

250 SW Taylor Street Portland, OR 97204 503-226-4211 nwnatural.com

August 1, 2024

NWN OPUC Advice No. 24-07 / UG \_\_\_\_\_(UM 1420)

#### **VIA ELECTRONIC FILING**

Public Utility Commission of Oregon Attention: Filing Center 201 High Street SE, Suite 100 Post Office Box 1088 Salem, Oregon 97308-1088

Re: REQUEST FOR AMORTIZATION OF CERTAIN NON-GAS COST DEFERRED ACCOUNTS RELATING TO: UM 1420 - Industrial Demand Side Management

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith revisions and additions to its Tariff, P.U.C. Or. 25,<sup>1</sup> stated to become effective with service on and after November 1, 2024, as follows:

Twelfth Revision of Sheet 188-1	Schedule 188	Industrial Demand Side Management (DSM) Program Cost Recovery
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## <u>Purpose</u>

The purpose of this filing is to request amortization of amounts deferred under docket UM 1420 Industrial Demand Side Management Programs implemented in accordance with ORS 757.262 for inclusion in rates effective November 1, 2024. The Company last adjusted rates for this purpose effective November 1, 2023.

#### **Background**

This filing is in compliance with ORS 757.259, which authorizes deferred utility expenses or revenues to be allowed (amortized) in rates to the extent authorized by the Public Utility Commission of Oregon (Commission) in a proceeding to change rates. All of the deferrals included in this filing occurred with appropriate application by Commission authorization, as rate orders or under approved tariffs.

#### **Proposed Changes**

The net effect of removing the temporary adjustment applied to rates effective November 1, 2023 and the application of the new temporary adjustment is an increase to the Company's annual revenues by \$1,540,972, or 0.16%.

The monthly bill of the average industrial customer served under Rate Schedule 3 using 1,255 therms per month is an increase of \$16.42. The monthly increase for the average industrial Rate Schedule 31 firm sales customer using 5,430 therms per month is \$71.07, and the monthly increase

<sup>&</sup>lt;sup>1</sup> Tariff P.U.C. Or. 25 originated November 1, 2012 with Docket UG 221; OPUC Order No. 12-408 as supplemented by Order No. 12-437, and was filed pursuant to ORS 767.205 and OAR 860-022-0005.

Public Utility Commission of Oregon UG \_\_\_\_; NWN OPUC Advice No. 24-07 August 1, 2024, Page 2

for the average industrial Rate Schedule 32 firm sales customer using 20,942 therms per month is \$274.13.

The proposed adjustment for the amortization of the Industrial DSM account is \$0.05964 per therm.

In compliance with OAR 860-022-0025 the Company states that the number of customers affected by the proposed change is 656 industrial customers and 559 commercial customers; 339 Rate Schedule 3 customers, 174 Rate Schedule 31 customers, and 702 Rate Schedule 32 customers.

### Conclusion

In support of this filing, the Company includes supporting materials as part of this filing and will separately submit work papers in electronic format, all of which are incorporated herein by reference.

In accordance with ORS 757.205, copies of this letter and the filing made herewith are available in the Company's main office in Oregon and on its website at www.nwnatural.com.

Please address correspondence on this matter to Lora Bourdo at lora.bourdo@nwnatural.com with copies to the following:

eFiling
Rates & Regulatory Affairs
NW Natural
250 SW Taylor Street
Portland, Oregon 97204
Fax: (503) 220-2579
Telephone: (503) 610-7330
eFiling@nwnatural.com

Sincerely,

**NW NATURAL** 

/s/ Kyle Walker, CPA

Kyle Walker, CPA Rates/Regulatory Senior Manager

Attachments: Exhibit A – Supporting Materials

## NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Twelfth Revision of Sheet 188-1 Cancels EleventhRevision of Sheet 188-1

## SCHEDULE 188 INDUSTRIAL DEMAND SIDE MANAGEMENT (DSM) PROGRAM COST RECOVERY

#### **PURPOSE:**

This Schedule recovers the costs of the Company's Industrial Energy Efficiency Program offered under **Schedule 360** "Industrial Demand side Management (DSM) Programs."

