EXHIBIT A

BEFORE THE WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

NW NATURAL SUPPORTING MATERIALS

Annual Purchased Gas Cost and

Deferred Gas Cost Amortization Adjustments

NWN WUTC Advice No. 22-07 / UG-____ September 14, 2022

NW NATURAL

EXHIBIT A

Supporting Materials

Annual Purchased Gas Cost and Deferred Gas Cost Amortization Adjustments

NWN WUTC ADVICE NO. 22-07 / UG-____

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NW Natural Rates & Regulatory Affairs 2022-2023 PGA Filing - Washington: September Filing Summary of TEMPORARY Increments

UG 200994 Rate Case REMOVE

2021-22 PGA REMOVE ADD ADD ADD

		Current Temporaries	PGA Current Temporaries	WACOG Deferral	Demand Deferral FIRM	Demand Deferral INTERR	Total Proposed PGA Temporaries	Net Effect of PGA Temps
		-	_	_	_	_	F = C+D+E	G = F-B
Schedule 1R	Block	0.11328	0.00041	0.12476	(0.00768)	0.00000	F 0.11708	0.11667
1K		0.11328	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
2R		0.07311	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
0 3 CFS		0.06553	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
1 3 IFS		0.00795	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
2 27		0.04711	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
3 41C Firm Sales	Block 1	0.05114	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
4	Block 2	0.04511	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
5 41C Interr Sales	Block 1	0.08848	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
6	Block 2	0.08233	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
7 41C Firm Trans	Block 1	0.00182	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
8	Block 2	0.00161	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
9 41I Firm Trans	Block 1	0.00277	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0	Block 2	0.00244	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1 41I Firm Sales	Block 1	0.00689	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
2	Block 2	0.00612	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
3 41I Interr Sales	Block 1	0.04458	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
4	Block 2	0.04366	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
5 42C Firm Sales	Block 1	0.02702	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
6	Block 2	0.02422	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
7	Block 3	0.01865	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
8	Block 4	0.01501	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
9	Block 5	0.01015	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
0	Block 6	0.00405	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
1 42I Firm Sales	Block 1	0.00406	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
2	Block 2	0.00368	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
3	Block 3	0.00292	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
4	Block 4	0.00241	0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
5	Block 5	0.00175	0.00041 0.00041	0.12476	(0.00768)	0.00000	0.11708	0.11667
6	Block 6	0.00092		0.12476	(0.00768)	0.00000	0.11708	0.11667
7 42C Firm Trans	Block 1 Block 2	0.00049	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5 9	Block 2	0.00043	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0	Block 4	0.00034	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1	Block 5	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2	Block 6	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3 42I Firm Trans	Block 1	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4	Block 2	0.00053	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5	Block 3	0.00041	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
6	Block 4	0.00033	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7	Block 5	0.00022	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
8	Block 6	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
9 42C Interr Sales		0.05757	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
0	Block 2	0.05538	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
1	Block 3	0.05103	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
2	Block 4	0.04817	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
3	Block 5	0.04436	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
4	Block 6	0.03960	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
5 42I Interr Sales	Block 1	0.04187	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
6	Block 2	0.04133	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
7	Block 3	0.04026	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
8	Block 4	0.03956	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
9	Block 5	0.03862	0.03674	0.12476	0.00000	(0.00833)	0.11643	0.07969
0	Block 6 Block 1	0.03745	0.03674	0.12476	0.00000	0.00833)	0.11643	0.07969
1 42C Inter Trans 2	Block 1 Block 2	0.00099	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3						0.00000	0.00000	0.00000
4	Block 3 Block 4	0.00068 0.00055	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5	Block 5	0.00033	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5 6	Block 6	0.00037	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
7 42I Inter Trans	Block 1	0.00014	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
8	Block 2	0.00075	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
9	Block 3	0.00050	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0	Block 4	0.00030	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1	Block 5	0.00027	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2	Block 6	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3 43 Firm Trans		0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4 43 Interr Trans		0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
5 Intentionally blan	ık		-					
6								
7 Sources:								
8 Direct Inputs		21-22 PGA+RC	21-22 PGA+RC					
9								
Equal ¢ per therr	n			Column H	Column K	Column N		
1 Equal % of margi								
2 Tariff Schedules: 3 Schedule #				Sched 201	Sched 201	Sched 201	N/A	N/A

