

Minnesota Energy Resources Corporation 2685 145th Street West Rosemount, MN 55068 www.minnesotaenergyresources.com

July 3, 2019

VIA ELECTRONIC FILING

Daniel P. Wolf Executive Secretary Minnesota Public Utilities Commission 121 Seventh Place East, Suite 350 St. Paul, MN 55101

> Re: Correction to 2018-2019 Demand Entitlement and Request for Variances to Allow for Correction through the Purchased Gas Adjustment

In the Matter of Minnesota Energy Resources Corporation's Petition for Approval of a Change in Demand Entitlement for its NNG System, Docket No. G011/M-18-526

Dear Mr. Wolf:

On August 1, 2018, Minnesota Energy Resources Corporation ("MERC" or the "Company") filed a Petition with the Minnesota Public Utilities Commission (the "Commission") for Change in Demand Entitlement for the MERC-NNG purchased gas adjustment ("PGA") area effective November 1, 2018. MERC submitted an update to its August 1, 2018 Demand Entitlement filing on November 1, 2018 and implemented the proposed change in rates effective November 1, 2018.

The Department submitted initial comments on MERC's Demand Entitlement Petition on December 31, 2018, recommending that the Minnesota Public Utilities Commission accept MERC's proposed levels of demand entitlement and permit the Company to recover the associated costs through the monthly PGA effective November 1, 2018, and requesting that MERC provide additional information in Reply Comments. MERC submitted Reply Comments providing the additional information as requested by the Department on January 10, 2019. On May 21, 2019, the Department filed Response Comments continuing to recommend that the Commission accept MERC's proposed level of demand entitlement and allow the Company to recover associated costs through the monthly PGA effective November 1, 2018.

Subsequently, Commission staff identified an error in MERC's treatment of Rochester capacity costs as reflected in the 2018-2019 Demand Entitlement schedules and monthly PGA as implemented November 1, 2018. In particular, in its May 5, 2017, Order Approving Rochester Project and Granting Rider Recovery with Conditions in Docket No. G011/M-15-895, the Commission approved recovery of the costs of the Northern Natural Gas ("NNG") interstate pipeline system upgrades from both firm and interruptible sales customers through the commodity portion of the purchased-gas adjustment.¹ However, MERC incorrectly included the additional Rochester capacity costs for recovery through the demand portion of the PGA, consistent with how other capacity costs are recovered. As a result, MERC's November 1, 2018 through June 30, 2019 demand costs were overstated and the corresponding commodity costs were understated.

Attachment A to this filing is a summary of the estimated impact of this PGA error. The total costs related to the Rochester capacity contract that were charged to firm service customers that should have been charged to interruptible and joint customers was approximately \$423,646. While the customer-

¹ In the Matter of a Petition by Minnesota Energy Resources Corporation for Evaluation and Approval of Rider Recovery for its Rochester Natural Gas Extension Project, Docket No. G011/M-15-895, Order Approving Rochester Project and Granting Rider Recovery with Conditions at 14-15 (May 5, 2017).

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specific impacts vary from general service over-collections to interruptible and joint service undercollections, an average Residential customer during this period was over-charged approximately \$1.53 while an average Small Volume Interruptible customer during this period was under-charged approximately \$815.46.

MERC proposes to correct this error by taking the following actions. First, MERC will move the Rochester capacity costs from demand to commodity effective with the July 1 PGA, consistent with the Commission's Order in Docket No. G011/M-15-895. MERC recalculated the demand and commodity rates in the original Attachment 4 to the NNG Demand Entitlement filing and includes that updated Attachment 4 as Attachment B to this filing. The corrected Attachment 4 shows the calculations as if the Rochester costs were assigned appropriately to commodity, and separately shows the addition of the Rochester costs to commodity consistent with MERC's treatment of storage contracts. These updated rates will be reflected in MERC's July PGA filing.

Second, MERC proposes correcting for the amounts that were billed through demand but should have been billed through commodity in the period November 1, 2018 through June 30, 2019 through the PGA over a six month period following Commission approval. In order to correct for the error in this manner, MERC requests that the Commission grant variances to Minn. R. 7825.2910; Minn. R. 7825.2700, subp.7²; Minn. R. 7825.2920, subp. 2³; 7820.4000⁴; and any other applicable rule as necessary to allow MERC to correct for the over- and under-charged amounts through the monthly PGA.