#### **APPLICABILITY:**

This Schedule applies to Industrial Sales Service Customers taking service under **Rate Schedule 3**, **Rate Schedule 31**, or **Rate Schedule 32**, and to Commercial Sales Service Customers taking service under **Rate Schedule 32**.

Application To Rates: Effective: November 1, 2024 (C)

The Temporary Adjustments in the applicable Rate Schedules include the adjustment shown below. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

\$0.05964 per therm (I)

## **GENERAL TERMS**:

Service under this Schedule is governed by the terms of this Schedule, the General Rules and Regulations contained in this, any other schedules that by their terms or by the terms of this Schedule apply to service under this Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued August 1, 2024, NWN OPUC Advice No. 24-07 Effective with service on and after November 1, 2024

## **EXHIBIT A**

# BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON

## NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations Industrial Demand Side Management UM 1420

NWN OPUC Advice No. 24-07/ UG \_\_\_\_ August 1, 2024

## **NW NATURAL**

## **EXHIBIT A**

**Supporting Materials** 

Non-Gas Cost Deferral Amortizations

Industrial Demand Side Management

NWN OPUC ADVICE NO. 24-07 / UG \_\_\_\_

Description	Page
Calculation of Increments Allocated on the Equal Percentage of Margin	1
Effects on Average Bill by Rate Schedule	2
Basis for Revenue Related Costs	3
PGA Effects on Revenue	4
Summary of Deferred Accounts Included in the PGA	5
151818 Deferral of Industrial DSM Costs	6
151820 Amortization of Industrial DSM Costs	7