NW Natural
Rates & Regulatory Affairs
2022-2023 PGA Filing - Washington: September Filing
Calculation of increments Allocated on the EQUAL CENT PER THERM BASIS

1		Washington	[V	VACOG Deferral		Dem	nand Deferral - FI	RM	Demand [Deferral - INTERR	UPTIBLE
2			Proposed Amount:		Temporary Incre			Temporary Incre			Temporary Incre	
3			Revenue Sensitive Multiplier Amount to Amortize:		add revenue sen			add revenue sen	sitive factor		add revenue sens	
5	_	Column F	Amount to Amortize:	Multiplier	to all sales sched Volumes	Increment	(670,567) Multiplier	to all firm sales Volumes	Increment	(9,728) Multiplier	to all Interruptible Volumes	Increment
6 Schedule	Block	Α		В	C	D	E	F	G	Н	I	J
7 1R		271,947		1.0	271,947	\$0.12476	1.0	271,947	(\$0.00768)	0.0	0	\$0.00000
8 1C		26,596		1.0	26,596	\$0.12476	1.0	26,596	(\$0.00768)	0.0	0	\$0.00000
9 2R		59,339,066		1.0	59,339,066	\$0.12476	1.0	59,339,066	(\$0.00768)	0.0	0	\$0.00000
10 3 CFS 11 3 JFS		18,510,467 468,493		1.0	18,510,467 468,493	\$0.12476 \$0.12476	1.0	18,510,467 468,493	(\$0.00768) (\$0.00768)	0.0	0	\$0.00000
12 27		220,539		1.0	220,539	\$0.12476	1.0	220,539	(\$0.00768)	0.0	0	\$0.00000
13 41C Firm Sales	Block 1	1,710,731		1.0	1,710,731	\$0.12476	1.0	1,710,731	(\$0.00768)	0.0	0	\$0.00000
	Block 2	2,037,786		1.0	2,037,786	\$0.12476	1.0	2,037,786	(\$0.00768)	0.0	0	\$0.00000
	Block 1	0		1.0	0	\$0.12476	0.0	0	\$0.00000	1.0	0	(\$0.00833)
	Block 2 Block 1	163,493		1.0 0.0	0	\$0.12476 \$0.00000	0.0	0	\$0.00000 \$0.00000	0.0	0	(\$0.00833) \$0.00000
	Block 2	280,928		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
19 41I Firm Trans	Block 1	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 2	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 1	1,054		1.0	1,054	\$0.12476	1.0	1,054	(\$0.00768)	0.0	0	\$0.00000
	Block 2 Block 1	0		1.0	0	\$0.12476 \$0.12476	0.0	0	(\$0.00768) \$0.00000	1.0	0	\$0.00000
	Block 2	0		1.0	0	\$0.12476	0.0	0	\$0.00000	1.0	0	(\$0.00833)
	Block 1	672,392		1.0	672,392	\$0.12476	1.0	672,392	(\$0.00768)	0.0	0	\$0.00000
	Block 2	721,398		1.0	721,398	\$0.12476	1.0	721,398	(\$0.00768)	0.0	0	\$0.00000
	Block 3	191,980		1.0	191,980	\$0.12476	1.0	191,980	(\$0.00768)	0.0	0	\$0.00000
	Block 4 Block 5	8,502 0		1.0 1.0	8,502 0	\$0.12476 \$0.12476	1.0 1.0	8,502 0	(\$0.00768) (\$0.00768)	0.0 0.0	0	\$0.00000 \$0.00000
	Block 6	0		1.0	0	\$0.12476	1.0	0	(\$0.00768)	0.0	0	\$0.00000
	Block 1	1,685,063		1.0	1,685,063	\$0.12476	1.0	1,685,063	(\$0.00768)	0.0	0	\$0.00000
32	Block 2	1,177,850		1.0	1,177,850	\$0.12476	1.0	1,177,850	(\$0.00768)	0.0	0	\$0.00000
	Block 3	242,671		1.0	242,671	\$0.12476	1.0	242,671	(\$0.00768)	0.0	0	\$0.00000
	Block 4	15,978 0		1.0	15,978 0	\$0.12476	1.0	15,978 0	(\$0.00768)	0.0 0.0	0	\$0.00000
	Block 5 Block 6	0		1.0 1.0	0	\$0.12476 \$0.12476	1.0 1.0		(\$0.00768) (\$0.00768)	0.0	0	\$0.00000 \$0.00000
