

September 01, 2022

NWN OPUC Advice No. 22-06A / UG 448
(UM 1078)**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: REPLACEMENT FILING
REQUEST FOR AMORTIZATION OF AMOUNTS COLLECTIBLE THROUGH SITE
REMEDATION RECOVERY MECHANISM (SRRM): UM 1078 AND UM 1635**

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith revisions and additions to its Tariff, P.U.C. Or. 25,¹ stated to become effective with service on and after November 1, 2022, as follows:

Eighth Revision of Sheet 183-3	Schedule 183	Site Remediation Recovery Mechanism (SRRM) (continued)
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This filing replaces, in the entirety, the tariff sheet and Exhibit A originally filed under NWN OPUC Advice No. 22-06 (UG 448) dated July 29, 2022. The purpose of this replacement filing is to revise the customer usage forecast, which acts as the billing determinants for this Schedule.

Purpose

This filing is made in accordance with the Public Utility Commission of Oregon's (Commission) orders in UM 1635. The purpose of this filing is to request amortization of amounts deferred under docket UM 1078 for inclusion in rates effective November 1, 2022. The Company revises rates for this purpose annually; the last filing was effective November 1, 2021.

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 Commission in a proceeding to change rates and with Order No. 15-049 in docket UM 1635. All of the deferrals included in this filing occurred with appropriate application by Commission authorization, as rate orders or under approved tariffs.

¹ 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.

Proposed Changes

The net effect of the removal of the current temporary adjustments applied to rates effective November 1, 2021, and the application of the new temporary adjustments is to increase the Company's annual revenues by \$391,672 or about 0.06%. The monthly bill of the average residential customer served under Rate Schedule 2 using 54 therms per month will increase by \$0.04, or 0.1%. The monthly increase for the average commercial Rate Schedule 3 customer using 242 therms is about \$0.10, and the monthly increase for the average commercial Rate Schedule 31 customer using 2,898 therms is about \$0.82. The average Rate Schedule 32 firm sales industrial customer using 20,842 therms will see a monthly increase of about \$2.18. The average bill effects for all other rate schedule and service types can be found in the separately provided workpapers.

In compliance with OAR 860-022-0025 the Company states that the number of customers affected by the proposed change is 631,884 residential customers, and 61,862 commercial customers, and 834 industrial 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:

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
Rate/Regulatory Manager

Attachments: Exhibit A – Supporting Materials

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Eighth Revision of Sheet 183-3
Cancels Seventh Revision of Sheet 183-3

SCHEDULE 183 SITE REMEDIATION RECOVERY MECHANISM (SRRM) (continued)

APPLICATION TO RATE SCHEDULES:

Effective: November 1, 2022

(C)

The Total Adjustment amount shown below is included in the Temporary Adjustments reflected in the above-listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

Rate Schedule/Class	Block	SRRM Adjustment		Rate Schedule/Class	Block	SRRM Adjustment
2		\$0.01170		31 CSF	Block 1	\$0.00607
03 CSF		\$0.00853			Block 2	\$0.00554
03 ISF		\$0.00648		31 CTF	Block 1	\$0.00619
27		\$0.00942			Block 2	\$0.00566
				31 ISF	Block 1	\$0.00407
					Block 2	\$0.00367
				31 ITF	Block 1	\$0.00473
					Block 2	\$0.00428
32 CSF	Block 1	\$0.00379		32 CSI	Block 1	\$0.00227
	Block 2	\$0.00320			Block 2	\$0.00192
	Block 3	\$0.00222			Block 3	\$0.00133
	Block 4	\$0.00123			Block 4	\$0.00074
	Block 5	\$0.00053			Block 5	\$0.00038
	Block 6	\$0.00019			Block 6	\$0.00012
32 ISF	Block 1	\$0.00254		32 ISI	Block 1	\$0.00225
	Block 2	\$0.00215			Block 2	\$0.00190
	Block 3	\$0.00149			Block 3	\$0.00132
	Block 4	\$0.00083			Block 4	\$0.00073
	Block 5	\$0.00036			Block 5	\$0.00038
	Block 6	\$0.00013			Block 6	\$0.00012
32 CTF	Block 1	\$0.00294		32 CTI	Block 1	\$0.00235
	Block 2	\$0.00250			Block 2	\$0.00200
	Block 3	\$0.00176			Block 3	\$0.00141
	Block 4	\$0.00103			Block 4	\$0.00082
	Block 5	\$0.00059			Block 5	\$0.00047
	Block 6	\$0.00029			Block 6	\$0.00024
32 ITF	Block 1	\$0.00238		32 ITI	Block 1	\$0.00211
	Block 2	\$0.00202			Block 2	\$0.00180
	Block 3	\$0.00143			Block 3	\$0.00127
	Block 4	\$0.00083			Block 4	\$0.00074
	Block 5	\$0.00048			Block 5	\$0.00042
	Block 6	\$0.00024			Block 6	\$0.00021
				33		\$0.00000