**NW Natural** 

Rates & Regulatory Affairs

2024-25 PGA - Oregon: August Filing

## Calculation of Increments Allocated on the EQUAL CENT PER THERM BASIS ALL VOLUMES IN THERMS

		Oregon PGA	Proposed Amount:	7,926.841	Industrial DSM Temporary Increm	ent		
		Volumes page,	Revenue Sensitive Multiplier:	7,926,841 Temporary Increment 2.883% add revenue sensitive factor				
		Column F	Amount to Amortize:	8,162,181	to C32 Sales and	l all Industrial		
Schedule	Block	Α		Multiplier AC	Volumes AD	Increment AE		
2R		423,059,269		0.0	0	\$0.0000		
3C Firm Sales		178,618,735	_	0.0	0	\$0.0000		
31 Firm Sales 27 Dry Out		5,103,738 742,733	-	0.0	5,103,738	\$0.0596 \$0.0000		
31C Firm Sales	Block 1	12,281,908	-	0.0	0	\$0.0000		
	Block 2	10,043,265		0.0	0	\$0.0000		
31C Firm Trans	Block 1	1,267,742		0.0	0	\$0.0000		
	Block 2	1,392,960		0.0	0	\$0.0000		
31I Firm Sales	Block 1	3,698,785		1.0	3,698,785	\$0.0596		
241 Firm Town	Block 2	7,639,515	_	1.0	7,639,515	\$0.0596		
31I Firm Trans	Block 1	144,356		0.0	0	\$0.0000		
32C Firm Sales	Block 2 Block 1	351,741 34,618,514	-	1.0	34,618,514	\$0.0000 \$0.0596		
32C Filli Sales	Block 2	9,360,621		1.0	9,360,621	\$0.0596		
	Block 3	1,566,490		1.0	1,566,490	\$0.0596		
	Block 4	544,281		1.0	544,281	\$0.0596		
	Block 5	0		1.0	0	\$0.0596		
	Block 6	0		1.0	0	\$0.0596		
32I Firm Sales	Block 1	8,547,588		1.0	8,547,588	\$0.0596		
	Block 2	7,603,172		1.0	7,603,172	\$0.0596		
	Block 3	2,763,251		1.0	2,763,251	\$0.0596		
	Block 4 Block 5	3,005,494		1.0	3,005,494	\$0.0596		
	Block 6	195,767 0		1.0 1.0	195,767 0	\$0.0596 \$0.0596		
32C Firm Trans	Block 1	2,721,537	-	0.0	0	\$0.0000		
52011111111111	Block 2	2,020,003		0.0	0	\$0.0000		
	Block 3	707,839		0.0	0	\$0.0000		
	Block 4	869,038		0.0	0	\$0.0000		
	Block 5	0		0.0	0	\$0.0000		
	Block 6	0		0.0	0	\$0.0000		
32I Firm Trans	Block 1	11,657,702		0.0	0	\$0.0000		
	Block 2	17,056,306		0.0	0	\$0.0000		
	Block 3 Block 4	10,569,490		0.0	0	\$0.0000		
	Block 5	22,324,991 22,115,808		0.0	0	\$0.0000 \$0.0000		
	Block 6	7,865,614		0.0	0	\$0.0000		
32C Interr Sales	Block 1	4,649,733	-	1.0	4,649,733	\$0.0596		
	Block 2	6,816,872		1.0	6,816,872	\$0.0596		
	Block 3	3,782,502		1.0	3,782,502	\$0.0596		
	Block 4	5,561,835		1.0	5,561,835	\$0.0596		
	Block 5	3,284,822		1.0	3,284,822	\$0.0596		
	Block 6	0	_	1.0	0	\$0.0596		
32I Interr Sales	Block 1 Block 2	4,653,469		1.0 1.0	4,653,469	\$0.0596		
	Block 3	6,055,122 3,505,859		1.0	6,055,122 3,505,859	\$0.0596 \$0.0596		
	Block 4	9,726,364		1.0	9,726,364	\$0.0596		
	Block 5	4,171,536		1.0	4,171,536	\$0.0596		
	Block 6	0		1.0	0	\$0.0596		
32C Interr Trans	Block 1	822,778		0.0	0	\$0.0000		
	Block 2	1,679,150		0.0	0	\$0.0000		
	Block 3	978,518		0.0	0	\$0.0000		
	Block 4	3,232,735		0.0	0	\$0.0000		
	Block 5	472,307		0.0	0	\$0.0000		
221 Inters Trees	Block 6	6 144 022	-	0.0	0	\$0.0000		
32I Interr Trans	Block 1 Block 2	6,144,023 10,403,074		0.0	0	\$0.0000 \$0.0000		
	Block 3	6,958,044		0.0	0	\$0.0000		
	Block 4	15,417,391		0.0	0	\$0.0000		
	Block 5	35,960,832		0.0	0	\$0.0000		
	Block 6	99,266,501		0.0	0	\$0.0000		
33		0		0.0	0	\$0.0000		
Special Contracts		54,127,531		0.0	0	\$0.0000		
TOTALS Sources for line 2 abo	ve:	1,098,129,249			136,855,330 \$	0.0596		
Inputs page				Line 49				
Tariff Schedules				2(2.75				

UG \_\_\_\_ - NWN OPUC Advice No. 24-07 Exhibit A - Supporting Materials Page 1 of 7

