



250 SW Taylor Street
Portland, OR 97204

503-226-4211
nwnatural.com

September 1, 2022

NWN OPUC Advice No. 22-16A / UG 458
(UM 2192)

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 CERTAIN NON-GAS COST DEFERRED
ACCOUNTS RELATING TO: Transportation Security Administration Security
Directive 2 Start-Up O&M Costs**

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:

Sixth Revision of Sheet 180-1	Schedule 180	TSA Security Directive 2 Compliance Costs
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This filing replaces, in the entirety, the tariff sheet and Exhibit A originally filed under NWN OPUC Advice No. 22-16 (UG 458) dated July 29, 2022. The purpose of this replacement filing is to revise the customer usage forecast that acts as the billing determinates for this schedule.

Purpose

The purpose of this filing is to amortize deferred costs related to the Transportation Security Administration's ("TSA") security directive 2 start-up costs through proposed Schedule 180 – TSA Security Directive 2 Compliance Costs. These costs were incurred to comply with the security directive to (1) implement specific mitigation measures to protect against ransomware attacks and other related threats, (2) develop and implement a cybersecurity contingency and response plan, and (3) conduct a cybersecurity architecture design review. As an owner and operator of critical pipeline infrastructure, NW Natural is subject this TSA security directive.

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. The Company filed a deferral application on September 2, 2021, which was docketed as UM 2192. In docket UG 435, NW Natural requested amortization of a portion of this deferral associated with the cost of service of the capital expenditures associated with TSA security directive 2. The request in this filing to amortize relates to the operations and maintenance expense of the start-up costs, which were not

¹ Tariff P.U.C. Or. 25 originated November 1, 2012 with docket UG 221; Order No. 12-408 as supplemented by Order No. 12-437, and was filed in accordance with ORS 767.205 and OAR 860-022-0005.

known at the time of filing docket UG 435 but are known now. The Company respectfully requests approval to amortize the costs included in this filing.

Proposed Changes

The effect of the new temporary adjustment proposed in the filing is to increase the Company's annual revenues by \$2,144,047.

The monthly bill of the average residential customer served under Rate Schedule 2 using 54 therms will increase \$0.20. The monthly increase for the average industrial Rate Schedule 3 customer using about 1,540 therms is \$3.05, the average industrial Rate Schedule 31 firm sales customer using 6,689 therms will see a monthly increase of about \$7.75, and the average industrial Rate Schedule 32 firm sales customer using about 20,842 therms will see a monthly increase of about \$14.96.

In compliance with OAR 860-022-0025 the Company states that the number of customers affected by the proposed change in this filing is 631,884 residential customers, 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 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 Manager

Attachment: Exhibit A – Supporting Materials

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Sixth Revision of Sheet 180-1
Cancels Fifth Revision of Sheet 180-1

SCHEDULE 180 TSA Security Directive 2 Compliance Costs

(N)

PURPOSE:

To recover costs associated with NW Natural's compliance with the TSA Security Directive 2. These costs were directed to help NW Natural mitigate cyber security threats due to the Company owning and operating critical pipeline infrastructure.

APPLICABLE:

To all Sales and Transportation Service Customers on the Rate Schedules of this Tariff listed below:

Rate Schedule 2	Rate Schedule 27	Rate Schedule 32
Rate Schedule 3	Rate Schedule 31	Rate Schedule 33

GENERAL:

This Schedule is governed by the terms of this Schedule, the General Rules and Regulations contained in this Tariff, 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.