(b) (1)

(b) (1)
(R)

Issued September 01, 2022
NWN OPUC Advice No. 22-06A

Effective with service on
and after November 1, 2022

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations
Site Remediation Recovery Mechanism (SRRM)

UM 1078

NWN OPUC Advice No. 22-06A / UG 448

September 01, 2022

NW NATURAL

EXHIBIT A

Supporting Materials

Non-Gas Cost Deferral Amortizations

SRRM

NWN OPUC ADVICE NO. 22-06A / UG 448

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
186183 Amortization of SRRM	6
186182 SRRM Post Prudence and Amount Calculated for Rate Making	7

NW Natural
 Rates & Regulatory Affairs
 2022-23 PGA - Oregon: September Filing

Calculation of Increments Allocated on the EQUAL PERCENTAGE OF MARGIN BASIS
 ALL VOLUMES IN THERMS

Schedule	Block	Oregon PGA Volumes page, Column F	Billing Rate from Rates page, Column A	WACOG & Demand from Rates page, Column B+C+D*	Temps from Temporary Increment page, Column A	MARGIN Rate	Volumetric Margin	Customer Charge	Customers	Total Margin	Proposed Amount: Revenue Sensitive Multiplier: Amount to Amortize:	SRRM Deferral		
												Multiplier J	Allocation to RS K	Increment L
												6,801,482	Temporary Increment	
												2.818%	add revenue sensitive factor	
												6,998,706	to all classes and schedules	
2R		407,980,561	\$1.04637	\$0.42170	\$0.04668	\$0.57799	\$235,808,684	\$8.00	631,884	\$296,469,548		1.0	\$4,773,850	\$0.01170
3C Firm Sales		170,909,185	\$0.95180	\$0.42170	\$0.06216	\$0.46794	\$79,975,244	\$15.00	58,963	\$90,588,584		1.0	\$1,458,687	\$0.00853
3I Firm Sales		6,284,310	\$0.88434	\$0.42170	\$0.07021	\$0.39243	\$2,466,152	\$15.00	340	\$2,527,352		1.0	\$40,696	\$0.00648
27 Dry Out		810,211	\$0.87077	\$0.42170	\$0.05061	\$0.39846	\$322,837	\$8.00	1,576	\$474,133		1.0	\$7,635	\$0.00942
31C Firm Sales	Block 1	11,585,381	\$0.62830	\$0.31601	\$0.05240	\$0.25989	\$5,516,319	\$325.00	637	\$8,000,619		1.0	\$128,829	\$0.00607
	Block 2	10,565,491	\$0.60555	\$0.31601	\$0.05241	\$0.23713						1.0		\$0.00554
31C Firm Trans	Block 1	1,215,943	\$0.23009	\$0.00000	\$0.00061	\$0.22948	\$603,353	\$575.00	59	\$1,010,453		1.0	\$16,271	\$0.00619
	Block 2	1,545,847	\$0.21037	\$0.00000	\$0.00057	\$0.20980						1.0		\$0.00566
31I Firm Sales	Block 1	4,654,548	\$0.58665	\$0.31601	\$0.07022	\$0.20042	\$2,833,067	\$325.00	189	\$3,570,167		1.0	\$57,488	\$0.00407
	Block 2	10,516,948	\$0.56691	\$0.31601	\$0.07022	\$0.18068						1.0		\$0.00367
31I Firm Trans	Block 1	158,179	\$0.20208	\$0.00000	\$0.00069	\$0.20139	\$105,248	\$575.00	7	\$153,548		1.0	\$2,472	\$0.00473
	Block 2	403,212	\$0.18270	\$0.00000	\$0.00068	\$0.18202						1.0		\$0.00428
32C Firm Sales ¹	Block 1	33,034,672	\$0.51525	\$0.31601	\$0.06999	\$0.12925	\$5,431,208	\$675.00	538	\$9,892,685		1.0	\$159,295	\$0.00379
	Block 2	9,314,339	\$0.49513	\$0.31601	\$0.07001	\$0.10911						1.0		\$0.00320
	Block 3	1,669,024	\$0.46168	\$0.31601	\$0.07002	\$0.07565						1.0		\$0.00222
	Block 4	449,802	\$0.42812	\$0.31601	\$0.07003	\$0.04208						1.0		\$0.00123
	Block 5	0	\$0.40359	\$0.31601	\$0.06962	\$0.01796						1.0		\$0.00053
	Block 6	0	\$0.39217	\$0.31601	\$0.06964	\$0.00652						1.0		\$0.00019
32I Firm Sales ¹	Block 1	7,525,179	\$0.50505	\$0.31601	\$0.07017	\$0.11887	\$1,755,897	\$675.00	68	\$2,332,938		1.0	\$37,566	\$0.00254
	Block 2	7,019,347	\$0.48654	\$0.31601	\$0.07018	\$0.10035						1.0		\$0.00215
	Block 3	2,009,960	\$0.45562	\$0.31601	\$0.07019	\$0.06942						1.0		\$0.00149