	on Average Bill OLUMES IN THERI		iedule [1]								See note [5]
	VOLUMES IN THEK	VIS	0								See note [5]
1			Oregon PGA		Normal				Proposed	Proposed	Proposed
2			Normalized		Therms	Minimum	11/1/2023	11/1/2023	11/1/2024	11/1/2024	11/1/2024
									Cabadala 100	C=1	Schedule 188
_			W-1	<b>T</b> I			D.U.		Schedule 188	Schedule 188	
3			Volumes page,	Therms in	Monthly	Monthly	Billing	Current	Industrial DSM	Industrial DSM	Industrial DSM
Δ			Column D	Block	Average use	Charge	Rates	Average Bill	Rates	Average Bill	% Bill Change
5		-	Columnia	BIUCK	Average use	Charge	nates		nates		
	Calcadada	Disale			•		-	F=D+(C * E)		K = D+(C * J)	L=(K - F)/F
6	Schedule	Block	A 422.050.250	В	С	D	E	F 670.24	J	K	L
7	2R		423,059,269	N/A	55	\$8.00	\$1.29519	\$79.24	\$1.29519	\$79.24	0.0%
8	3C Firm Sales		178,618,735	N/A	251	\$15.00	\$1.08753	\$287.97	\$1.08753	\$287.97	0.0%
9	3I Firm Sales		5,103,738	N/A	1,255	\$15.00	\$1.05830	\$1,343.17	\$1.07139	\$1,359.59	1.2%
10	27 Dry Out		742,733	N/A	37	\$8.00	\$1.08605	\$48.18	\$1.08605	\$48.18	0.0%
11	31C Firm Sales	Block 1	12,281,908	2,000	2,827	\$325.00	\$0.75920	\$2,447.92	\$0.75920	\$2,447.92	0.0%
12		Block 2	10,043,265	all additional			\$0.73098		\$0.73098		
13	31C Firm Trans	Block 1	1,267,742	2,000	3,758	\$575.00	\$0.29503	\$1,639.68	\$0.29503	\$1,639.68	0.0%
14		Block 2	1,392,960	all additional			\$0.26998		\$0.26998		
15	31I Firm Sales	Block 1	3,698,785	2,000	5,430	\$325.00	\$0.74421	\$4,283.47	\$0.75730	\$4,354.54	1.7%
16		Block 2	7,639,515	all additional			\$0.72013		\$0.73322		
17	31I Firm Trans	Block 1	144,356	2,000	6,890	\$575.00	\$0.25351	\$2,204.08	\$0.25351	\$2,204.08	0.0%
18		Block 2	351,741	all additional			\$0.22946		\$0.22946		
19	32C Firm Sales	Block 1	34,618,514	10,000	7,386	\$675.00	\$0.67131	\$5,633.30	\$0.68440	\$5,729.98	1.7%
20		Block 2	9,360,621	20,000			\$0.64449		\$0.65758		
21		Block 3	1,566,490	20,000			\$0.59997		\$0.61306		
22		Block 4	544,281	100,000			\$0.55528		\$0.56837		
23		Block 5	0	600,000			\$0.52318		\$0.53627		
24		Block 6	0	all additional			\$0.50796		\$0.52105		
25	32I Firm Sales	Block 1	8,547,588	10,000	20,942	\$675.00	\$0.62727	\$13,593.87	\$0.64036	\$13,868.00	2.0%
26	321 FIIIII Jaies	Block 2	7,603,172	20,000	20,542	\$075.00	\$0.60740	\$13,333.07	\$0.62049	\$13,000.00	2.070
27		Block 3									
			2,763,251	20,000			\$0.57416		\$0.58725		
28		Block 4	3,005,494	100,000			\$0.54104		\$0.55413		
29		Block 5	195,767	600,000			\$0.51791		\$0.53100		
30		Block 6	0	all additional			\$0.50628		\$0.51937		
31	32C Firm Trans	Block 1	2,721,537	10,000	19,501	\$925.00	\$0.13325	\$3,337.38	\$0.13325	\$3,337.38	0.0%