Minn. R. 7829.3200 provides that the Commission shall grant a variance to its rules when it determines that the following requirements are met:

A. enforcement of the rule would impose an excessive burden upon the applicant or others affected by the rule;

B. granting the variance would not adversely affect the public interest; and

C. granting the variance would not conflict with standards imposed by law.

Each of these requirements is met under the circumstances. First, enforcement of the applicable rules would impose an excessive burden upon MERC because issuing individual bill credits and additional bill

² Minn. R. 7825.2700, subp. 7 provides:

The true-up amount is the difference between the commodity and demand gas revenues by class collected by the utility and the actual commodity-delivered gas cost and demand-delivered gas cost by class incurred by the utility during the year. The true-up adjustment must be computed annually for each class by dividing the true-up amount by the forecasted sales volumes and applied to billings during the next 12-month period beginning on September 1 each year, provided that the adjustment has been filed under part 7825.2910, subpart 3.

³ Minn. R. 7825.2920, subp. 2 provides:

Subp. 2. Errors. Errors made in adjustment must be refunded by check or credits to bills to the consumer in an amount not to exceed the amount of the error plus interest computed at the prime rate upon the order of the commission if (1) the order is served within 90 days after the receipt of the filing defined in part 7825.2900 or 7825.2910 or at the end of the next major rate proceeding, whichever is later, and (2) the amount of the error is greater than five percent of the corrected adjustment charge.

⁴ Minn. R. 7820.4000, the Natural Gas Utility Billing Errors rule, provides:

When a customer has been overcharged or undercharged as a result of incorrect reading of the meter, incorrect application of rate schedule, incorrect connection of the meter, application of an incorrect multiplier or constant or other similar reasons, the amount of the overcharge shall be refunded to the customer or the amount of the undercharge may be billed to the customer as detailed in subparts 2 through 4.

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charges in accordance with the Natural Gas Utility Billing Errors Rule to all sales customers would be administratively difficult and would result in insignificant bill impacts in the majority of cases subject to rounding errors. MERC's proposal to correct for the error through the PGA-the same mechanism through which the contract costs were intended to flow in the first instance-would ensure that firm and interruptible sales customers as a class are appropriately charged for the Rochester capacity costs, and would avoid the confusion and potential for errors associated with the calculation and application of credits and charges to individual accounts. Further, authorizing MERC to implement adjustments to account for the correction over six months will ensure that customers are appropriately charged and refunded within a reasonable timeframe.

Second, granting the proposed variance requests would not adversely affect the public interest. The proposed correction will still ensure that all of MERC's sales customers (firm and interruptible) are accurately charged for the Rochester capacity costs in accordance with the Commission's decisions in Docket No. G011/M-15-895. If approved, MERC proposes to correct for the over- and under-collections through the NNG PGA commencing on the month following Commission approval, over a six month period.

Finally, granting the requested variances would not conflict with standards imposed by law. MERC is not aware of any laws that would be violated by the Commission's approval of the requested variances and its proposal to address this error. Further, the Commission has granted variances to the PGA and billing error rules to allow such adjustments in the past.⁵

MERC respectfully requests that the Commission grant its request to vary the requirements of the PGA rules, specifically, Minn. R. 7825.2910, Minn. R. 7825.2700, and Minn. R. 7825.2920; the natural gas billing errors rule, 7820.4000; and any other applicable rule as necessary to allow MERC to correct for the over- and under-charge amounts through monthly PGA over a six month period; so the Company can correct for the error.

Please contact me at (414) 221-2374 if you have any questions regarding the information in this filing. Thank you for your attention to this matter.

Sincerely,

Mary L. Wolker

Mary L. Wolter Director – Gas Regulatory Planning & Policy

Enclosures Service List CC:

⁵ For example, in Docket Nos. G999/AA-14-580, G011/AA-14-754 and G011/AA-14-755, MERC requested and was granted variances to address two prior-period errors that were identified. In the Matter of the Review of the 2013-2014 Annual Automatic Adjustment Reports and Annual Purchased Gas Adjustment True-up Filings, Docket No. G999/AA-14-580, ORDER ACCEPTING GAS UTILITIES' ANNUAL AUTOMATIC ADJUSTMENT REPORTS AND 2013-2014 TRUE-UP PROPOSALS AND SETTING FURTHER REQUIREMENTS at 4-6 (Aug. 24, 2015) (Order also filed in Docket Nos. G011/AA-14-754 and G011/AA-14-755).

Minnesota Energy Resources Corporation

Estimated Impact of Correction to 2018-2018 Demand Entitlement November 2018 - June 2019