	Block 4	452,461	\$0.42480	\$0.31601	\$0.07021	\$0.03858						1.0		\$0.00083
	Block 5	0	\$0.40295	\$0.31601	\$0.06988	\$0.01706						1.0		\$0.00036
	Block 6	0	\$0.39213	\$0.31601	\$0.06989	\$0.00623						1.0		\$0.00013
32C Firm Trans	Block 1	2,620,992	\$0.12085	\$0.00000	\$0.00026	\$0.12059	\$636,196	\$925.00	28	\$962,699		1.0	\$15,502	\$0.00294
	Block 2	2,162,687	\$0.10271	\$0.00000	\$0.00024	\$0.10247						1.0		\$0.00250
	Block 3	750,954	\$0.07256	\$0.00000	\$0.00020	\$0.07236						1.0		\$0.00176
	Block 4	1,043,887	\$0.04238	\$0.00000	\$0.00016	\$0.04222						1.0		\$0.00103
	Block 5	4,474	\$0.02424	\$0.00000	\$0.00015	\$0.02409						1.0		\$0.00059
	Block 6	0	\$0.01211	\$0.00000	\$0.00001	\$0.01210						1.0		\$0.00029
32I Firm Trans	Block 1	11,249,133	\$0.11947	\$0.00000	\$0.00044	\$0.11903	\$5,285,932	\$925.00	103	\$6,567,248		1.0	\$105,748	\$0.00238
	Block 2	16,747,498	\$0.10158	\$0.00000	\$0.00042	\$0.10116						1.0		\$0.00202
	Block 3	10,738,714	\$0.07180	\$0.00000	\$0.00038	\$0.07142						1.0		\$0.00143
	Block 4	21,608,366	\$0.04203	\$0.00000	\$0.00035	\$0.04168						1.0		\$0.00083
	Block 5	21,402,253	\$0.02413	\$0.00000	\$0.00034	\$0.02379						1.0		\$0.00048
	Block 6	6,366,501	\$0.01227	\$0.00000	\$0.00033	\$0.01194						1.0		\$0.00024
32C Interr Sales	Block 1	5,250,637	\$0.49959	\$0.31601	\$0.06615	\$0.11743	\$2,023,006	\$675.00	50	\$2,428,006		1.0	\$39,097	\$0.00227
	Block 2	7,774,070	\$0.48127	\$0.31601	\$0.06612	\$0.09914						1.0		\$0.00192
	Block 3	4,548,015	\$0.45072	\$0.31601	\$0.06609	\$0.06862						1.0		\$0.00133
	Block 4	6,629,796	\$0.42017	\$0.31601	\$0.06606	\$0.03810						1.0		\$0.00074
	Block 5	3,590,613	\$0.40182	\$0.31601	\$0.06603	\$0.01978						1.0		\$0.00038
	Block 6	0	\$0.38818	\$0.31601	\$0.06579	\$0.00638						1.0		\$0.00012
32I Interr Sales	Block 1	6,405,854	\$0.49934	\$0.31601	\$0.06642	\$0.11691	\$2,481,098	\$675.00	60	\$2,967,098		1.0	\$47,777	\$0.00225
	Block 2	8,286,879	\$0.48110	\$0.31601	\$0.06640	\$0.09869						1.0		\$0.00190
	Block 3	4,925,421	\$0.45068	\$0.31601	\$0.06636	\$0.06831						1.0		\$0.00132
	Block 4	12,504,521	\$0.42027	\$0.31601	\$0.06634	\$0.03792						1.0		\$0.00073
	Block 5	5,270,851	\$0.40201	\$0.31601	\$0.06632	\$0.01968						1.0		\$0.00038
	Block 6	0	\$0.38839	\$0.31601	\$0.06604	\$0.00634						1.0		\$0.00012
32C Interr Trans	Block 1	829,989	\$0.11540	\$0.00000	\$0.00018	\$0.11522	\$458,368	\$925.00	11	\$580,468		1.0	\$9,347	\$0.00235
	Block 2	1,633,924	\$0.09810	\$0.00000	\$0.00016	\$0.09794						1.0		\$0.00200
	Block 3	962,812	\$0.06928	\$0.00000	\$0.00013	\$0.06915						1.0		\$0.00141
	Block 4	3,077,817	\$0.04044	\$0.00000	\$0.00011	\$0.04033						1.0		\$0.00082
	Block 5	520,526	\$0.02315	\$0.00000	\$0.00009	\$0.02306						1.0		\$0.00047
	Block 6	0	\$0.01157	\$0.00000	\$0.00001	\$0.01156						1.0		\$0.00024
32I Interr Trans	Block 1	6,950,973	\$0.11561	\$0.00000	\$0.00039	\$0.11522	\$5,370,150	\$925.00	67	\$6,113,850		1.0	\$98,447	\$0.00211
	Block 2	12,319,513	\$0.09831	\$0.00000	\$0.00037	\$0.09794						1.0		\$0.00180
	Block 3	8,609,147	\$0.06948	\$0.00000	\$0.00033	\$0.06915						1.0		\$0.00127
	Block 4	19,262,609	\$0.04065	\$0.00000	\$0.00032	\$0.04033						1.0		\$0.00074
	Block 5	37,658,652	\$0.02335	\$0.00000	\$0.00029	\$0.02306						1.0		\$0.00042
	Block 6	97,066,948	\$0.01184	\$0.00000	\$0.00028	\$0.01156						1.0		\$0.00021
33		0	\$0.00585	\$0.00000	\$0.00011	\$0.00574	\$0	\$38,000.00	0	\$0		0.0	\$0	\$0.00000

