\$5.7802	\$6.0263	5.17%	-5.09%	4.26%	\$0.2461
Average Annual Usage (Dk)	80	80	80	80				
Average Annual Total Cost of Gas	\$458.38	\$507.97	\$462.42	\$482.10	5.17%	-5.09%	4.26%	\$19.69
Average Annual Total Demand Cost of Gas								(\$0.20)

	Last Rate Case (G008/MR-15- 728 and GR- 15-524)	Last Demand Change (G008/M-16- 571) (12/2016)	October 1, 2017	November 2017 PGA (M-17-533)	Change From Last Rate Case	Change From Last Demand Change	Percent Change (%) From Most Recent PGA	Change (\$) From Most Recent PGA
Commercial/Industrial Firm - B								
Commodity Cost of Gas (WACOG)	\$2.9117	\$3.3747	\$2.7544	\$3.0030	3.14%	-11.01%	9.03%	\$0.2486
Demand Cost of Gas (1)	\$0.7523	\$0.8070	\$0.8047	\$0.8022	6.63%	-0.59%	-0.31%	(\$0.0025)
Commodity Margin	\$1.6740	\$1.7761	\$1.8293	\$1.8293	9.28%	3.00%	0.00%	\$0.0000
Total Cost of Gas	\$5.3380	\$5.9578	\$5.3884	\$5.6345	5.55%	-5.43%	4.57%	\$0.2461
Average Annual Usage (Dk)	2,860	2,860	2,860	2,860				
Average Annual Total Cost of Gas	\$15,266.68	\$17,039.31	\$15,410.82	\$16,114.67	5.55%	-5.43%	4.57%	\$703.85
Average Annual Total Demand Cost of Gas								(\$7.15)

	Last Rate Case (G008/MR-15- 728 and GR- 15-524)	Last Demand Change (G008/M-16- 571) (12/2016)	October 1, 2017	November 2017 PGA (M-17-533)	Change From Last Rate Case	Change From Last Demand Change	Percent Change (%) From Most Recent PGA	Change (\$) From Most Recent PGA
Commercial/Industrial Firm - C								
Commodity Cost of Gas (WACOG)	\$2.9117	\$3.3747	\$2.7544	\$3.0030	3.14%	-11.01%	9.03%	\$0.2486
Demand Cost of Gas (1)	\$0.7523	\$0.8070	\$0.8047	\$0.8022	6.63%	-0.59%	-0.31%	(\$0.0025)
Commodity Margin	\$1.5429	\$1.6450	\$1.6982	\$1.6982	10.07%	3.23%	0.00%	\$0.0000
Total Cost of Gas	\$5.2069	\$5.8267	\$5.2573	\$5.5034	5.69%	-5.55%	4.68%	\$0.2461
Average Annual Usage (Dk)	14,300	14,300	14,300	14,300				
Average Annual Total Cost of Gas	\$74,458.67	\$83,321.81	\$75,179.39	\$78,698.62	5.69%	-5.55%	4.68%	\$3,519.23
Average Annual Total Demand Cost of Gas								(\$35.75)


Summary	Commodity Change (\$/Dk)	Commodity Change (Percent)	Demand Change (\$/Dk)	Demand Change (Percent)	Total Change (\$/Dk)	Total Change (Percent)
Change from most recent PGA						
Customer Class						
Residential	\$0.2486	9.03%	-\$0.0025	-0.31%	\$24.61	4.26%
Commercial/Industrial Firm A	\$0.2486	9.03%	-\$0.0025	-0.31%	\$19.69	4.26%
Commercial/Industrial Firm B	\$0.2486	9.03%	-\$0.0025	-0.31%	\$703.85	4.57%
Commercial/Industrial Firm C	\$0.2486	9.03%	-\$0.0025	-0.31%	\$3,519.23	4.68%

- (1) Does not include Demand Smoothing Adjustment
- (2) Does not reflect Decoupling, GAP, Interim or GCR Factors.
- (3) Last Rate Case - tariff value. Others reflect current base rate plus CCRA at the thiem.
- (4) Rate Case Base value and WACOG for month in other columns

CenterPoint Energy Minnesota Gas Contract Summary

Row	Contract Number	Category	Service Type	Expiration Date	MDQ	
					Winter	Summer
[Trade secret data begins...]						
1						
2						
3						
4						
5						
6						
7						
8						
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40						

...Trade Secret data ends]

TERM	PIPELINE	POINT	SUPPLIER	PRICE	Prem	30 Nov	31 Dec	31 Jan	28 Feb	31 Mar	TOTALS
 CENTERPOINT ENERGY MINNESOTA SUPPLIER DEMAND WINTER 2017-2018 SWING SUPPLY											
[Trade secret data begins...											