32		Block 2	2,020,003	20,000			\$0.11366		\$0.11366		
33		Block 3	707,839	20,000			\$0.08114		\$0.08114		
34		Block 4	869,038	100,000			\$0.04857		\$0.04857		
35		Block 5	0	600,000			\$0.02899		\$0.02899		
36		Block 6	0	all additional			\$0.01601		\$0.01601		
37	32I Firm Trans	Block 1	11,657,702	10,000	75,569	\$925.00	\$0.13029	\$7,266.47	\$0.13029	\$7,266.47	0.0%
38		Block 2	17,056,306	20,000			\$0.11125		\$0.11125		
39		Block 3	10,569,490	20,000			\$0.07953		\$0.07953		
40		Block 4	22,324,991	100,000			\$0.04783		\$0.04783		
41		Block 5	22,115,808	600,000			\$0.02874		\$0.02874		
42		Block 6	7,865,614	all additional			\$0.01613		\$0.01613		
43	32C Interr Sales	Block 1	4,649,733	10,000	51,487	\$675.00	\$0.64462	\$32,098.38	\$0.65771	\$32,772.35	2.1%
44	c mich bales	Block 2	6,816,872	20,000	52,707	Ç075.00	\$0.62250	<b>432,030.30</b>	\$0.63559	y52,,,2.33	1 2.170
45		Block 3	3,782,502	20,000			\$0.58557		\$0.59866		l
46		Block 4									l
			5,561,835	100,000			\$0.54861		\$0.56170		l
47		Block 5	3,284,822	600,000			\$0.52644		\$0.53953		1
48	2211-44 5-1	Block 6	0	all additional	12.50:	6675.00	\$0.51023	£26.277.6	\$0.52332	£26.024.77	
49	32I Interr Sales	Block 1	4,653,469	10,000	42,594	\$675.00	\$0.62793	\$26,377.14	\$0.64102	\$26,934.70	2.1%
50		Block 2	6,055,122	20,000			\$0.60846		\$0.62155		l
51		Block 3	3,505,859	20,000			\$0.57596		\$0.58905		l
52		Block 4	9,726,364	100,000			\$0.54347		\$0.55656		
53		Block 5	4,171,536	600,000			\$0.52396		\$0.53705		
54		Block 6	0	all additional			\$0.50968		\$0.52277		
55	32C Interr Trans	Block 1	822,778	10,000	199,597	\$925.00	\$0.12471	\$11,732.30	\$0.12471	\$11,732.30	0.0%
56		Block 2	1,679,150	20,000			\$0.10645		\$0.10645		
57		Block 3	978,518	20,000			\$0.07601		\$0.07601		
58		Block 4	3,232,735	100,000			\$0.04557		\$0.04557		
59		Block 5	472,307	600,000			\$0.02730		\$0.02730		
60		Block 6	0	all additional			\$0.01517		\$0.01517		l
61	32I Interr Trans	Block 1	6,144,023	10,000	198,801	\$925.00	\$0.12543	\$11,821.46	\$0.12543	\$11,821.46	0.0%
62	ozi incell italis	Block 2	10,403,074	20,000	130,001	Ç323.00	\$0.10713	Y-2,021.40	\$0.12343	Y11,021.40	0.0%
63		Block 3	6,958,044	20,000			\$0.07662		\$0.07662		
64		Block 4	15,417,391	100,000			\$0.04610		\$0.04610		1
65		Block 5	35,960,832	600,000			\$0.02781		\$0.02781		1
66		Block 6	99,266,501	all additional		620.000	\$0.01563	425	\$0.01563	ć20 i	ļ
67	33		0	N/A	0.0	\$38,000.00	\$0.00862	\$38,000.00	\$0.00862	\$38,000.00	
68	Special Contracts		54,127,531	N/A	0	\$0	\$0.00544	\$0.00	\$0.00544	\$0.00	