TOTALS 1,036,879,625 \$ 351,072,759 \$ 434,639,396 \$ 6,998,707
 Sources for line 2 above: \$ 34,965,994 \$ 47,107,131

Inputs page	Line 51
Tariff Schedules	
Rate Adjustment Schedule	Sched 183

Note: Allocation to rate schedules or blocks with zero volumes is calculated on an overall margin percentage change basis.
 * Since Billing Rates for all schedules above 31 do not include demand, column c for those schedules is WACOG only
 * Rate schedule 32 firm service includes as total margin the storage and distribution capacity charges and are derived using MDDV therm usages

NW Natural
 Rates & Regulatory Affairs
 2022-23 PGA - Oregon: September Filing
 Effects on Average Bill by Rate Schedule [1]

Advice 22-06A
 See note [4]

1	2	Oregon PGA	Normal	Minimum	11/1/2021	11/1/2021	Proposed	Proposed	Proposed			
3	4	Normalized	Therms				11/1/2022	11/1/2022	11/1/2022			
5	6	Volumes page,	Therms in	Monthly	Monthly	Billing	Current	SRRM Deferral	SRRM Deferral	SRRM Deferral		
7	8	Column D	Block	Average use	Charge	Rates	Average Bill	Rates	Average Bill	% Bill Change		
9	10						F=D+(C * E)	M	N = D*(C * M)	O = (N - F)/F		
11	12	Schedule	Block	A	B	C	D	E	F	M	N	O
13	14	2R		407,980,561	N/A	54	\$8.00	\$1.04637	\$64.50	\$1.04697	\$64.54	0.1%
15	16	3C Firm Sales		170,909,185	N/A	242	\$15.00	\$0.95180	\$245.34	\$0.95222	\$245.44	0.0%
17	18	3I Firm Sales		6,284,310	N/A	1,540	\$15.00	\$0.88434	\$1,376.88	\$0.88465	\$1,377.35	0.0%
19	20	27 Dry Out		810,211	N/A	43	\$8.00	\$0.87077	\$45.44	\$0.87132	\$45.47	0.1%
21	22	31C Firm Sales	Block 1	11,585,381	2,000	2,898	\$325.00	\$0.62830	\$2,125.37	\$0.62859	\$2,126.19	0.0%
23	24		Block 2	10,565,491	all additional			\$0.60555		\$0.60582		
25	26	31C Firm Trans	Block 1	1,215,943	2,000	3,901	\$575.00	\$0.23009	\$1,435.08	\$0.23026	\$1,435.72	0.0%
27	28		Block 2	1,545,847	all additional			\$0.21037		\$0.21053		
29	30	31I Firm Sales	Block 1	4,654,548	2,000	6,689	\$325.00	\$0.58665	\$4,156.55	\$0.58669	\$4,156.82	0.0%
31	32		Block 2	10,516,948	all additional			\$0.56691		\$0.56695		
33	34	31I Firm Trans	Block 1	158,179	2,000	6,683	\$575.00	\$0.20208	\$1,834.75	\$0.20220	\$1,835.51	0.0%
35	36		Block 2	403,212	all additional			\$0.18270		\$0.18281		
37	38	32C Firm Sales	Block 1	33,034,672	10,000	6,888	\$675.00	\$0.51525	\$4,224.02	\$0.51541	\$4,225.12	0.0%
39	40		Block 2	9,314,339	20,000			\$0.49513		\$0.49526		
41	42		Block 3	1,669,024	20,000			\$0.46168		\$0.46177		
43	44		Block 4	449,802	100,000			\$0.42812		\$0.42817		
45	46		Block 5	0	600,000			\$0.40359		\$0.40362		
47	48		Block 6	0	all additional			\$0.39217		\$0.39218		
49	50	32I Firm Sales	Block 1	7,525,179	10,000	20,842	\$675.00	\$0.50505	\$11,000.65	\$0.50516	\$11,002.83	0.0%
51	52		Block 2	7,019,347	20,000			\$0.48654		\$0.48664		