...Trade Secret Data ends]

CenterPoint Energy Minnesota Gas
 NGPL Storage Costs

EFFECTIVE NOVEMBER 1, 2017
Proposed

TOTAL NGPL COST	RC 2017 Annual	RC 2018 Winter	Demand \$14,378,003	Commodity \$7,508,101	Total \$21,886,104
SV - Firm	107,437,552	75,918,986	\$0.1263	\$0.0898	
LV - Firm	365,385	218,081	\$1.2264	\$0.0898	
SV - Dual Fuel	6,637,721	4,303,366	\$0.1787	\$0.0898	
LV - Dual Fuel	7,156,285	3,183,532	\$0.0000	\$0.0898	
Total	121,596,943	83,623,964			

Total NGPL Storage Allocate to Firm and SVDF based on sales volume Allocate to All customers Based on Sales Volume	[TS Data begins... <div style="border: 1px solid black; width: 100px; height: 40px; margin: 5px auto;"></div> [TS Data ends]	Allocate to Firm and SVDF based on sales volume Allocate to All customers Based on Sales Volume
--	--	--

Based on Winter Sales Volumes - RATE CASE SALES

	RC 2017 Annual	RC 2018 Winter	Fixed Cost	Commodity	Total
SV - Firm	107,437,552	75,918,986	[Trades Secret Data begins... <div style="border: 1px solid black; width: 300px; height: 80px; margin: 5px auto;"></div> ..Trade Secret Data ends]		
LV - Firm	365,385	218,081			
SV - Dual Fuel	6,637,721	4,303,366			
LV - Dual Fuel	7,156,285	3,183,532			
Total	121,596,943	83,623,964			

RATE:

	Annual	Winter	Demand	Commodity	Total
SV - Firm	107,437,552	75,918,986	[Trades Secret Data begins... <div style="border: 1px solid black; width: 300px; height: 80px; margin: 5px auto;"></div> ..Trade Secret Data ends]		
LV - Firm (MDQ=2648.7)	365,385	218,081			
SV - Dual Fuel	6,637,721	4,303,366			
LV - Dual Fuel	7,156,285	3,183,532			
Total	121,596,943	83,623,964			

Annual Bill Impact:	UPC-annual	UPC-Winter	Demand	Commodity	Total
Residential	86.5	62.2	[Trades Secret Data begins... <div style="border: 1px solid black; width: 300px; height: 100px; margin: 5px auto;"></div> ..Trade Secret Data ends]		
Com-A	77.5	58.8			
C/I-B	2,802.0	208.2			
C/I-C	1,655.8	1,109.5			
LV-Firm	45,673.1	27,260.1			
SV-A	4,247.0	3,043.2			
SV-B	17,186.8	11,351.8			

AFFIDAVIT OF SERVICE

STATE OF MINNESOTA)
) ss.
COUNTY OF HENNEPIN)

Marie Doyle, being first duly sworn on oath, deposes and says she served via e filing or caused to be served electronically on behalf of CenterPoint Energy: its Supplemental Request for Change in Demand Units for the 2017-2018 heating season on the Minnesota Public Utilities Commission; on the Department of Commerce and; on the Office of the Attorney General - Residential Utilities Division; and on those on the attached service list requesting service electronically. A notification of its Request for Change in Demand Units report as described in Minn. Rules pt. 7825.2910, Subpart 3 was served on persons on the enclosed service list requesting paper, by delivering by hand at the respective addresses on the list or by placing in the U.S. Mail at the City of Minneapolis.

_____/s/_____
Marie Doyle
Regulatory Analyst, Regulatory Services
CenterPoint Energy

Subscribed and sworn to before me
this 1st day of November, 2017

_____/s/ Melodee S. Carlson Chang_____
Notary Public
Term expires: 01/31/2019

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Aafedt	daafedt@winthrop.com	Winthrop & Weinstine, P.A.	Suite 3500, 225 South Sixth Street Minneapolis, MN 554024629	Electronic Service	Yes	OFF_SL_17-533_M-17-533
Tamie A.	Aberle	tamie.aberle@mdu.com	Great Plains Natural Gas Co.	400 North Fourth Street Bismarck, ND 585014092	Electronic Service	No	OFF_SL_17-533_M-17-533
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