Sales Forecast		GS	Interruptible	Joint
		63	interruptible	Joint
(approved in MR-17-564)		26 5 4 4 2 9 2	2 025 052	F 40.200
	ov-18	26,544,383	2,825,852	10,299
	ec-18	39,264,932	3,849,490	15,294
	n-19	43,832,363	4,263,289	23,595
	eb-19	36,889,104	3,656,498	23,290
	ar-19	29,939,909	3,102,595	20,096
-	or-19	17,711,448	2,112,213	14,935
Ma	ay-19	9,533,490	1,445,076	11,710
Ju	ın-19	4,034,903	996,131	7,407
J	ul-19	2,879,194	901,486	4,214
Au	ıg-19	3,150,182	923,309	4,320
Se	p-19	6,721,234	1,213,848	5,738
0	ct-19	16,394,364	2,002,085	9,585
Totals		236,895,506	27,291,872	150,483
Average Customer Count		198,574	376	6
Residential		182,814		
Small Volume Interrupt	ible	,	327	
herms - Nov-Jun only		207,750,532	22,251,144	126,626
Residential		137,044,817		
Small Volume Interrupt	ible		15,065,284	
Original Rate / therm	\$	0.48838	\$ 0.37371	
Revised Rate / therm	\$		\$ 0.39141	
otal Overcollection from GS-	1\$	423,646		
\$ / Residential Customer	\$	1.53	Overcharged	
\$ / Small Volume Interruptible	e \$	(815.46)	Undercharged	

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MINNESOTA ENERGY RESOURCES - NNG RATE IMPACT OF THE PROPOSED DEMAND CHANGE

NOVEMBER 1, 2018

All costs in	Base	Demand	Demand	Most	Proposed	Result of Proposed Change			
\$/Dth	Cost of Gas G011/MR-17-564 Jan 1, 2018	Charge Oct 1, 2017	Charge Demand Filing Nov 1, 2017	Recent PGA Oct 1, 2018	Effective Nov 1, 2018	Change from Last Rate Case	Change from Nov 1, 2017 Demand Filing	Change from Last PGA %	Change from Last PGA \$
1) General Service Resi	dential: Avg. Annual Use:	88		Dth					
Commodity Cost	\$3.7406	\$3.2257	\$3.0201	\$3.4787	\$3.9141	\$0.1735	\$0.8940	12.52%	\$0,4354
Demand Cost	\$0.9361	\$0.9288	\$0.9328	\$0.9367	\$0.9493	\$0.0132	\$0.0165	1.35%	\$0.0126
Commodity Margin	\$2.6284	\$2.4116	\$2.4116	\$2.5727	\$2.5727	(\$0.0557)	\$0.1611	0.00%	\$0.0000
Total Cost of Gas	\$7.3051	\$6.5661	\$6.3645	\$6.9881	\$7.4361	\$0.1310	\$1.0716	6.41%	\$0.4480
Avg Annual Cost	\$642.85	\$577.82	\$560.08	\$614.95	\$654.38	\$11.53	\$94.30	6.41%	\$39.42
Effect of proposed comm	odity change on average annu	al bills:		•					\$38.32
	nd change on average annual								\$1.11
2) Small Vol. Interruptib		5,110	* 0.05	Dth	*		* ****	10 505	
Commodity Cost	\$3.7406	\$3.2257	\$3.0201	\$3.4787	\$3.9141	\$0.1735	\$0.8940	12.52%	\$0.4354
Demand Cost	#4 0040	¢0.0740	¢0.0740	¢4.0004	¢4 0004	(0.000-)	#0.0051	0.000/	# ~ ~~~~
Commodity Margin Total Cost of Gas	\$1.0616	\$0.9740 \$4.1997	\$0.9740	\$1.0391 \$4.5479	\$1.0391	(\$0.0225)	\$0.0651	0.00%	\$0.0000
Avg Annual Cost	\$4.8022 \$24,539.24	\$21,460.47	\$3.9941 \$20,409.85	\$4.5178 \$23,085.96	\$4.9532 \$25,310.85	\$0.1510 \$771.61	\$0.9591 \$4,901.00	9.64% 9.64%	\$0.4354 \$2,224.89