53	54		Block 3	2,009,960	20,000			\$0.45562		\$0.45569		
55	56		Block 4	452,461	100,000			\$0.42480		\$0.42484		
57	58		Block 5	0	600,000			\$0.40295		\$0.40296		
59	60		Block 6	0	all additional			\$0.39213		\$0.39213		
61	62	32C Firm Trans	Block 1	2,620,992	10,000	19,592	\$925.00	\$0.12085	\$3,118.76	\$0.12096	\$3,120.82	0.1%
63	64		Block 2	2,162,687	20,000			\$0.10271		\$0.10281		
65	66		Block 3	750,954	20,000			\$0.07256		\$0.07262		
67	68		Block 4	1,043,887	100,000			\$0.04238		\$0.04242		
69	70		Block 5	4,474	600,000			\$0.02424		\$0.02426		
71	72		Block 6	0	all additional			\$0.01211		\$0.01212		
73	74	32I Firm Trans	Block 1	11,249,133	10,000	71,288	\$925.00	\$0.11947	\$6,482.07	\$0.11956	\$6,486.41	0.1%
75	76		Block 2	16,747,498	20,000			\$0.10158		\$0.10166		
77	78		Block 3	10,738,714	20,000			\$0.07180		\$0.07186		
79	80		Block 4	21,608,366	100,000			\$0.04203		\$0.04206		
81	82		Block 5	21,402,253	600,000			\$0.02413		\$0.02415		
83	84		Block 6	6,366,501	all additional			\$0.01227		\$0.01228		
85	86	32C Interr Sales	Block 1	5,250,637	10,000	46,322	\$675.00	\$0.49959	\$22,652.82	\$0.49970	\$22,657.06	0.0%
87	88		Block 2	7,774,070	20,000			\$0.48127		\$0.48137		
89	90		Block 3	4,548,015	20,000			\$0.45072		\$0.45079		
91	92		Block 4	6,629,796	100,000			\$0.42017		\$0.42021		
93	94		Block 5	3,590,613	600,000			\$0.40182		\$0.40184		
95	96		Block 6	0	all additional			\$0.38818		\$0.38818		
97	98	32I Interr Sales	Block 1	6,405,854	10,000	51,935	\$675.00	\$0.49934	\$25,117.21	\$0.49938	\$25,119.03	0.0%
99	100		Block 2	8,286,879	20,000			\$0.48110		\$0.48114		
101	102		Block 3	4,925,421	20,000			\$0.45068		\$0.45071		
103	104		Block 4	12,504,521	100,000			\$0.42027		\$0.42028		
105	106		Block 5	5,270,851	600,000			\$0.40201		\$0.40202		
107	108		Block 6	0	all additional			\$0.38839		\$0.38839		
109	110	32C Interr Trans	Block 1	829,989	10,000	53,220	\$925.00	\$0.11540	\$5,556.74	\$0.11569	\$5,568.36	0.2%
111	112		Block 2	1,633,924	20,000			\$0.09810		\$0.09835		
113	114		Block 3	962,812	20,000			\$0.06928		\$0.06945		
115	116		Block 4	3,077,817	100,000			\$0.04044		\$0.04054		
117	118		Block 5	520,526	600,000			\$0.02315		\$0.02321		
119	120		Block 6	0	all additional			\$0.01157		\$0.01160		
121	122	32I Interr Trans	Block 1	6,950,973	10,000	226,204	\$925.00	\$0.11561	\$11,281.52	\$0.11570	\$11,289.94	0.1%
123	124		Block 2	12,319,513	20,000			\$0.09831		\$0.09840		
125	126		Block 3	8,609,147	20,000			\$0.06948		\$0.06954		
127	128		Block 4	19,262,609	100,000			\$0.04065		\$0.04068		
129	130		Block 5	37,658,652	600,000			\$0.02335		\$0.02337		
131	132		Block 6	97,066,948	all additional			\$0.01184		\$0.01185		
133	134	33		0	N/A	0	\$38,000	\$0.00585	\$38,000.00	\$0.00574	\$38,000.00	0.0%
135	136	Totals		1,036,879,625								