APPLICATION TO RATE SCHEDULES: **Effective: November 1, 2022**

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

Schedule	Block	TSA	Schedule	Block	TSA
2		\$0.00358	32 ITF	Block 1	\$0.00073
3 CSF		\$0.00261		Block 2	\$0.00062
3 ISF		\$0.00198		Block 3	\$0.00044
27		\$0.00289		Block 4	\$0.00026
31 CSF	Block 1	\$0.00186		Block 5	\$0.00015
	Block 2	\$0.00170		Block 6	\$0.00007
31 CTF	Block 1	\$0.00190	32 CSI	Block 1	\$0.00070
	Block 2	\$0.00173		Block 2	\$0.00059
31 ISF	Block 1	\$0.00125		Block 3	\$0.00041
	Block 2	\$0.00112		Block 4	\$0.00023
31 ITF	Block 1	\$0.00145		Block 5	\$0.00012
	Block 2	\$0.00131		Block 6	\$0.00004
32 CSF	Block 1	\$0.00116	32 ISI	Block 1	\$0.00069
	Block 2	\$0.00098		Block 2	\$0.00058
	Block 3	\$0.00068		Block 3	\$0.00040
	Block 4	\$0.00038		Block 4	\$0.00022
	Block 5	\$0.00016		Block 5	\$0.00012
	Block 6	\$0.00006		Block 6	\$0.00004
32 ISF	Block 1	\$0.00078	32 CTI	Block 1	\$0.00072
	Block 2	\$0.00066		Block 2	\$0.00061
	Block 3	\$0.00045		Block 3	\$0.00043
	Block 4	\$0.00025		Block 4	\$0.00025
	Block 5	\$0.00011		Block 5	\$0.00014
	Block 6	\$0.00004		Block 6	\$0.00007
32 CTF	Block 1	\$0.00090	32 ITI	Block 1	\$0.00065
	Block 2	\$0.00076		Block 2	\$0.00055
	Block 3	\$0.00054		Block 3	\$0.00039
	Block 4	\$0.00032		Block 4	\$0.00023
	Block 5	\$0.00018		Block 5	\$0.00013
	Block 6	\$0.00009		Block 6	\$0.00006
			33 (all)		\$0.00000

(N)

Issued September 1, 2022
NWN OPUC Advice No. 22-16A

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
Transportation Security Administration Security Directive 2
Start-Up O&M Costs

UM 2192

NWN OPUC Advice No. 22-16A / UG 458

September 1, 2022

NW NATURAL

EXHIBIT A

Supporting Materials

Non-Gas Cost Deferral Amortizations
Transportation Security Administration Security Directive 2
Start-Up O&M Costs

NWN OPUC ADVICE NO. 22-16A / UG 458

Description	Page
Calculation of Increments Allocated on Equal Cent per Margin Basis	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
186061 Defer TSA Security Directive 2	6