	odity change on average annu		φ20,409.05	φ23,065.90	φ20,310.00	٦ <i>٢١</i> .٥١	φ 4 ,901.00	9.04%	\$2,224.89
	nd change on average annual								¢2,224.69 \$0.00
Encor or proposed demai	na change on average annuar	5113.							φ0.00
3) Large Vol. Interruptible	: Avg. Annual Use:	16,150		Dth					
Commodity Cost	\$3.7406	\$3.2257	\$3.0201	\$3.4787	\$3.9141	\$0.1735	\$0.8940	12.52%	\$0.4354
Demand Cost									
Commodity Margin	\$0.5808	\$0.5329	\$0.5329	\$0.5685	\$0.5685	(\$0.0123)	\$0.0356	0.00%	\$0.0000
Total Cost of Gas	\$4.3214	\$3.7586	\$3.5530	\$4.0472	\$4.4826	\$0.1612	\$0.9296	10.76%	\$0.4354
Avg Annual Cost	\$69,790.61	\$60,701.39	\$57,380.95	\$65,362.28	\$72,393.99	\$2,603.38	\$15,013.04	10.76%	\$7,031.71
	odity change on average annu								\$7,031.71
Effect of proposed demai	nd change on average annual	DIIIS.							\$0.00
4) Small Vol. Firm: Avg. A	nnual Use:	5,110		Dth					
, 0		25		DTh					
Commodity Cost	\$3.7406	\$3.2257	\$3.0201	\$3.4787	\$3.9141	\$0.1735	\$0.8940	12.52%	\$0.4354
Demand Cost	\$28.0830	\$27.8640	\$27.9840	\$2.8101	\$28.4792	\$0.0000	\$0.4952	913.46%	\$25.6691
Commodity Margin	\$1.0616	\$0.9740	\$0.9740	\$1.0391	\$1.0391	(\$0.0225)	\$0.0651	0.00%	\$0.0000
Demand Margin	\$3.2697	\$3.0000	\$3.0000	\$3.1449	\$3.1449	\$3.1449	\$0.1449	0.00%	\$0.0000
Total Cost of Gas	\$4.8022	\$4.1997	\$3.9941	\$4.5178	\$4.9532	\$0.1510	\$0.9591	9.64%	\$0.4354
Total Demand Cost	\$31.3527	\$30.8640	\$30.9840	\$5.9550	\$31.6241	\$0.2714	\$0.6401	431.05%	\$25.6691
Avg Annual Cost	\$25,323.06	\$22,232.07	\$21,184.45	\$23,234.83	\$26,101.46	\$778.40	\$4,917.00	12.34%	\$2,866.62
	odity change on average annund change on average annual								\$2,224.89 \$641.73
	nnual II.a.	46 450		D#h					
5) Large Vol. Firm: Avg. A	annual USE:	16,150 75		Dth DTh					
Commodity Cost	\$3.7406	\$3.2257	\$3.0201	\$3.4787	\$3.9141	\$0.1735	\$0.8940	12.52%	\$0.4354
Demand Cost	\$28.0830	\$27.8640	\$27.9840	\$2.8101	\$28.4792	\$0.3962	\$0.4952	913.46%	\$25.6691
Commodity Margin	\$0.5808	\$0.5329	\$0.5329	\$0.5685	\$0.5685	(\$0.0123)	\$0.0356	0.00%	\$0.0000
Demand Margin	\$3.2697	\$3.0000	\$3.0000	\$3.1449	\$3.1449	\$0.0000	\$0.1449	0.00%	\$0.0000
Total Cost of Gas	\$4.3214	\$3.7586	\$3.5530	\$4.0472	\$4.4826	\$0.1612	\$0.9296	10.76%	\$0.4354
Total Demand Cost	\$31.3527	\$30.8640	\$30.9840	\$5.9550	\$31.6241	\$31.6241	\$0.6401	431.05%	\$25.6691
Avg Annual Cost	\$72,142.06	\$63,016.19	\$59,704.75	\$65,808.91	\$74,765.80	\$4,975.19	\$15,061.05	13.61%	\$8,956.90
Effect of proposed comm	odity change on average annu	al bills:							\$7,031.71
Effect of proposed domai	nd change on average annual	bills:							\$1,925.19

