

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

July 31, 2023

NWN OPUC Advice No. 23-08 / UG 475 (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, 2023, as follows:

Eleventh Revision of Sheet 188-1		Industrial Demand Side Management (DSM) Program Cost Recovery
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## **Purpose**

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, 2023. The Company last adjusted rates for this purpose effective November 1, 2022.

#### **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, 2022 and the application of the new temporary adjustment is an increase to the Company's annual revenues by \$1,003,712, or 0.12%.

The monthly bill of the average industrial customer served under Rate Schedule 3 using 1,304 therms per month is an increase of \$11.24. The monthly increase for the average industrial Rate Schedule 31 firm sales customer using 5,776 therms per month is \$49.79, 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 475; NWN OPUC Advice No. 23-08 July 31, 2023, Page 2

for the average industrial Rate Schedule 32 firm sales customer using 18,823 therms per month is \$162.26.

The proposed adjustment for the amortization of the Industrial DSM account is \$0.04655 per therm.

In compliance with OAR 860-022-0025 the Company states that the number of customers affected by the proposed change is 668 industrial customers and 582 commercial customers; 335 Rate Schedule 3 customers, 183 Rate Schedule 31 customers, and 732 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

Eleventh Revision of Sheet 188-1 Cancels Tenth Revision 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, 2023 (C)

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

\$0.04655 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 July 31, 2023, NWN OPUC Advice No. 23-08 Effective with service on and after November 1, 2023

## **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. 23-08/ UG 475 July 31, 2023

## **NW NATURAL**

## **EXHIBIT A**

## **Supporting Materials**

## Non-Gas Cost Deferral Amortizations

## Industrial Demand Side Management

## NWN OPUC ADVICE NO. 23-08 / UG 475

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
2023-24 PGA - Oregon: August Filing
Calculation of Increments Allocated on the EQUAL CENT PER THERM BASIS

		Oregon PGA	Proposed Amount:	6,434,573	Industrial DSM Temporary Increment	
		Volumes page,	Revenue Sensitive Multiplier:		add revenue sensitive	
		Column F	Amount to Amortize:		to C32 Sales and all In	
Schedule	Block	A		Multiplier Z	Volumes AA	Increment AB
2R	Diock	425,261,320		0.0	0	\$0.0000
3C Firm Sales		180,723,276		0.0	0	\$0.000
3I Firm Sales		5,242,606		1.0	5,242,606	\$0.046
27 Dry Out		790,225		0.0	0	\$0.000
31C Firm Sales	Block 1	10,541,198		0.0	0	\$0.000
	Block 2	11,528,162	4	0.0	0	\$0.000
31C Firm Trans	Block 1	1,150,855		0.0	0	\$0.000
31I Firm Sales	Block 2 Block 1	1,621,395 3,851,855	-	1.0	3,851,855	\$0.000 \$0.046
31111111 Jaies	Block 2	8,832,261		1.0	8,832,261	\$0.046
31I Firm Trans	Block 1	153,988		0.0	0	\$0.000
	Block 2	363,573		0.0	0	\$0.000
32C Firm Sales	Block 1	31,802,850		1.0	31,802,850	\$0.046
	Block 2	10,782,597		1.0	10,782,597	\$0.0465
	Block 3	2,237,041		1.0	2,237,041	\$0.046
	Block 4	1,038,828		1.0	1,038,828	\$0.046
	Block 5	30,626		1.0	30,626	\$0.0465
	Block 6	0		1.0	0	\$0.046
32I Firm Sales	Block 1	7,308,477		1.0	7,308,477	\$0.046
	Block 2	7,116,901		1.0	7,116,901	\$0.046
	Block 3	2,428,784		1.0	2,428,784	\$0.046
	Block 4	1,682,852		1.0	1,682,852	\$0.046! \$0.046!
	Block 5 Block 6	210,463 0		1.0 1.0	210,463 0	\$0.046
32C Firm Trans	Block 1	2,586,658	-	0.0	0	\$0.000
320 11111 114113	Block 2	2,000,143		0.0	0	\$0.000
	Block 3	713,689		0.0	0	\$0.000
	Block 4	908,192		0.0	0	\$0.000
	Block 5	22,758		0.0	0	\$0.000
	Block 6	0		0.0	0	\$0.000
32I Firm Trans	Block 1	11,491,095		0.0	0	\$0.0000
	Block 2	16,722,073		0.0	0	\$0.000
	Block 3	10,683,887		0.0	0	\$0.0000
	Block 4	22,101,234		0.0	0	\$0.000
	Block 5	23,116,595		0.0	0	\$0.0000
220 (	Block 6	7,997,925	-	0.0	0	\$0.0000
32C Interr Sales	Block 1 Block 2	4,812,286		1.0 1.0	4,812,286	\$0.046! \$0.046!
	Block 3	6,912,175 3,915,818		1.0	6,912,175 3,915,818	\$0.046
	Block 4	6,195,667		1.0	6,195,667	\$0.046
	Block 5	3,369,903		1.0	3,369,903	\$0.046
	Block 6	0		1.0	0	\$0.046
32I Interr Sales	Block 1	4,976,544		1.0	4,976,544	\$0.046
	Block 2	6,358,575		1.0	6,358,575	\$0.046
	Block 3	3,824,879		1.0	3,824,879	\$0.046
	Block 4	11,455,866		1.0	11,455,866	\$0.046
	Block 5	6,274,793		1.0	6,274,793	\$0.046
	Block 6	1,589,833		1.0	1,589,833	\$0.046
32C Interr Trans	Block 1	787,487		0.0	0	\$0.000
	Block 2	1,577,765		0.0	0	\$0.000
	Block 3	946,128		0.0	0	\$0.000
	Block 4 Block 5	3,171,260 663,407		0.0	0 0	\$0.0000 \$0.0000
	Block 5	0 0		0.0	0	\$0.000
32I Interr Trans	Block 1	6,332,023		0.0	0	\$0.000
	Block 2	10,799,708		0.0	0	\$0.0000
	Block 3	7,423,918		0.0	0	\$0.000
	Block 4	17,235,563		0.0	0	\$0.000
	Block 5	38,975,154		0.0	0	\$0.000
	Block 6	98,124,177		0.0	0	\$0.0000
Special Contracts		51,198,641		0.0	0	\$0.000
TOTALS		1,109,965,950			142,252,478 \$	0.046
Sources for line 2 abo	ve:					
Inputs page				Line 49		
Tariff Schedules						