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	A	B	C	D	E	F = E * A	G	H	I	Proposed Amount: Revenue Sensitive Multiplier: Amount to Amortize:	TSA Security Directive		
												Multiplier	Allocation to RS	Increment
												2,083,627	Temporary Increment	2.818% add revenue sensitive factor
												2,144,047	to all sales	
												V	W	X
2R		407,980,561	\$1.04637	\$0.42170	\$0.04668	\$0.57799	\$235,808,684	\$8.00	631,884	\$296,469,548		1.0	\$1,462,464	\$0.00358
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	\$446,867	\$0.00261
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	\$12,467	\$0.00198
27 Dry Out		810,211	\$0.87077	\$0.42170	\$0.05061	\$0.39846	\$322,837	\$8.00	1,576	\$474,133		1.0	\$2,339	\$0.00289
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	\$39,467	\$0.00186
	Block 2	10,565,491	\$0.60555	\$0.31601	\$0.05241	\$0.23713						1.0		\$0.00170
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	\$4,984	\$0.00190
	Block 2	1,545,847	\$0.21037	\$0.00000	\$0.00057	\$0.20980						1.0		\$0.00173
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	\$17,611	\$0.00125
	Block 2	10,516,948	\$0.56691	\$0.31601	\$0.07022	\$0.18068						1.0		\$0.00112
31I Firm Trans	Block 1	158,179	\$0.20208	\$0.00000	\$0.00069	\$0.20139	\$105,248	\$575.00	7	\$153,548		1.0	\$757	\$0.00145
	Block 2	403,212	\$0.18270	\$0.00000	\$0.00068	\$0.18202						1.0		\$0.00131
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	\$48,800	\$0.00116
	Block 2	9,314,339	\$0.49513	\$0.31601	\$0.07001	\$0.10911						1.0		\$0.00098
	Block 3	1,669,024	\$0.46168	\$0.31601	\$0.07002	\$0.07565						1.0		\$0.00068
	Block 4	449,802	\$0.42812	\$0.31601	\$0.07003	\$0.04208						1.0		\$0.00038
	Block 5	0	\$0.40359	\$0.31601	\$0.06962	\$0.01796						1.0		\$0.00016
	Block 6	0	\$0.39217	\$0.31601	\$0.06964	\$0.00652						1.0		\$0.00006
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	\$11,508	\$0.00078
	Block 2	7,019,347	\$0.48654	\$0.31601	\$0.07018	\$0.10035						1.0		\$0.00066
	Block 3	2,009,960	\$0.45562	\$0.31601	\$0.07019	\$0.06942						1.0		\$0.00045
	Block 4	452,461	\$0.42480	\$0.31601	\$0.07021	\$0.03858						1.0		\$0.00025
	Block 5	0	\$0.40295	\$0.31601	\$0.06988	\$0.01706						1.0		\$0.00011
	Block 6	0	\$0.39213	\$0.31601	\$0.06989	\$0.00623						1.0		\$0.00004
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	\$4,749	\$0.00090
	Block 2	2,162,687	\$0.10271	\$0.00000	\$0.00024	\$0.10247						1.0		\$0.00076
	Block 3	750,954	\$0.07256	\$0.00000	\$0.00020	\$0.07236						1.0		\$0.00054
	Block 4	1,043,887	\$0.04238	\$0.00000	\$0.00016	\$0.04222						1.0		\$0.00032
	Block 5	4,474	\$0.02424	\$0.00000	\$0.00015	\$0.02409						1.0		\$0.00018
	Block 6	0	\$0.01211	\$0.00000	\$0.00001	\$0.01210						1.0		\$0.00009
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	\$32,396	\$0.00073
	Block 2	16,747,498	\$0.10158	\$0.00000	\$0.00042	\$0.10116						1.0		\$0.00062
	Block 3	10,738,714	\$0.07180	\$0.00000	\$0.00038	\$0.07142						1.0		\$0.00044
	Block 4	21,608,366	\$0.04203	\$0.00000	\$0.00035	\$0.04168						1.0		\$0.00026
	Block 5	21,402,253	\$0.02413	\$0.00000	\$0.00034	\$0.02379						1.0		\$0.00015
	Block 6	6,366,501	\$0.01227	\$0.00000	\$0.00033	\$0.01194						1.0		\$0.00007
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	\$11,977	\$0.00070
	Block 2	7,774,070	\$0.48127	\$0.31601	\$0.06612	\$0.09914						1.0		\$0.00059
	Block 3	4,548,015	\$0.45072	\$0.31601	\$0.06609	\$0.06862						1.0		\$0.00041
	Block 4	6,629,796	\$0.42017	\$0.31601	\$0.06606	\$0.03810						1.0		\$0.00023
	Block 5	3,590,613	\$0.40182	\$0.31601	\$0.06603	\$0.01978						1.0		\$0.00012
	Block 6	0	\$0.38818	\$0.31601	\$0.06579	\$0.00638						1.0		\$0.00004
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	\$14,636	\$0.00069
	Block 2	8,286,879	\$0.48110	\$0.31601	\$0.06640	\$0.09869						1.0		\$0.00058
	Block 3	4,925,421	\$0.45068	\$0.31601	\$0.06636	\$0.06831						1.0		\$0.00040
	Block 4	12,504,521	\$0.42027	\$0.31601	\$0.06634	\$0.03792						1.0		\$0.00022
	Block 5	5,270,851	\$0.40201	\$0.31601	\$0.06632	\$0.01968						1.0		\$0.00012
	Block 6	0	\$0.38839	\$0.31601	\$0.06604	\$0.00634						1.0		\$0.00004
32C Interr Trans	Block 1	829,989	\$0.11540	\$0.00000	\$0.00018	\$0.11522	\$458,368	\$925.00	11	\$580,468		1.0	\$2,863	\$0.00072
	Block 2	1,633,924	\$0.09810	\$0.00000	\$0.00016	\$0.09794						1.0		\$0.00061
	Block 3	962,812	\$0.06928	\$0.00000	\$0.00013	\$0.06915						1.0		\$0.00043
	Block 4	3,077,817	\$0.04044	\$0.00000	\$0.00011	\$0.04033						1.0		\$0.00025
	Block 5	520,526	\$0.02315	\$0.00000	\$0.00009	\$0.02306						1.0		\$0.00014
	Block 6	0	\$0.01157	\$0.00000	\$0.00001	\$0.01156						1.0		\$0.00007
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	\$30,159	\$0.00065
	Block 2	12,319,513	\$0.09831	\$0.00000	\$0.00037	\$0.09794						1.0		\$0.00055
	Block 3	8,609,147	\$0.06948	\$0.00000	\$0.00033	\$0.06915						1.0		\$0.00039
	Block 4	19,262,609	\$0.04065	\$0.00000	\$0.00032	\$0.04033						1.0		\$0.00023
	Block 5	37,658,652	\$0.02335	\$0.00000	\$0.00029	\$0.02306						1.0		\$0.00013
	Block 6	97,066,948	\$0.01184	\$0.00000	\$0.00028	\$0.01156						1.0		\$0.00006
33		0	\$0.00585	\$0.00000	\$0.00011	\$0.00574	\$0	\$38,000.00	0	\$0		0.0	\$0	\$0.00000