Totals 1,098,129,249

72 [1] For convenience of presentation, demand charges for Rate Schedules 31 and 32 have been removed.

73 [2] Tariff Advice Notice 24-04: Non-Gas Cost Deferral Amortizations - Intervenor Funding

74 [3] Tariff Advice Notice 24-05: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee

75 [4] Tariff Advice Notice 24-06: Non-Gas Cost Deferral Amortizations - SRRM

76 [5] Tariff Advice Notice 24-07: Non-Gas Cost Deferral Amortizations - Industrial DSM

77 [6] Tariff Advice Notice 24-08: Non-Gas Cost Deferral Amortizations - Decoupling 78 [7] Tariff Advice Notice 24-09: Non-Gas Cost Deferral Amortizations - WARM

79 [8] Tariff Advice Notice 24-10: Non-Gas Cost Deferral Amortization - Corporate Activity Tax (CAT) Amortization

80 [9] Tariff Advice Notice 24-11: Non-Gas Cost Amortization - Net Curtainment and Entitlement Revenues

81 [10] Tariff Advice Notice 24-12: Non-Gas Cost Amortization - Regulatory Rate Adjustment

82 [11] Tariff Advice Notice 24-13: Non-Gas Cost Amortization - Residenital Rate Mitigation

83 [12] Tariff Advice Notice 24-14: Non-Gas Cost Amortization - RNG Transport Allocation

84 [13] Tariff Advice Notice 24-15: COVID

85 [14] Tariff Advice Notice 24-16: Non-Gas Cost Amortization - TSA Security Directive 86 [15] Tariff Advice Notice 24-19: PGA

87 [16] Tariff Advice Notice 24-17: RNG Adj Mechanism

88 [17] Tariff Advice Notice 23-21: Mist Recall

## NW Natural Rates and Regulatory Affairs 2024-2025 PGA Filing - OREGON Basis for Revenue Related Costs

	Tw	elve Months	
1	Enc	ded 06/30/24	
2			
3 Total Billed Gas Sales Reve	nues \$	920,096,835	
4 Total Oregon Revenues	\$	925,565,009	
5			
6 Regulatory Commission Fe	es [1]	n/a	0.450% Statutory rate
7 City License and Franchise	Fees \$	21,672,271	2.342% Line 7 ÷ Line 4
8 Net Uncollectible Expense	[2] \$	845,048	0.091% Line 8 ÷ Line 4
9	· -	<del></del> -	
10 Total			2.883% Sum lines 8-9
11			
12			

## 13 **Note:**

- 14 [1] Dollar figure is set at statutory level of 0.275% times Total Oregon Revenues (line 4).
- 15 Because the fee changed since our last general rate case, the difference between the previous fee of 0.375%
- 16 and the new fee of 0.450%, as it affects our base rates, is being captured as a temporary deferral.
- 17 [2] Represents the normalized net write-offs based on a three-year average.

NW Natural Rates & Regulatory Affairs

2024-2025 PGA Filing - Oregon: August Filing

**PGA Effects on Revenue** 

**Schedule 188: Industrial DSM** 

1 2	Temporary Increments	Including Revenue Sensitive <u>Amount</u>
3		
4	Removal of Current Temporary Increments	(5.554.555)
5	Amortization of Industrial DSM	(6,621,209)
6		
7	Addition of Proposed Temporary Increments	
8	Amortization of Industrial DSM	8,162,181
9		
10		
11	TOTAL OF ALL COMPONENTS OF RATE CHANGES	\$1,540,972
12		
13		
14		
15	2023 Oregon Earnings Test Normalized Total Revenues	\$975,829,919
16		
17	Effect of this filing, as a percentage change (line $11 \div line 15$ )	0.16%

NW Natural Rates & Regulatory Affairs 2024-2025 PGA Filing - June Filing Summary of Deferred Accounts Included in the PGA

Account	Balance 6/30/2024	Jul-Oct Estimated Activity	Jul-Oct Interest	Estimated Balance 10/31/2024	Interest Rate During Amortization	Estimated Interest During Amortization	Total Estimated Amount for (Refund) or Collection	Amounts Excluded from PGA Filing	Amounts Included in PGA Filing
A	В	С	D	E	F1	F2	G	Н	I
				E = sum B thru D	5.40%		G = E + F2		Excl. Rev Sens
36 Miscellaneous Amortizations									
53 151818 INDUSTRIAL DSM DEFERRAL	7,494,454	0	0	7,494,454					
54 151820 INDUSTRIAL DSM AMORTIZATION	1,753,177	(1,565,431)	17,570	205,315					
55 Total	9,247,631	(1,565,431)	17,570	7,699,769	5.40%	227,072	7,926,841		7,926,841

Company: Northwest Natural Gas Company

State: Oregon

Deferral of Industrial DSM Costs Description:

Account Number: 151818

Docket: Docket UM 1420

Last deferral reauthorization was approved in Order 22-395

Debit (Credit)

Deferrals are authorized on a program year (Mar - Feb). The total balance is broken down into separate deferral years for convenience of review

2	
3	
4	
5	
6	
-	

3					TOTAL	Interest	Mar 23- Feb 24	Mar 24- Feb 25	Total	TOTAL	Mar 22-Feb 23	Mar 23- Feb 24	Mar 24- Feb 25
4	Month/Year	Note	Deferral	Transfers	Interest	Rate	Interest	Interest	Activity	Balance	Balance	Balance	Balance
5	(a)	(b)	(c)	(d)	(e)	(e1)	(e12)	(e12)	(f)	(g)	(g12)	(g12)	(g12)
6													
7	Beginning Balance												
164	Mar-22		1,500,000.00		4,353.13	6.965%			1,504,353.13	7,106,850.03	1,504,353.13		
165	Apr-22		0.00		8,731.52	6.965%			8,731.52	7,115,581.55	1,513,084.65		
166	May-22		0.00		8,782.20	6.965%			8,782.20	7,124,363.75	1,521,866.85		
167	Jun-22		2,000,000.00		14,637.34	6.965%			2,014,637.34	9,139,001.09	3,536,504.19		
168	Jul-22		0.00		20,526.46	6.965%			20,526.46	9,159,527.55	3,557,030.65		
169	Aug-22		0.00		20,645.60	6.965%			20,645.60	9,180,173.15	3,577,676.25		
170	Sep-22		0.00		20,765.43	6.965%			20,765.43	9,200,938.58	3,598,441.68		
171	Oct-22		0.00		20,885.96	6.965%			20,885.96	9,221,824.54	3,619,327.64		
172	Nov-22	1	2,531,586.00	(5,602,496.90)	27,828.90	6.836%			(3,043,082.00)	6,178,742.54	6,178,742.54		
173	Dec-22		0.00		35,198.24	6.836%			35,198.24	6,213,940.78	6,213,940.78		
174	Jan-23		0.00		35,398.75	6.836%			35,398.75	6,249,339.53	6,249,339.53		
175	Feb-23	_	0.00		35,600.40	6.836%			35,600.40	6,284,939.93	6,284,939.93		
176	Mar-23	-	0.00		0.00	6.836%	0.00		-	6,284,939.93	6,284,939.93		
177	Apr-23		0.00		0.00	6.836%	0.00		-	6,284,939.93	6,284,939.93	-	
178	May-23		2,000,000.00		5,696.67	6.836%	5,696.67		2,005,696.67	8,290,636.60	6,284,939.93	2,005,696.67	
179	Jun-23		0.00		11,425.79	6.836%	11,425.79		11,425.79	8,302,062.39	6,284,939.93	2,017,122.46	
180	Jul-23		2,000,000.00		17,187.54	6.836%	17,187.54			10,319,249.93	6,284,939.93	4,034,310.00	
181	Aug-23		0.00		22,982.12	6.836%	22,982.12			10,342,232.05	6,284,939.93	4,057,292.12	
182	Sep-23		0.00		23,113.04	6.836%	23,113.04		23,113.04	10,365,345.09	6,284,939.93	4,080,405.16	
183	Oct-23		0.00		23,244.71	6.836%	23,244.71			10,388,589.80	6,284,939.93	4,103,649.87	
184	Nov-23	1	3,231,588.00	(6,284,939.93)	32,581.77	6.836%	32,581.77		(3,020,770.16)	7,367,819.64	-	7,367,819.64	
185	Dec-23		0.00		41,972.01	6.836%	41,972.01		41,972.01	7,409,791.65	-	7,409,791.65	
186	Jan-24		0.00		42,211.11	6.836%	42,211.11		42,211.11	7,452,002.76	-	7,452,002.76	
187	Feb-24	_	0.00		42,451.58	6.836%	42,451.58		42,451.58	7,494,454.34	-	7,494,454.34	
188	Mar-24		3,110,529.00		8,859.82	6.836%		8,859.82	3,119,388.82	10,613,843.16		7,494,454.34	3,119,388.82
189	Apr-24		0.00		17,770.12	6.836%		17,770.12	17,770.12	10,631,613.28		7,494,454.34	3,137,158.94
190	May-24		0.00		17,871.35	6.836%		17,871.35	17,871.35	10,649,484.63		7,494,454.34	3,155,030.29
191	Jun-24		0.00		17,973.16	6.836%		17,973.16	17,973.16	10,667,457.79		7,494,454.34	3,173,003.45
192	Jul-24		3,110,529.00		26,935.37	6.836%		26,935.37	3,137,464.37	13,804,922.16		7,494,454.34	6,310,467.82
193	Aug-24		0.00		35,948.63	6.836%		35,948.63	35,948.63	13,840,870.79		7,494,454.34	6,346,416.45
194	Sep-24		0.00		36,153.42	6.836%		36,153.42	36,153.42	13,877,024.21		7,494,454.34	6,382,569.87
195	Oct-24		0.00		36,359.37	6.836%		36,359.37	36,359.37	13,913,383.58		7,494,454.34	6,418,929.24
196													