[1] For convenience of presentation, demand charges for Rate Schedules 31 and 32 have been removed.
 [2] Tariff Advice Notice 22-04A: Non-Gas Cost Deferral Amortizations - Intervenor Funding
 [3] Tariff Advice Notice 22-05A: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee
 [4] Tariff Advice Notice 22-06A: Non-Gas Cost Deferral Amortizations - SRRM
 [5] Tariff Advice Notice 22-07A: Non-Gas Cost Deferral Amortizations - Industrial DSM
 [6] Tariff Advice Notice 22-08A: Non-Gas Cost Deferral Amortizations - Decoupling
 [7] Tariff Advice Notice 22-09A: Non-Gas Cost Deferral Amortizations - WARM
 [8] Tariff Advice Notice 22-10A: Non-Gas Cost Deferral Amortization - Corporate Activity Tax (CAT) Amortization
 [9] Tariff Advice Notice 22-11A: Non-Gas Cost Amortization - Net Curtailment and Entitlement Revenues
 [10] Tariff Advice Notice 22-12A: Non-Gas Cost Amortization - Gas Reserves EDIT Amortization Credit
 [11] Tariff Advice Notice 22-13A: Non-Gas Cost Amortization - Residual Balance, GeoTEE, and Astoria Sale
 [12] Tariff Advice Notice 22-14A: Non-Gas Cost Amortization - Climate Protection Program (CPP)
 [13] Tariff Advice Notice 21-15A: PGA
 [14] Tariff Advice Notice 22-16A: Non-Gas Cost Amortization - TSA