	Block 1	240,000		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 2	480,000		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 3	463,625		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 4	605,238		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 5 Block 6	0		0.0 0.0	0	\$0.00000 \$0.00000	0.0 0.0	0	\$0.00000 \$0.00000	0.0 0.0	0	\$0.00000 \$0.00000
	Block 1	831.868		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 2	1,048,771		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 3	923,544		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 4	2,446,349		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 5	1,386,714		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 6 Block 1	235,603		0.0 1.0	235,603	\$0.00000 \$0.12476	0.0	0	\$0.00000 \$0.00000	1.0	235,603	\$0.00000 (\$0.00833)
	Block 2	440.807		1.0	440,807	\$0.12476	0.0	0	\$0.00000	1.0	440,807	(\$0.00833)
51	Block 3	191,593		1.0	191,593	\$0.12476	0.0	0	\$0.00000	1.0	191,593	(\$0.00833)
	Block 4	63,452		1.0	63,452	\$0.12476	0.0	0	\$0.00000	1.0	63,452	(\$0.00833)
	Block 5	0		1.0	0	\$0.12476	0.0	0	\$0.00000	1.0	0	(\$0.00833)
	Block 6 Block 1	138.034		1.0	138.034	\$0.12476 \$0.12476	0.0	0	\$0.00000 \$0.00000	1.0	138.034	(\$0.00833) (\$0.00833)
	Block 2	98,885		1.0	98,885	\$0.12476	0.0	0	\$0.00000	1.0	98,885	(\$0.00833)
	Block 3	0		1.0	0	\$0.12476	0.0	0	\$0.00000	1.0	0	(\$0.00833)
	Block 4	0		1.0	0	\$0.12476	0.0	0	\$0.00000	1.0	0	(\$0.00833)
	Block 5	0		1.0	0	\$0.12476	0.0	0	\$0.00000	1.0	0	(\$0.00833)
	Block 6 Block 1	0		0.0	0	\$0.12476 \$0.00000	0.0	0	\$0.00000 \$0.00000	0.0	0	(\$0.00833) \$0.00000
	Block 2	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 3	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
64	Block 4	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 5	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 6	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 1 Block 2	762,322 1,416,561		0.0 0.0	0	\$0.00000 \$0.00000	0.0 0.0	0	\$0.00000 \$0.00000	0.0 0.0	0	\$0.00000 \$0.00000
	Block 3	1,416,561		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
70	Block 4	3,080,777		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
71	Block 5	1,407,909		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
	Block 6	0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
67 43 Firm Trans 68 43 Interr Trans		0		0.0	0	\$0.00000	0.0	0	\$0.00000	0.0	0	\$0.00000
69 Intentionally blank		0		U.U	U	\$U.UUUU	0.0	U	\$U.UUUU	0.0	0	\$0.00000
70												
71 Totals 72		105,191,103			88,470,888	\$0.12476		87,302,514	(\$0.00768)		1,168,374	(\$0.00833)
73 Sources for line 2 a	bove:											
74 Inputs page				Line 31			Line 33			Line 35		
75 Tariff Schedules: 76 Schedule #	_			Sched 201			Sched 201			Sched 201		
o scredule #	_			acrieu zu1			acneu zu1			acrieu zu1		