UG 475 - NWN OPUC Advice 23-08 Industrial Demand Side Management Exhibit A - Supporting Materials Page 1 of 7

Advice 23-08

NW Natural Rates & Regulatory Affairs 2023-24 PGA - Oregon: August Filing Effects on Average Bill by Rate Schedule [1]

1	OLUMES IN THERN		Oregon PGA		Normal				Proposed	Proposed	See note [5] Proposed
			Normalized		Therms	Minimum	3/15/2023	3/15/2023	11/1/2023	11/1/2023	11/1/2023
			Volumes page,	Therms in	Monthly	Monthly	Billing	Current	Industrial DSM	Industrial DSM	Industrial DSM
			Column D	Block	Average use	Charge	Rates	Average Bill	Rates	Average Bill	% Bill Change
5		_						F=D+(C * E)		K = D+(C * J)	L =(K - F)/F
	Schedule	Block	Α	В	С	D	E	F	J	K	L
	2R 3C Firm Sales		425,261,320 180,723,276	N/A N/A	56 255	\$8.00 \$15.00	\$1.43686 \$1.18666	\$88.46 \$317.60	\$1.43686 \$1.18666	\$88.46 \$317.60	0.09
-	31 Firm Sales		5,242,606	N/A	1,304	\$15.00	\$1.13570	\$1,495.95	\$1.14432	\$1,507.19	0.89
, D	27 Dry Out		790,225	N/A	44	\$8.00	\$1.16589	\$59.30	\$1.16589	\$59.30	0.09
1.	31C Firm Sales	Block 1	10,541,198	2,000	2,816	\$325.00	\$0.85127	\$2,700.12	\$0.85127	\$2,700.12	0.09
2		Block 2	11,528,162	all additional			\$0.82424		\$0.82424	. ,	
3	31C Firm Trans	Block 1	1,150,855	2,000	3,916	\$575.00	\$0.28505	\$1,645.54	\$0.28505	\$1,645.54	0.09
4		Block 2	1,621,395	all additional			\$0.26119		\$0.26119		
5	31I Firm Sales	Block 1	3,851,855	2,000	5,776	\$325.00	\$0.84102	\$5,095.29	\$0.84964	\$5,145.08	1.09
6.		Block 2	8,832,261	all additional			\$0.81786		\$0.82648		
7 8	31I Firm Trans	Block 1	153,988	2,000	6,161	\$575.00	\$0.24605	\$1,995.36	\$0.24605	\$1,995.36	0.09
в. Э	32C Firm Sales	Block 2	363,573	all additional	7,043	\$675.00	\$0.22309	¢6 000 30	\$0.22309	\$6,149.00	1.09
)	SEC FILM SaleS	Block 1 Block 2	31,802,850 10,782,597	10,000 20,000	7,043	30/5.UU	\$0.76861 \$0.74322	\$6,088.29	\$0.77723 \$0.75184	30,149.UU	1.05
1		Block 3	2,237,041	20,000			\$0.70109		\$0.70971		
2		Block 4	1,038,828	100,000			\$0.65879		\$0.66741		
3		Block 5	30,626	600,000			\$0.62840		\$0.63702		
4		Block 6	0	all additional			\$0.61401		\$0.62263		
5	32I Firm Sales	Block 1	7,308,477	10,000	18,823	\$675.00	\$0.73013	\$14,247.56	\$0.73875	\$14,409.82	1.19
6		Block 2	7,116,901	20,000			\$0.71078		\$0.71940		
7		Block 3	2,428,784	20,000			\$0.67847		\$0.68709		
8		Block 4	1,682,852	100,000			\$0.64624		\$0.65486		
9		Block 5	210,463	600,000			\$0.62372		\$0.63234		