NW Natural
Rates and Regulatory Affairs
2022-2023 PGA Filing - OREGON
Basis for Revenue Related Costs

	Twelve Months <u>Ended 06/30/22</u>		
1			
2			
3	Total Billed Gas Sales Revenues	\$ 760,119,061	
4	Total Oregon Revenues	\$ 767,240,632	
5			
6	Regulatory Commission Fees [1]	n/a	0.430% Statutory rate
7	City License and Franchise Fees	\$ 17,575,166	2.291% Line 7 ÷ Line 4
8	Net Uncollectible Expense [2]	\$ 744,324	0.097% Line 8 ÷ Line 4
9			
10	Total		2.818% 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 0.430%, 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
2022-2023 PGA Filing - Oregon: September Filing
PGA Effects on Revenue
UG 448: SRRM

	Including Revenue Sensitive Amount
1 <u>SRRM Components:</u>	
2	
3 <u>Removal of Current Temporary Increments:</u>	
4	
5 Amortization of SRRM	(6,607,034)
6	
7 <u>Addition of Proposed Temporary Increments:</u>	
8	
9 Amortization of SRRM	6,998,706
10	
11 Total	\$ 391,672
12	
13	
14	
15 2021 Oregon Earnings Test Normalized Total Revenues	\$707,222,790
16	
17 Effect of this filing, as a percentage change (line 11 ÷ line 15)	0.06%

NW Natural
Rates & Regulatory Affairs
2022-2023 PGA Filing - September Filing
Summary of Deferred Accounts Included in the PGA

	Account	Balance 6/30/2022	Jul-Oct Estimated Activity	Jul-Oct Interest	Estimated Balance 10/31/2022	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	B	C	D	E	F1	F2	G	H	I
					E = sum B thru D	1.82%		G = E + F2		Excl. Rev Sens
34	Miscellaneous Amortizations									
38	186183 SRRM AMORTIZATION	890,287	(967,798)	2,067	(75,444)					
39	186182 SRRM POST PRUDENCE (one-fifth of balance and interest)	5,085,317	1,674,416	50,614	6,810,347					
40	Total	5,975,604	706,618	52,681	6,734,903	1.82%	66,579	6,801,482		6,801,482

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of SRRM
 Account Number: 186183
 Dockets UM 1635, UG 404 and UG 424
 Amortization of SRRM last approved in Order 21-368

1	Debit	(Credit)						
2								
3	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance
4	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
5								
6	Beginning Balance							0.00
83	Jun-21		(169,602.23)		2.63%	1,786.90	(167,815.33)	732,302.35
84	Jul-21		(111,371.08)		2.63%	1,482.92	(109,888.16)	622,414.19
85	Aug-21		(102,505.00)		2.63%	1,251.80	(101,253.20)	521,160.99
86	Sep-21		(115,012.03)		2.63%	1,016.18	(113,995.85)	407,165.14
87	Oct-21		(201,388.79)		2.63%	671.68	(200,717.11)	206,448.03
88	Nov-21 Old rates		(178,239.01)		2.63%	257.15	(177,981.86)	28,466.17
89	Nov-21 New rates (1)		(240,581.11)	6,279,772.38	1.24%	6,364.80	6,045,556.07	6,074,022.24
90	Dec-21		(818,212.16)		1.24%	5,853.75	(812,358.41)	5,261,663.83
91	Jan-22		(1,156,348.21)		1.24%	4,839.61	(1,151,508.60)	4,110,155.23
92	Feb-22		(951,554.11)		1.24%	3,755.52	(947,798.59)	3,162,356.64
93	Mar-22		(800,907.10)		1.24%	2,853.97	(798,053.13)	2,364,303.51
94	Apr-22		(622,683.62)		1.24%	2,121.39	(620,562.23)	1,743,741.28
95	May-22		(534,995.90)		1.24%	1,525.45	(533,470.45)	1,210,270.83
96	Jun-22		(321,069.05)		1.24%	1,084.73	(319,984.32)	890,286.51
97	Jul-22 <i>Forecast</i>		(178,615.40)		1.24%	827.68	(177,787.72)	712,498.79
98	Aug-22 <i>Forecast</i>		(177,808.72)		1.24%	644.38	(177,164.34)	535,334.45
99	Sep-22 <i>Forecast</i>		(189,630.76)		1.24%	455.20	(189,175.56)	346,158.89
100	Oct-22 <i>Forecast</i>		(421,742.66)		1.24%	139.80	(421,602.86)	(75,443.97)