NW Natural
Rates & Regulatory Affairs
2022-2023 PGA Filling - Washington: September Filing
PGA Effects on Average Bill by Rate Schedule
Calculation of Effect on Customer Average Bill by Rate Schedule [1]

2			Washington PGA Normalized Volumes page,	Therms in	Normal Therms Monthly	Minimum Monthly	Current 11/1/2021 Billing	11/1/2021 Current	Proposed 11/1/2022 PGA Effects	Proposed 11/1/2022 PGA Effects	Proposed 11/1/2022 PGA Effects
4			Column D	Block	Average use	Charge	Rates	Average Bill	Rates	Average Bill	% Bill Change
5.	Schedule	Block	А	В	с	D	E	F=D+(C * E)	v	X=D+(C*V) X	v
7	1R	DIOCK	271,947	N/A	16.0	\$5.50	\$1.34747	\$27.06	\$1.56520	\$30.54	12.99
8	1C		26,596	N/A	58.0	\$7.00	\$1.36829	\$86.36	\$1.58602	\$98.99	14.69
9	2R		59,339,066	N/A	57.0	\$8.00	\$1.05147	\$67.93	\$1.26920	\$80.34	18.39
10	3 CFS		18,510,467	N/A	242.0	\$22.00	\$1.02282	\$269.52	\$1.24055	\$322.21	19.59
11 12	3 IFS		468,493 220,539	N/A N/A	2,297.0	\$22.00	\$0.97858	\$2,269.80 \$46.11	\$1.19631	\$2,769.92 \$56.34	22.09
13	41C Firm Sales	Block 1	1,710,731	2,000	3,550.0	\$250.00	\$0.79066	\$40.11	\$1.00730	220.34	22.27
14		Block 2	2,037,786	all additional	-,	*	\$0.73819		\$0.97585		
15		TOTAL						\$2,975.51		\$3,819.21	28.49
16	41C Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$0.81381		\$1.01449		
17		Block 2	0	all additional			\$0.76287		\$0.96355		
17 18	41C Firm Trans	TOTAL Block 1	163,493	2.000	4,629.0	\$500.00	\$0.37100	\$250.00	\$0.37100	\$250.00	0.09
19	41C FIIIII ITAIIS	Block 2	280,928	all additional	4,629.0	\$500.00	\$0.37100		\$0.37100		
20		TOTAL	200,320	un udultionui			JU.J2000	\$2,101.37	70.52000	\$2,101.37	0.09
21	41I Firm Trans	Block 1	0	2,000	0.0	\$500.00	\$0.36337		\$0.36337		
22		Block 2	0	all additional			\$0.32015		\$0.32015		
23		TOTAL						\$500.00		\$500.00	0.09
21	41I Firm Sales	Block 1 Block 2	1,054	2,000	4.0	\$250.00	\$0.71891		\$0.95657		
22 23		TOTAL	0	all additional			\$0.67496	\$252.88	\$0.91262	\$253.83	0.49
24	41I Interr Sales	Block 1	0	2.000	0.0	\$250.00	\$0.74958	3232.88	\$0.95026	3233.03	0.47
25		Block 2	0	all additional		*	\$0.70628		\$0.90696		
26		TOTAL						\$250.00		\$250.00	0.09
27	42C Firm Sales	Block 1	672,392	10,000	18,979.0	\$1,300.00	\$0.56289		\$0.80055		
28		Block 2	721,398	20,000			\$0.54046		\$0.77812		
29 30		Block 3 Block 4	191,980 8,502	20,000 100,000			\$0.49586 \$0.46651		\$0.73352 \$0.70417		
31		Block 5	8,502	600,000			\$0.42739		\$0.66505		
32		Block 6	0	all additional			\$0.37846		\$0.61612		
33		TOTAL						\$11,781.69		\$16,292.24	38.39
34	421 Firm Sales	Block 1	1,685,063	10,000	26,013.0	\$1,300.00	\$0.51347		\$0.75113		
35		Block 2	1,177,850	20,000			\$0.49624		\$0.73390		
36 37		Block 3 Block 4	242,671	20,000			\$0.46194		\$0.69960 \$0.67704		
38		Block 5	15,978 0	100,000 600,000			\$0.43938 \$0.40932		\$0.64698		