0 1	2205	Block 6	0	all additional	40.000	4000.00	\$0.61239	40.000.00	\$0.62101	40.000.00	
2	32C Firm Trans	Block 1 Block 2	2,586,658 2,000,143	10,000 20,000	19,973	\$925.00	\$0.13291 \$0.11396	\$3,390.69	\$0.13291 \$0.11396	\$3,390.69	0.09
3		Block 3	713,689	20,000			\$0.08251		\$0.08251		
4		Block 4	908,192	100,000			\$0.05102		\$0.05102		
5		Block 5	22,758	600,000			\$0.03209		\$0.03209		
6		Block 6	0	all additional			\$0.01952		\$0.01952		
7 -	32I Firm Trans	Block 1	11,491,095	10,000	77,536	\$925.00	\$0.13069	\$7,487.37	\$0.13069	\$7,487.37	0.09
8		Block 2	16,722,073	20,000			\$0.11214		\$0.11214		
9		Block 3	10,683,887	20,000			\$0.08125		\$0.08125		
0		Block 4	22,101,234	100,000			\$0.05039		\$0.05039		
1		Block 5	23,116,595	600,000			\$0.03179		\$0.03179		
2 3		Block 6	7,997,925	all additional	50.050	4000.00	\$0.01948		\$0.01948	400 400 60	
4	32C Interr Sales	Block 1	4,812,286	10,000	53,859	\$675.00	\$0.74068	\$38,643.34	\$0.74930	\$39,107.60	1.29
5		Block 2 Block 3	6,912,175 3,915,818	20,000 20,000			\$0.71933 \$0.68371		\$0.72795 \$0.69233		
6		Block 4	6,195,667	100,000			\$0.64806		\$0.65668		
7		Block 5	3,369,903	600,000			\$0.62665		\$0.63527		
8		Block 6	0	all additional			\$0.61101		\$0.61963		
9 -	32I Interr Sales	Block 1	4,976,544	10,000	42,886	\$675.00	\$0.72514	\$30,744.73	\$0.73376	\$31,114.41	1.29
0		Block 2	6,358,575	20,000			\$0.70622		\$0.71484		
1		Block 3	3,824,879	20,000			\$0.67469		\$0.68331		
2		Block 4	11,455,866	100,000			\$0.64312		\$0.65174		
3		Block 5	6,274,793	600,000			\$0.62420		\$0.63282		
4 .		Block 6	1,589,833	all additional			\$0.61033		\$0.61895		
5	32C Interr Trans	Block 1	787,487	10,000	198,501	\$925.00	\$0.12584	\$12,252.01	\$0.12584	\$12,252.01	0.09
6		Block 2 Block 3	1,577,765 946,128	20,000 20,000			\$0.10802 \$0.07829		\$0.10802 \$0.07829		
7 8		Block 4	3,171,260	100,000			\$0.04854		\$0.07829		
9		Block 5	663,407	600,000			\$0.03070		\$0.04854		
0		Block 6	003,407	all additional			\$0.01883		\$0.01883		
1 -	32I Interr Trans	Block 1	6,332,023	10,000	209,965	\$925.00	\$0.12605	\$12,645.11	\$0.12605	\$12,645.11	0.0
2		Block 2	10,799,708	20,000			\$0.10821	,,- ·-·-	\$0.10821	,,22	0.0
3		Block 3	7,423,918	20,000			\$0.07848		\$0.07848		
4		Block 4	17,235,563	100,000			\$0.04873		\$0.04873		
5		Block 5	38,975,154	600,000			\$0.03090		\$0.03090		
66		Block 6	98,124,177	all additional			\$0.01900		\$0.01900		
7	Special Contracts		51,198,641	N/A	0	\$0	\$0.00000	\$0.00	\$0.00000	\$0.00	