101
 102 **History truncated for ease of viewing**

103
 104 **NOTES**

105 **1** - Transferred in authorized balances from Environmental Post Prudent account 186182.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: SRRM Post-Prudence
 Account Number: 186182
 Other Info: SRRM Environmental Mechanism established in Order No. 12-437

1	Debit (Credit)		Transfer In		Transfer Out		Interest			
2	Month/Year	Note	From Pre-Prudence	To Amortization	Adjustments	Interest	Rate	Activity	Balance	
3	(a)	(b)	(c)	(d)	(e)	(f1)	(f2)	(g)	(h)	
4	Beginning Balance									
77	Nov-20	1		(4,174,167.52)		37,289.23	2.68%	(4,136,878.29)	16,733,959.31	
78	Dec-20					37,372.51	2.68%	37,372.51	16,771,331.82	
79	Jan-21					19,566.55	1.40%	19,566.55	16,790,898.37	
80	Feb-21	2			2.01	19,589.38	1.40%	19,591.39	16,810,489.76	
81	Mar-21					19,612.24	1.40%	19,612.24	16,830,102.00	
82	Apr-21					19,635.12	1.40%	19,635.12	16,849,737.12	
83	May-21					19,658.03	1.40%	19,658.03	16,869,395.15	
84	Jun-21					19,680.96	1.40%	19,680.96	16,889,076.11	
85	Jul-21					19,703.92	1.40%	19,703.92	16,908,780.03	
86	Aug-21					19,726.91	1.40%	19,726.91	16,928,506.94	
87	Sep-21	3	14,397,218.95			36,546.68	1.40%	14,433,765.63	31,362,272.57	
88	Oct-21					36,589.32	1.40%	36,589.32	31,398,861.89	
89	Nov-21	1		(6,279,772.38)	(33,996.95)	29,265.94	1.40%	(6,284,503.39)	25,114,358.50	
90	Dec-21					29,300.08	1.40%	29,300.08	25,143,658.58	
91	Jan-22					46,934.83	2.24%	46,934.83	25,190,593.41	
92	Feb-22					47,022.44	2.24%	47,022.44	25,237,615.85	
93	Mar-22					47,110.22	2.24%	47,110.22	25,284,726.07	
94	Apr-22					47,198.16	2.24%	47,198.16	25,331,924.23	
95	May-22					47,286.26	2.24%	47,286.26	25,379,210.49	
96	Jun-22					47,374.53	2.24%	47,374.53	25,426,585.02	
97	Jul-22		8,372,079.31			63,090.84	2.24%	8,435,170.15	33,861,755.17	
98	Aug-22					63,208.61	2.24%	63,208.61	33,924,963.78	
99	Sep-22					63,326.60	2.24%	63,326.60	33,988,290.38	
100	Oct-22					63,444.81	2.24%	63,444.81	34,051,735.19	

1/5 of balance

6/30/2022	5,085,317.00
Jul-Oct 2022 Activity	1,674,415.86
Jul-Oct 2022 Interest	50,614.17
Total for Amortization	6,810,347.04

History truncated for ease of viewing

Notes:

- 1** - Transferred authorized amount to amortization account 186183.
- 2** - Adjustment represents a true-up of the balance to the general ledger.
- 3** - Transfer in from pre-prudence per results of 2020 prudence determination.