69	TOTALS	1,036,879,625					\$ 351,072,759			\$ 434,639,396		\$ 434,639,396	\$ 2,144,044	
70	Sources for line 2 above:						\$ 34,965,994			\$ 47,107,131				
71	Inputs page													
72	Tariff Schedules													
73	Rate Adjustment Schedule													

74 Note: Allocation to rate schedules or blocks with zero volumes is calculated on an overall margin percentage change basis.
 75 * Since Billing Rates for all schedules above 31 do not include demand, column c for those schedules is WACOG only
 76 ¹Rate 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]
 ALL VOLUMES IN THERMS

Advice 22-16A
 See note [14]

		Oregon PGA Normalized	Normal Therms	Minimum	11/1/2021	11/1/2021	Proposed 11/1/2022	Proposed 11/1/2022	Proposed 11/1/2022	
		Volumes page, Column D	Therms in Block	Monthly Average use	Monthly Charge	Billing Rates	Current Average Bill F=D*(C*E)	TSA Rates AH	TSA Average Bill AI = D+(C * AH) AI	TSA % Bill Change AJ = (AI - F)/F AJ
Schedule	Block	A	B	C	D	E	F	AH	AI	AJ
2R		407,980,561	N/A	54	\$8.00	\$1,04637	\$64.50	\$1,04995	\$64.70	0.3%
3C Firm Sales		170,909,185	N/A	242	\$15.00	\$0,95180	\$245.34	\$0,95441	\$245.97	0.3%
3I Firm Sales		6,284,310	N/A	1,540	\$15.00	\$0,88434	\$1,376.88	\$0,88632	\$1,379.93	0.2%
27 Dry Out		810,211	N/A	43	\$8.00	\$0,87077	\$45.44	\$0,87366	\$45.57	0.3%
31C Firm Sales	Block 1	11,585,381	2,000	2,898	\$325.00	\$0,62830	\$2,125.37	\$0,63016	\$2,130.62	0.2%
	Block 2	10,565,491	all additional			\$0,60555		\$0,60725		
31C Firm Trans	Block 1	1,215,943	2,000	3,901	\$575.00	\$0,23009	\$1,435.08	\$0,23199	\$1,442.17	0.5%
	Block 2	1,545,847	all additional			\$0,21037		\$0,21210		
31I Firm Sales	Block 1	4,654,548	2,000	6,689	\$325.00	\$0,58665	\$4,156.55	\$0,58790	\$4,164.30	0.2%
	Block 2	10,516,948	all additional			\$0,56691		\$0,56803		
31I Firm Trans	Block 1	158,179	2,000	6,683	\$575.00	\$0,20208	\$1,834.75	\$0,20353	\$1,843.79	0.5%
	Block 2	403,212	all additional			\$0,18270		\$0,18401		
32C Firm Sales	Block 1	33,034,672	10,000	6,888	\$675.00	\$0,51525	\$4,224.02	\$0,51641	\$4,232.01	0.2%
	Block 2	9,314,339	20,000			\$0,49513		\$0,49611		
	Block 3	1,669,024	20,000			\$0,46168		\$0,46236		
	Block 4	449,802	100,000			\$0,42812		\$0,42850		
	Block 5	0	600,000			\$0,40359		\$0,40375		
	Block 6	0	all additional			\$0,39217		\$0,39223		
32I Firm Sales	Block 1	7,525,179	10,000	20,842	\$675.00	\$0,50505	\$11,000.65	\$0,50583	\$11,015.61	0.1%
	Block 2	7,019,347	20,000			\$0,48654		\$0,48720		
	Block 3	2,009,960	20,000			\$0,45562		\$0,45607		