70 [1] For convenience of presentation, demand charges for Rate Schedules 31 and 32 have been removed.
 [2] Tariff Advice Notice 23-05: Non-Gas Cost Deferral Amortizations - Intervenor Funding

<sup>73 [3]</sup> Tariff Advice Notice 23-06: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee

<sup>74 [4]</sup> Tariff Advice Notice 23-07: Non-Gas Cost Deferral Amortizations - SRRM

<sup>75 [5]</sup> Tariff Advice Notice 23-08: Non-Gas Cost Deferral Amortizations - Industrial DSM

<sup>76 [6]</sup> Tariff Advice Notice 23-09: Non-Gas Cost Deferral Amortizations - Decoupling 77 [7] Tariff Advice Notice 23-10: Non-Gas Cost Deferral Amortizations - WARM

<sup>78 [8]</sup> Tariff Advice Notice 23-11: Non-Gas Cost Deferral Amortization - Corporate Activity Tax (CAT) Amortization

<sup>79 [9]</sup> Tariff Advice Notice 23-12: Non-Gas Cost Amortization - Net Curtaiment and Entitlement Revenues

<sup>80 [10]</sup> Tariff Advice Notice 23-13: Non-Gas Cost Amortization - Regulatory Rate Adjustment

<sup>81 [11]</sup> Tariff Advice Notice 23-14: Non-Gas Cost Amortization - Residenital Rate Mitigation 82 [12] Tariff Advice Notice 23-15: Non-Gas Cost Amortization - RNG Transport Allocation

<sup>83 [13]</sup> Tariff Advice Notice 23-16: COVID Years 2 & 3

<sup>84 [14]</sup> Tariff Advice Notice 23-17: Non-Gas Cost Amortization - TSA Security Directive

<sup>85 [15]</sup> Tariff Advice Notice 23-18: CCI's

<sup>86 [16]</sup> Tariff Advice Notice 23-19: PGA

<sup>87 [17]</sup> Tariff Advice Notice 23-20: RNG Adj Mechanism

# NW Natural Rates and Regulatory Affairs 2023-2024 PGA Filing - OREGON Basis for Revenue Related Costs

	Twelve Months	
1	Ended 06/30/23	
2		
3 Total Billed Gas Sales Revenues	\$ 977,383,649	
4 Total Oregon Revenues	\$ 981,971,599	
5		
6 Regulatory Commission Fees [1]	n/a	0.430% Statutory rate
7 City License and Franchise Fees	\$ 22,573,887	2.299% Line 7 ÷ Line 4
8 Net Uncollectible Expense [2]	\$ 881,388	0.090% Line 8 ÷ Line 4
9		
10 Total		<b>2.819%</b> Sum lines 8-9
11		<del></del>
8 Net Uncollectible Expense [2] 9	. , ,	0.090% Line 8 ÷ Line

#### 13 **Note:**

12

- 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 0.430%, 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

2023-2024 PGA Filing - Oregon: August Filing

PGA Effects on Revenue UG 475: Industrial DSM

1		Including Revenue Sensitive <u>Amount</u>
2	<u>Temporary Increments</u>	
3		
4	Removal of Current Temporary Increments	
5	Amortization of Industrial DSM	(5,617,497)
6		
7	Addition of Proposed Temporary Increments	
8	Amortization of Industrial DSM	6,621,209
9		
10		
11	TOTAL OF ALL COMPONENTS OF RATE CHANGES	<b>\$1,003,712</b>
12		
13		
14		
15	2022 Oregon Earnings Test Normalized Total Revenues	\$849,278,042
16		
17	Effect of this filing, as a percentage change (line 11 ÷ line 15)	0.12%

NW Natural Rates & Regulatory Affairs 2023-2024 PGA Filing - June Filing Summary of Deferred Accounts Included in the PGA

Juin	iniary of Deferred Accounts Included in the PGA	Balance	Jul-Oct Estimated	Jul-Oct	Estimated Balance	Interest Rate During	Estimated Interest During	Total Estimated Amount for (Refund) or	Amounts Excluded from	Amounts Included in
_	Account	6/30/2023	Activity	Interest	10/31/2023	Amortization	Amortization	Collection	PGA Filing	PGA Filing
	A	В	С	D	E	F1	F2	G	Н	I
					E = sum B thru D	5.13%		G = E + F2		Excl. Rev Sens
34	Miscellaneous Amortizations									
43	151818 INDUSTRIAL DSM DEFERRAL	6,284,940	0	0	6,284,940					
44	151820 INDUSTRIAL DSM AMORTIZATION	1,256,258	(1,285,966)	4,051	(25,657)					
45	Total	7,541,198	(1,285,966)	4,051	6,259,283	5.13%	175,290	6,434,573		6,434,573