Note: Average Annual Average based on NNG Annual Automatic Adjustment Report in Docket No. E,G999/AA-17-493 Note: Rates do not include the ACA adjustment.

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MINNESOTA ENERGY RESOURCES - NNG

RATE IMPACT OF THE PROPOSED DEMAND CHANGE

				NNG					1
NORTHERN	NATURAL GAS COMPANY'S					\A/+ A		01-Nov-18	L
	TF-12B		f-Summer(7 mths)				GRI \$0.0000	Total	
	TF-12B TF-12B Discount	112495 112495			2300 0320	\$7.5776 \$7.4951	\$0.0000 \$0.0000	\$7.5776 \$7.4951	
	TF-12V	112495			B660	\$9.0926	\$0.0000	\$9.0926	
	TF-5	112495	• • • • • • • •		1530	\$15.1530	\$0.0000	\$15.1530	
	TFX	112486	\$ 5.6830	\$ 15.1	1530	\$9.6288	\$0.0000	\$9.6288	
	TFX-5	112486	\$-	\$ 15.1	1530	\$15.1530	\$0.0000	\$15.1530	
	TFX-5 Discount	112486			0320	\$10.0320	\$0.0000	\$10.0320	
	TFX Rochester	112486			1175	\$37.1175	\$0.0000	\$37.1175	
	TFX - Discount	111866			1392	\$7.6025	\$0.0000	\$7.6025	
	TFX - Discount	111866			8640	\$4.8640	\$0.0000	\$4.8640	
	TFX - Discount	111866			4720	\$5.4720	\$0.0000	\$5.4720	
	TFX-5	127852	\$ -	\$ 15.1	1530	\$15.1530	\$0.0000	\$15.1530	/Dth
	Gas Cost		ECA					\$2.9695	/Dtn
	LES As approved in Docket		-564				01-Nov-18	264,337,861	
MERC-NING	S CORRENT COST OF GAS	EFFECTIVE.	Monthly				01-1101-18		
			Entitlements			Rate		Contract	
		Contract #(s)	(Dth)	Months		\$/Dth		Costs	Rate/Therr
GS-NNG	TF12B (Max Rate) Winter	112495	46,506		5	\$ 10.2300	=	\$2,378,782	
	TF12B (Max Rate) Summer	112495	46,506		7	\$ 5.6830	=	\$1,850,055	
	TF12V (Max Rate)	112495	33,003		12	\$ 9.0926	=	\$3,600,997	\$ 0.01
	TF5 (Max Rate)	112495	36,275		5	\$ 15.1530	=	\$2,748,375	\$ 0.01
	TF12B (Discount-Winter)	112495	5,200		12	\$ 7.4951	=	\$467,694	
	TFX12 (Max Rate)	112486	16,261		12	\$ 9.6288	=	\$1,878,887	\$ 0.00
	TFX Apr (Max Rate)	112486	2,000		1	\$ 5.6830	=	\$11,366	\$ 0.00
	TFX Oct (Max Rate)	112486	2,000		1	\$ 5.6830 \$ 15.1520	=	\$11,366 \$5,896,021	\$ 0.00
	TFX5 (Max Rate)	112486	77,688		5 5	\$ 15.1530 \$ 10.0320	=	\$5,886,031 \$90,288	\$ 0.02 \$ 0.00
	TFX5 (Discount) TFX12 (Discount)	112486 111866	1,800 1,283		5 12	\$ 10.0320 \$ 4.8640	=	\$90,288 \$74,886	\$ 0.00
	TFX12 (Discount)	111866	8,271		12	\$ 4.8640 \$ 5.4720	=	\$543,107	
	TFX12 (Discount)	111866	11,921		12	\$ 7.6025	=	\$1,087,553	
	TFX5 (Discount)	111866	379		5	\$ 4.8640	=	\$9,217	\$ 0.00
	TFX5 (Discount)	111866	2,445		5	\$ 5.4720	=		\$ 0.00
	TFX5 (Discount)	111866	22,189		5	\$ 15.1392	=	\$1,679,619	
	Windom		2,500		12	\$-	=	\$0	\$
	Northwestern Energy		1,035		12	\$ 8.3382	=	\$103,560	\$ 0.000
	Total Demand Cost							\$22,488,679	
	As proposed in Docket No. GS-1 Demand Current Cos GS-1 Commodity Current (t of Gas/therm						236,895,506	\$ 0.094 \$ 0.094 \$ 0.391
GS-NNG, SV		t of Gas/therm Cost of Gas/ther Gas/therm	m						
gs-nng, sv	GS-1 Demand Current Cos GS-1 Commodity Current (Total GS-1 Current Cost of	t of Gas/therm Cost of Gas/ther Gas/therm	m modity Monthly					236,895,506	\$ 0.094 \$ 0.39 \$ 0.486
3S-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current (Total GS-1 Current Cost of	t of Gas/therm Cost of Gas/ther Gas/therm	m modity Monthly Entitlement	Maria		Rate	Contract	236,895,506 Contract	\$ 0.094 \$ 0.39 \$ 0.486
3S-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current (Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com	m modity Monthly Entitlement (Dth)	Months	10	(\$/Dth)	Costs	236,895,506 Contract Costs	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm)
3S-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current C Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ FDD - Reservation	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657	m modity Monthly Entitlement (Dth) 81,508	Months	12	(\$/Dth) \$ 1.7140	Costs =	236,895,506 Contract Costs \$1,676,457	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm] \$ 0.00
3S-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current C Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ FDD - Reservation FDD - Storage Cycle	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657	m Monthly Entitlement (Dth) 81,508 939,864	Months	5	(\$/Dth) \$ 1.7140 \$ 0.3567	Costs = =	236,895,506 Contract Costs \$1,676,457 \$1,676,248	\$ 0.09 \$ 0.39 \$ 0.480 Rate (\$/therm) \$ 0.000 \$ 0.000
3S-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ FDD - Reservation FDD - Storage Cycle FDD - Reservation	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657	m Monthly Entitlement (Dth) 81,508 939,864 5,550	Months	5 12	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157	Costs = = =	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,826	\$ 0.09 \$ 0.39 \$ 0.484 (\$/therm) \$ 0.000 \$ 0.000