	Block 4	452,461	100,000			\$0,42480		\$0,42505		
	Block 5	0	600,000			\$0,40295		\$0,40306		
	Block 6	0	all additional			\$0,39213		\$0,39217		
32C Firm Trans	Block 1	2,620,992	10,000	19,592	\$925.00	\$0,12085	\$3,118.76	\$0,12175	\$3,135.05	0.5%
	Block 2	2,162,687	20,000			\$0,10271		\$0,10347		
	Block 3	750,954	20,000			\$0,07256		\$0,07310		
	Block 4	1,043,887	100,000			\$0,04238		\$0,04270		
	Block 5	4,474	600,000			\$0,02424		\$0,02442		
	Block 6	0	all additional			\$0,01211		\$0,01220		
32I Firm Trans	Block 1	11,249,133	10,000	71,288	\$925.00	\$0,11947	\$6,482.07	\$0,12020	\$6,516.11	0.5%
	Block 2	16,747,498	20,000			\$0,10158		\$0,10220		
	Block 3	10,738,714	20,000			\$0,07180		\$0,07224		
	Block 4	21,608,366	100,000			\$0,04203		\$0,04229		
	Block 5	21,402,253	600,000			\$0,02413		\$0,02428		
	Block 6	6,366,501	all additional			\$0,01227		\$0,01234		
32C Interr Sales	Block 1	5,250,637	10,000	46,322	\$675.00	\$0,49959	\$22,652.82	\$0,50029	\$22,678.31	0.1%
	Block 2	7,774,070	20,000			\$0,48127		\$0,48186		
	Block 3	4,548,015	20,000			\$0,45072		\$0,45113		
	Block 4	6,628,796	100,000			\$0,42017		\$0,42040		
	Block 5	3,590,613	600,000			\$0,40182		\$0,40194		
	Block 6	0	all additional			\$0,38818		\$0,38822		
32I Interr Sales	Block 1	6,405,854	10,000	51,935	\$675.00	\$0,49934	\$25,117.21	\$0,50003	\$25,144.13	0.1%
	Block 2	8,286,879	20,000			\$0,48110		\$0,48168		
	Block 3	4,925,421	20,000			\$0,45068		\$0,45108		
	Block 4	12,504,521	100,000			\$0,42027		\$0,42049		
	Block 5	5,270,851	600,000			\$0,40201		\$0,40213		
	Block 6	0	all additional			\$0,38839		\$0,38843		
32C Interr Trans	Block 1	829,989	10,000	53,220	\$925.00	\$0,11540	\$5,556.74	\$0,11612	\$5,585.54	0.5%
	Block 2	1,633,924	20,000			\$0,09810		\$0,09871		
	Block 3	962,812	20,000			\$0,06928		\$0,06971		
	Block 4	3,077,817	100,000			\$0,04044		\$0,04069		
	Block 5	520,526	600,000			\$0,02315		\$0,02329		
	Block 6	0	all additional			\$0,01157		\$0,01164		
32I Interr Trans	Block 1	6,950,973	10,000	226,204	\$925.00	\$0,11561	\$11,281.52	\$0,11626	\$11,339.73	0.5%
	Block 2	12,319,513	20,000			\$0,09831		\$0,09886		
	Block 3	8,609,147	20,000			\$0,06948		\$0,06987		
	Block 4	19,262,609	100,000			\$0,04065		\$0,04088		
	Block 5	37,658,652	600,000			\$0,02335		\$0,02348		
	Block 6	97,066,948	all additional			\$0,01184		\$0,01190		
33		0	N/A	0	\$38,000	\$0,00585	\$38,000.00	\$0,00585	\$38,000.00	0.0%
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 458: TSA Security Directive 2 Start-up O&M