39		Block 6	0	all additional			\$0.37170		\$0.60936		
40		TOTAL	Ü	un udultional			Ç0.37170	\$14,380.99	20.00330	\$20,563.24	43.09
41	42C Firm Trans	Block 1	240,000	10,000	74,536.0	\$1,550.00	\$0.14961		\$0.14961		
42		Block 2	480,000	20,000			\$0.13392		\$0.13392		
43		Block 3	463,625	20,000			\$0.10270		\$0.10270		
44		Block 4	605,238	100,000			\$0.08217		\$0.08217		
45 46		Block 5 Block 6	0	600,000 all additional			\$0.05479 \$0.02054		\$0.05479		
47		TOTAL	0	all additional			\$0.02054	\$9,794.62	\$0.02054	\$9,794.62	0.09
48	421 Firm Trans	Block 1	831,868	10,000	69,138.0	\$1,550.00	\$0.14867	40,101.02	\$0.14867	40,10	
49		Block 2	1,048,771	20,000			\$0.13307		\$0.13307		
50		Block 3	923,544	20,000			\$0.10205		\$0.10205		
51		Block 4	2,446,349	100,000			\$0.08165		\$0.08165		
52 53		Block 5 Block 6	1,386,714	600,000			\$0.05443		\$0.05443 \$0.02041		
54		TOTAL	0	all additional			\$0.02041	\$9,301.72	\$0.02041	\$9,301.72	0.09
55	42C Interr Sales	Block 1	235,603	10,000	25,874.0	\$1,300.00	\$0.56372	33,301.72	\$0.76440	33,301.72	0.07
56		Block 2	440,807	20,000	.,	. ,	\$0.54503		\$0.74571		
57		Block 3	191,593	20,000			\$0.50781		\$0.70849		
58		Block 4	63,452	100,000			\$0.48334		\$0.68402		
59		Block 5	0	600,000			\$0.45073		\$0.65141		
60 61		Block 6 TOTAL	0	all additional			\$0.40995	\$1E E90 01	\$0.61063	620 701 40	33.39
62	42I Interr Sales	Block 1	138,034	10,000	19,743.0	\$1,300.00	\$0.54885	\$15,589.01	\$0.74953	\$20,781.40	33.39
63	→Z1 IIICETT SaleS	Block 2	98,885	20,000	19,743.0	31,300.00	\$0.54885		\$0.74953		
64		Block 3	0	20,000			\$0.49762		\$0.69830		
65		Block 4	0	100,000			\$0.47520		\$0.67588		
66		Block 5	0	600,000			\$0.44528		\$0.64596		
67		Block 6	0	all additional			\$0.40790		\$0.60858		
68 .	4261-1-7-	TOTAL		40.0		44.550.55	40 4006 -	\$11,969.05	40 4205	\$15,931.07	33.19
69 70	42C Inter Trans	Block 1 Block 2	0	10,000 20.000	0.0	\$1,550.00	\$0.13990 \$0.12524		\$0.13990 \$0.12524		
71		Block 2 Block 3	0	20,000			\$0.12524		\$0.12524		
72		Block 4	0	100,000			\$0.07684		\$0.07684		
73		Block 5	0	600,000			\$0.05124		\$0.05124		
74		Block 6	0	all additional			\$0.01920		\$0.01920		
75 .		TOTAL						\$1,550.00		\$1,550.00	0.09
76	42I Inter Trans	Block 1	762,322	10,000	0.0	\$1,550.00	\$0.14206		\$0.14206		
77 78		Block 2	1,416,561	20,000			\$0.12716		\$0.12716		
78 79		Block 3 Block 4	1,182,116 3,080,777	20,000 100,000			\$0.09751 \$0.07802		\$0.09751 \$0.07802		
79 80		Block 4 Block 5	1,407,909	600,000			\$0.07802		\$0.07802		
81		Block 6	1,407,909	all additional			\$0.03202		\$0.03202		
82		TOTAL	· ·				,	\$1,550.00	,	\$1,550.00	0.05
	43 Firm Trans		0	N/A	0.0	\$38,000.00	\$0.00495	\$38,000.00	\$0.00495	\$38,000.00	0.09
76			0	N/A			\$0.00495	\$38,000.00		\$38,000.00	