3S-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000	Months	5	(\$/Dth) \$ 1.7140 \$ 0.3567	Costs = =	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,826 \$220,832	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm] \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00
SS-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657	m Monthly Entitlement (Dth) 81,508 939,864 5,550	Months	5 12 5 12	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140	Costs = = = =	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,826 \$220,832 \$356,752	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm] \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00
35-NNG, SV	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 133736	m Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345	Months	5 12 5 12 5	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901	Costs = = = =	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,826 \$220,832	\$ 0.09 \$ 0.39 \$ 0.48 \$ 0.48 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00
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	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FID - Reservation FDD - Storage Cycle FID - Storage Cycle Firm Deferred Delivery Sto G-007/M-07-1402-05 dated Au	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 118657 133736 133736 133736 1332024* 132024* orage Contracts gust 6, 2014, sto	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chars Monthly Entitlement (Dth)		5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the con Rate (\$/Dth)	Costs = = = = = = modity charge effe Contract Costs	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,832 \$356,752 \$356,700 \$178,366 \$178,350 \$4,864,530 ctive 11/1/2014. Contract Costs	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm) \$ 0.00 \$ 0.000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.00000 \$ 0.0000 \$ 0.
	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Storage Cycle FID - Storage Cycle FID - Storage Cycle Firm Deferred Delivery Sto	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 118657 118657 133736 132024* 13202	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chard Monthly Entitlement (Dth) 50,000	ges will be alloca	5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the control Rate (\$/Dth) \$ 17.4896	Costs = = = = = = = modity charge effe	236,895,506 Contract Costs \$1,676,457 \$1,676,457 \$1,676,248 \$220,826 \$220,832 \$356,752 \$356,752 \$356,750 \$4,864,530 \$4,864,530 ctive 11/1/2014. Contract	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm) \$ 0.00 \$ 0.000 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$
	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Storage Cycle FID - Storage Cycle FID - Storage Cycle Firm Deferred Delivery Sto G-007/M-07-1402-05 dated Auv	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 118657 133736 133736 133736 1332024* 132024* orage Contracts gust 6, 2014, sto	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chars Monthly Entitlement (Dth)	ges will be alloca	5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the con Rate (\$/Dth)	Costs = = = = = = = mmodity charge effer Contract Costs =	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,832 \$356,720 \$178,366 \$178,350 \$4,864,530 ctive 11/1/2014. Contract Costs \$10,493,750	\$ 0.09 \$ 0.39 \$ 0.48 \$ 0.48 \$ 0.00 \$
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Docket No.	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle Firm Deferred Delivery Sto G-007/M-07-1402-05 dated Aud Bison NBPL	t of Gas/therm Cost of Gas/therm Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 133736 133736 133736 133024* 07320024* 073200000000000000000000000000000000000	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chargen Monthly Entitlement (Dth) 50,000 10,500 nuary 26, 2015, re Annual Sales	ges will be alloca Months	5 12 5 12 5 12 5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the con Rate (\$/Dth) \$ 17.4896 \$ 6.3905 \$ 37.1175 ated with Bisco Rate	Costs = = = = = modity charge effer Contract Costs = = = n contract through Commodity	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,832 \$356,720 \$178,366 \$178,366 \$178,366 \$178,350 \$4,864,530 ctive 11/1/2014. Contract Costs \$10,493,750 \$3,834,300 \$4,676,805 \$19,004,855 commodity effectiv Rate Case Sales	\$ 0.09 \$ 0.39 \$ 0.48 \$ 0.48 \$ 0.00 \$ 0.00