	Including Revenue Sensitive Amount
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Temporary Increments

Removal of Current Temporary Increments

Amortization of TSA Security Directive 2 Start-up O&M

0

Addition of Proposed Temporary Increments

Amortization of TSA Security Directive 2 Start-up O&M

2,144,047

TOTAL OF ALL COMPONENTS OF RATE CHANGES

2,144,047

2021 Oregon Earnings Test Normalized Total Revenues

\$707,222,790

Effect of this filing, as a percentage change (line 12 ÷ line 16)

0.30%

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
				<small>E = sum B thru D</small>	<small>1.82%</small>		<small>G = E + F2</small>		<small>Excl. Rev Sens</small>
35 186061 TSA SECURITY DIRECTIVE OM DEFERRAL	2,063,230	0	0	2,063,230					
36 Total	2,063,230	0	0	2,063,230	1.82%	20,397	2,083,627		2,083,627

Company: Northwest Natural Gas Company
 State: Oregon
 Description: TSA SEC DIR2 OM OR
 Account Number: 186061
 Other Info: Docket UM 2192
 Debit (Credit)

Month/Year	Note	Deferral	Transfers	Interest Rate	Interest (1)	Activity	Balance
1	Beginning Balance						
2	Sep-21	25,059.99		0.00%	0.00	25,059.99	25,059.99
3	Oct-21	180,429.10		0.00%	0.00	180,429.10	205,489.09
4	Nov-21 NEW	102,382.93		0.00%	0.00	102,382.93	307,872.02
5	Dec-21	632,536.65		0.00%	0.00	632,536.65	940,408.67
6	Jan-22	353,314.12		0.00%	0.00	353,314.12	1,293,722.79
7	Feb-22	157,106.80		0.00%	0.00	157,106.80	1,450,829.59
8	Mar-22	2,818.79		0.00%	0.00	2,818.79	1,453,648.38
9	Apr-22	1,069,412.85		0.00%	0.00	1,069,412.85	2,523,061.23
10	May-22	180,324.61		0.00%	0.00	180,324.61	2,703,385.84
11	Jun-22	(640,155.76)		0.00%	0.00	(640,155.76)	2,063,230.08
12	Jul-22			0.00%	0.00	0.00	2,063,230.08
13	Aug-22			0.00%	0.00	0.00	2,063,230.08
14	Sep-22			0.00%	0.00	0.00	2,063,230.08
15	Oct-22			0.00%	0.00	0.00	2,063,230.08

17 **NOTES**

18 **1** - No interest is applied to this activity.