History truncated for ease of viewing

197 198

199 200

201 NOTES
 202 1 - Transferred February balance of prior program year to 151820 Amort Industrial DSM for amortization (see note above).

Company: Northwest Natural Gas Company

State: Oregon

Description: Amortization of Industrial DSM Costs

Account Number: 151820

Docket: Dockets UM 1420, UG 475

Amortization of deferral approved in Order 23-398

Debit (Credit)

1 2

3					TOTAL	Interest		TOTAL
4	Month/Year N	ote	Amortization	Transfers	Interest	Rate	Activity	Balance
5	(a) (	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
6								
7	Beginning Balance							
174	Jul-23		(309,261.28)		1,670.80	1.82%	(307,590.48)	948,667.60
175	Aug-23		(293,661.40)		1,216.12	1.82%	(292,445.28)	656,222.32
176	Sep-23		(305,984.70)		763.23	1.82%	(305,221.47)	351,000.85
177	Oct-23		(373,380.23)		249.20	1.82%	(373,131.03)	(22,130.18)
178	Nov-23 Old rat	es	(160,973.91)		(155.64)	1.82%	(161,129.55)	(183,259.73)
179	Nov-23 New ra	tes <b>(1)</b>	(352,694.91)	6,284,939.93	26,114.23	5.13%	5,958,359.25	5,775,099.52
180	Dec-23		(666,881.49)		23,263.09	5.13%	(643,618.40)	5,131,481.12
181	Jan-24		(673,119.05)		20,498.29	5.13%	(652,620.76)	4,478,860.36
182	Feb-24		(678,916.95)		17,695.94	5.13%	(661,221.01)	3,817,639.35
183	Mar-24		(646,357.56)		14,938.82	5.13%	(631,418.74)	3,186,220.61
184	Apr-24		(552,772.49)		12,439.54	5.13%	(540,332.95)	2,645,887.66
185	May-24		(498,483.68)		10,245.66	5.13%	(488,238.02)	2,157,649.64
186	Jun-24		(412,814.57)		8,341.56	5.13%	(404,473.01)	1,753,176.63
187	Jul-24 <i>Foreca</i>	sted	(353,546.56)		6,739.12	5.13%	(346,807.44)	1,406,369.19
188	Aug-24 <i>Foreca</i>	sted	(357,249.39)		5,248.61	5.13%	(352,000.78)	1,054,368.41
189	Sep-24 Foreca	sted	(379,392.95)		3,696.47	5.13%	(375,696.48)	678,671.93
190	Oct-24 Foreca	sted	(475,242.41)		1,885.49	5.13%	(473,356.92)	205,315.01

## History truncated for ease of viewing

## **NOTES**

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195 **1** - Transferred in authorized balance from account 151818 Deferral of Industrial DSM.