Docket No.	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FID - Storage Cycle FIT Deferred Delivery Sto G-007/M-07-1402-05 dated Au-	t of Gas/therm Cost of Gas/therm Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 133736 133736 133736 133024* 07320024* 073200000000000000000000000000000000000	m Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chan Monthly Entitlement (Dth) 50,000 50,000 10,500 nuary 26, 2015, re Annual Sales (Dth)	ges will be alloca Months cover the costs a	5 12 5 12 5 12 5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 0.3567 rough the con Rate (\$/Dth) \$ 17.4896 \$ 6.3905 \$ 37.1175 ated with Biso	Costs	236,895,506 Contract Costs \$1,676,248 \$220,832 \$356,700 \$178,366 \$178,366 \$178,350 \$4,864,530 ctive 11/1/2014. Contract Costs \$10,493,750 \$3,834,300 \$4,676,805 \$19,004,855 commodity effectiv Rate Case Sales (therm)	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm) \$ 0.00 \$ 0.000 \$ 0.00 \$ 0.
Docket No.	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FID - Reservation FDD - Storage Cycle Firm Deferred Delivery Sto G-007/M-07-1402-05 dated Au-	t of Gas/therm Cost of Gas/therm Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 133736 133736 133736 133024* 07320024* 073200000000000000000000000000000000000	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chargen Monthly Entitlement (Dth) 50,000 10,500 nuary 26, 2015, re Annual Sales	ges will be alloca Months	5 12 5 12 5 12 5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the con Rate (\$/Dth) \$ 17.4896 \$ 6.3905 \$ 37.1175 ated with Bisco Rate	Costs = = = = = modity charge effer Contract Costs = = = n contract through Commodity	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,832 \$356,720 \$178,366 \$178,366 \$178,366 \$178,366 \$4,864,530 ctive 11/1/2014. Contract Costs \$10,493,750 \$3,834,300 \$4,676,805 \$19,004,855 commodity effectiv Rate Case Sales	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm \$ 0.00 \$ 0.00
Docket No.	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ- FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FID - Reservation FDD - Storage Cycle Firm Deferred Delivery Sto G-007/M-07-1402-05 dated Au Bison NBPL TFX12 (Rochester) 007/M-10-1166 and G-011/M-1	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 133736 1332024* 13267 112657 112657 132024* 132024* 132024* 132024* 132024* 132024* 132673F 112657 112657 132024* 132673F 112486	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chars monthly Entitlement (Dth) 50,000 10,500 nuary 26, 2015, re Annual Sales (Dth) 26,433,786	ges will be alloca Months cover the costs a	5 12 5 12 5 12 5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the con Rate (\$/Dth) \$ 17.4896 \$ 6.3905 \$ 37.1175 ated with Bisco Rate (\$/Dth) \$ 2.9695	Costs = = = = = modity charge effer Contract Costs = = = n contract through Cost \$78,495,128	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,832 \$356,700 \$178,366 \$178,366 \$178,366 \$178,366 \$178,350 Ctive 11/1/2014. Contract Costs \$10,493,750 \$3,834,300 \$4,676,805 \$19,004,855 commodity effectiv Rate Case Sales (therm) 264,337,861	\$ 0.09 \$ 0.39 \$ 0.48 Rate (\$/therm \$ 0.00 \$ 0.00
Docket No.	GS-1 Demand Current Cos GS-1 Commodity Current Cos Total GS-1 Current Cost of I-NNG, LVI-NNG, SJ-NNG, LJ FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FDD - Storage Cycle FDD - Reservation FDD - Storage Cycle FID - Storage Cycle Firm Deferred Delivery Sto G-007/M-07-1402-05 dated Au Bison NBPL TFX12 (Rochester) 007/M-10-1166 and G-011/M-1	t of Gas/therm Cost of Gas/ther Gas/therm -NNG, SLV-Com 118657 118657 118657 118657 133736 1332024* 13267 112657 112657 132024* 132024* 132024* 132024* 132024* 132024* 132673F 112657 112657 132024* 132673F 112486	m modity Monthly Entitlement (Dth) 81,508 939,864 5,550 64,000 17,345 200,000 8,672 100,000 rage demand chars monthly Entitlement (Dth) 50,000 10,500 nuary 26, 2015, re Annual Sales (Dth) 26,433,786	ges will be alloca Months cover the costs a	5 12 5 12 5 12 5 12 5 12 5 12 5 ted th	(\$/Dth) \$ 1.7140 \$ 0.3567 \$ 3.3157 \$ 0.6901 \$ 1.7140 \$ 0.3567 \$ 1.7140 \$ 0.3567 rough the con Rate (\$/Dth) \$ 17.4896 \$ 6.3905 \$ 37.1175 ated with Bisco Rate (\$/Dth) \$ 2.9695	Costs = = = = = modity charge effe Contract Costs = = = n contract through Commodity Cost \$78,495,128 \$593,309	236,895,506 Contract Costs \$1,676,457 \$1,676,248 \$220,826 \$220,832 \$356,752 \$356,752 \$356,752 \$4,864,530 ctive 11/1/2014. Contract Costs \$10,493,750 \$3,834,300 \$4,676,805 \$19,004,855 commodity effectiv Rate Case Sales (therm) 264,337,861	\$ 0.09- \$ 0.39- \$ 0.484 (\$/therm) \$ 0.000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.0000 \$ 0.000 \$ 0.