Company: Northwest Natural Gas Company

State: Oregon

Description: Deferral of Industrial DSM Costs

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	Month/Year	Note	Deferral	Transfers	TOTAL Interest	Interest Rate	Mar 22- Feb 23 Interest	Mar 23- Feb 24 Interest	Total Activity	TOTAL Balance	Mar 22-Feb 23 Balance	Mar 23- Feb 24 Balance
		(b)		(d)		(e1)	(e12)	(e12)	(f)			
5	(a)	(D)	(c)	(u)	(e)	(61)	(612)	(E12)	(1)	(g)	(g12)	(g12)
6												
7	Beginning Balance											
164	Mar-22		1,500,000.00		4,353.13	6.965%	4,353.13		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		8,731.52	7,115,581.55	1,513,084.65	
166	May-22		0.00		8,782.20	6.965%	8,782.20		8,782.20	7,124,363.75	1,521,866.85	
167	Jun-22		2,000,000.00		14,637.34	6.965%	14,637.34		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		20,526.46	9,159,527.55	3,557,030.65	
169	Aug-22		0.00		20,645.60	6.965%	20,645.60		20,645.60	9,180,173.15	3,577,676.25	
170	Sep-22		0.00		20,765.43	6.965%	20,765.43		20,765.43	9,200,938.58	3,598,441.68	
171	Oct-22		0.00		20,885.96	6.965%	20,885.96		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%	27,828.90		(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		35,198.24	6,213,940.78	6,213,940.78	
174	Jan-23		0.00		35,398.75	6.836%	35,398.75		35,398.75	6,249,339.53	6,249,339.53	
175	Feb-23		0.00		35,600.40	6.836%	35,600.40		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				,	6.836%		0.00	, -	8,302,062.39	6,284,939.93	2,017,122.46
181	Aug-23					6.836%		0.00	_	8,302,062.39	6,284,939.93	2,017,122.46
182	Sep-23					6.836%		0.00	_	8,302,062.39	6,284,939.93	2,017,122.46
183	Oct-23					6.836%		0.00	_	8,302,062.39	6,284,939.93	2,017,122.46
184	OCI 25					0.050 /0		0.00		0,502,002.55	0,20 1,333.33	2,017,122.10
101												

#### History truncated for ease of viewing

#### **NOTES**

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<sup>1 -</sup> 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

Dockets UM 1420, UG 449

Amortization of 2021-22 deferral approved in Order 22-407

Debit (Credit)

1

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3					TOTAL	Interest		TOTAL
4	Month/Year	Note	Amortization	Transfers	Interest	Rate	Activity	Balance
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
6								
7	Beginning Balance							
165	Nov-22 Old		(76,280.32)		(320.94)	1.24%	(76,601.26)	(349,049.13)
166	Nov-22 Ne	w rates <b>(1)</b>	(348,032.28)	5,602,496.90	8,233.20	1.82%	5,262,697.82	4,913,648.69
167	Dec-22		(602,536.74)		6,995.44	1.82%	(595,541.30)	4,318,107.39
168	Jan-23		(611,706.18)		6,085.25	1.82%	(605,620.93)	3,712,486.46
169	Feb-23		(580,173.87)		5,190.64	1.82%	(574,983.23)	3,137,503.23
170	Mar-23		(615,163.41)		4,292.05	1.82%	(610,871.36)	2,526,631.87
171	Apr-23		(532,214.38)		3,428.46	1.82%	(528,785.92)	1,997,845.95
172	May-23		(411,826.62)		2,717.76	1.82%	(409,108.86)	1,588,737.09
173	Jun-23		(334,634.83)		2,155.82	1.82%	(332,479.01)	1,256,258.08
174	Jul-23 <i>for</i>	ecasted	(286,926.12)		1,687.74	1.82%	(285,238.38)	971,019.70
175	Aug-23 <i>for</i>	ecasted	(282,187.11)		1,258.72	1.82%	(280,928.39)	690,091.31
176	Sep-23 for	ecasted	(294,273.17)		823.48	1.82%	(293,449.69)	396,641.62
177	Oct-23 for	ecasted	(422,579.32)		281.12	1.82%	(422,298.20)	(25,656.58)
178								

## History truncated for ease of viewing

## **NOTES**

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182 **1** - Transferred in authorized balance from account 151818 Deferral of Industrial DSM.