Docket No. G011/M-18-526

In the Matter Minnesota Energy Resources Corporation's Petition for Approval of a Change in Demand Entitlement for its NNG System

CERTIFICATE OF SERVICE

I, Kristin M. Stastny, hereby certify that on the 3rd day of July, 2019, on behalf of Minnesota Energy Resources Corporation (MERC) I electronically filed a true and correct copy of the enclosed Letter on <u>www.edockets.state.mn.us</u>. Said documents were also served via U.S. mail and electronic service as designated on the attached service list.

Dated this 3rd day of July, 2019.

/s/ Kristin M. Stastny Kristin M. Stastny

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Michael	Ahern	ahern.michael@dorsey.co m	Dorsey & Whitney, LLP	50 S 6th St Ste 1500 Minneapolis, MN 554021498	Electronic Service	No	OFF_SL_18-526_M-18-526
Elizabeth	Brama	ebrama@briggs.com	Briggs and Morgan	2200 IDS Center 80 South 8th Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Generic Notice	Commerce Attorneys	commerce.attorneys@ag.st ate.mn.us	Office of the Attorney General-DOC	445 Minnesota Street Suite 1800 St. Paul, MN 55101	Electronic Service	Yes	OFF_SL_18-526_M-18-526
Riley	Conlin	riley.conlin@stoel.com	Stoel Rives LLP	33 S. 6th Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
lan	Dobson	residential.utilities@ag.stat e.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_18-526_M-18-526
Darcy	Fabrizius	Darcy.fabrizius@constellati on.com	Constellation Energy	N21 W23340 Ridgeview Pkwy Waukesha, WI 53188	Electronic Service	No	OFF_SL_18-526_M-18-526
Sharon	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 280 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_18-526_M-18-526
Daryll	Fuentes	dfuentes@usg.com	USG Corporation	550 W Adams St Chicago, IL 60661	Electronic Service	No	OFF_SL_18-526_M-18-526
Robert	Harding	robert.harding@state.mn.u s	Public Utilities Commission	Suite 350 121 7th Place East St. Paul, MN 55101	Electronic Service	No	OFF_SL_18-526_M-18-526
Kimberly	Hellwig	kimberly.hellwig@stoel.co m	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Gregory	Jenner	greg.jenner@stoel.com	Stoel Rives LLP	33 South Sixth Street Ste 4200	Electronic Service	No	OFF_SL_18-526_M-18-526
				Minneapolis, MN 55402			
Linda	Jensen	linda.s.jensen@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street St. Paul, MN	Electronic Service	No	OFF_SL_18-526_M-18-526
				551012134			
Sarah	Johnson Phillips	sarah.phillips@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Michael	Krikava	mkrikava@briggs.com	Briggs And Morgan, P.A.	2200 IDS Center 80 S 8th St Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Eric	Lipman	eric.lipman@state.mn.us	Office of Administrative Hearings	PO Box 64620 St. Paul, MN 551640620	Electronic Service	No	OFF_SL_18-526_M-18-526
Peter	Madsen	peter.madsen@ag.state.m n.us	Office of the Attorney General-DOC	Bremer Tower, Suite 1800 445 Minnesota Street St. Paul, Minnesota 551017741	Electronic Service	No	OFF_SL_18-526_M-18-526
Brian	Meloy	brian.meloy@stinson.com	STINSON LLP	50 S 6th St Ste 2600 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Joseph	Meyer	joseph.meyer@ag.state.mn .us	Office of the Attorney General-RUD	Bremer Tower, Suite 1400 445 Minnesota Street St Paul, MN 55101-2131	Electronic Service	No	OFF_SL_18-526_M-18-526
Andrew	Moratzka	andrew.moratzka@stoel.co m	Stoel Rives LLP	33 South Sixth St Ste 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Catherine	Phillips	catherine.phillips@we- energies.com	We Energies	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_18-526_M-18-526
Lauren	Pockl	lpockl@briggs.com	Briggs and Morgan, PA	80 South 8th Street #2200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Richard	Savelkoul	rsavelkoul@martinsquires.c om	Martin & Squires, P.A.	332 Minnesota Street Ste W2750 St. Paul, MN 55101	Electronic Service	No	OFF_SL_18-526_M-18-526
Adam	Schurle	adam.schurle@stoel.com	Stoel Rives LLP	33 South Sixth Street, Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Janet	Shaddix Elling	jshaddix@janetshaddix.co m	Shaddix And Associates	7400 Lyndale Ave S Ste 190 Richfield, MN 55423	Electronic Service	No	OFF_SL_18-526_M-18-526
Colleen	Sipiorski	Colleen.Sipiorski@wecener gygroup.com	Minnesota Energy Resources Corporation	700 North Adams St Green Bay, WI 54307	Electronic Service	No	OFF_SL_18-526_M-18-526
Kristin	Stastny	kstastny@briggs.com	Briggs and Morgan, P.A.	2200 IDS Center 80 South 8th Street Minneapolis, MN 55402	Electronic Service	No	OFF_SL_18-526_M-18-526
Eric	Swanson	eswanson@winthrop.com	Winthrop & Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_18-526_M-18-526
Casey	Whelan	cwhelan@kinectenergy.co m	Kinect Energy Group	605 Highway 169 N Ste 1200 Plymouth, MN 55441	Electronic Service	No	OFF_SL_18-526_M-18-526

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Daniel P	Wolf	dan.wolf@state.mn.us	Public Utilities Commission	121 7th Place East Suite 350 St. Paul, MN 551012147	Electronic Service	Yes	OFF_SL_18-526_M-18-526
Mary			Minnesota Energy Resources Corporation (HOLDING)	231 West Michigan St Milwaukee, WI 53203	Electronic Service	No	OFF_SL_18-526_M-18-526