NW Natural Rates & Regulatory Affairs 2022-2023 PGA Filing - Washington: September Filing Summary of Deferred Accounts

	Account	Balance 8/31/2022	Sep-Oct Estimated Activity	Sep-Oct Interest	Estimated Balance 10/31/2022	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	F	G	Н	I
					E = sum B thru D	3.60%	G = E + F		
1					•		Excl. Rev Sens		
18	Gas Cost Deferrals and Amortizations								
19	191420 WACOG - ACCRUAL WA	10,812,498	0	64,972	10,877,471				
20	191421 AMORT OF WACOG - WA	(72,827)	(449,754)	(1,558)	(524,139)				
21	_	10,739,672	(449,754)	63,414	10,353,331	202,999	10,556,330		10,556,330
22						•			
23	191430 DEMAND ACCRUAL - WA	19,128	0	115	19,243				
24	191431 AMORT OF DEMAND WA	388,755	440,870	3,433	833,058				
25	254302 MARGIN SHARING - WA	(1,490,443)	0	0	(1,490,443)				
26	-	(1,082,560)	440,870	3,548	(638,143)	(12,512)	(650,655)		(650,655)

State: Washington

Description: Washington WACOG Deferral

Account Number: 191420

Program under Schedule P

Temp Increment under Schedule 203

Debit (Credit)

2	
3	

1

4	Month/Year	Note	Accumulation	Transfers	Interest Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
6								
190	Nov-21	1	356,574.92	(4,163,525.51)	3.25%	4,303.65	(3,802,646.94)	1,771,631.20
191	Dec-21		1,043,088.50		3.25%	6,210.68	1,049,299.18	2,820,930.38
192	Jan-22		1,007,957.86		3.25%	9,004.96	1,016,962.82	3,837,893.20
193	Feb-22		794,853.75		3.25%	11,470.66	806,324.41	4,644,217.61
194	Mar-22		456,616.13		3.25%	13,196.42	469,812.55	5,114,030.16
195	Apr-22		1,212,367.10		3.25%	15,492.25	1,227,859.35	6,341,889.52
196	May-22		1,813,218.77		3.25%	19,631.35	1,832,850.12	8,174,739.64
197	Jun-22		1,073,287.40		3.25%	23,593.33	1,096,880.73	9,271,620.37
198	Jul-22		717,219.34		3.60%	28,890.69	746,110.03	10,017,730.40
199	Aug-22		763,569.40		3.60%	31,198.55	794,767.95	10,812,498.34
200	Sep-22				3.60%	32,437.50	32,437.50	10,844,935.84
201	Oct-22				3.60%	32,534.81	32,534.81	10,877,470.65

History truncated for ease of viewing

205 Notes

202

203 204

206 **1** - Transferred authorized balance to account 191421 for amortization.

State: Washington

Description: Washington Amortization of WACOG

Account Number: 191421

Program under Schedule P

Temp Increment under Schedule 203

Debit (Credit)

2

216217218

220

4	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
204	Nov-21 n	ew (1)	(146,582.63)	4,163,525.51	3.25%	11,077.72	4,028,020.60	3,981,500.94
205	Dec-21		(592,612.25)		3.25%	9,980.74	(582,631.51)	3,398,869.43
206	Jan-22		(869,864.25)		3.25%	8,027.33	(861,836.92)	2,537,032.51
207	Feb-22		(699,081.06)		3.25%	5,924.46	(693,156.60)	1,843,875.91
208	Mar-22		(594,672.44)		3.25%	4,188.54	(590,483.90)	1,253,392.01
209	Apr-22		(443,478.62)		3.25%	2,794.06	(440,684.56)	812,707.45
210	May-22		(385,978.38)		3.25%	1,678.40	(384,299.98)	428,407.47
211	Jun-22		(234,117.17)		3.25%	843.24	(233,273.93)	195,133.54
212	Jul-22		(153,033.25)		3.60%	355.85	(152,677.40)	42,456.14
213	Aug-22		(115,237.39)		3.60%	(45.49)	(115,282.88)	(72,826.74)
214	Sep-22 fc	orecast	(148,522.78)		3.60%	(441.26)	(148,964.04)	(221,790.78)
215	Oct-22 fd	orecast	(301,231.46)		3.60%	(1,117.22)	(302,348.68)	(524,139.46)

219 History truncated for ease of viewing

221 **Notes**

222 **1** - Transfer in amounts from account 191420 approved for amortization.

State: Washington

Description: Washington Demand Accrual

Account Number: 191430

Program under Schedule P

Temp Increment under Schedule 203

Debit (Credit)

2	
3	

1

4	Month/Year	Note	Accumulation	Transfers	Interest Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
6								
7	Beginning Balance							
190	Nov-21	1	(128,604.43)	(304,778.70)	3.25%	1,140.38	(432,242.75)	357,902.51
191	Dec-21		(678,688.70)		3.25%	50.26	(678,638.44)	(320,735.93)
192	Jan-22		(637,677.36)		3.25%	(1,732.18)	(639,409.54)	(960,145.47)
193	Feb-22		(438,762.10)		3.25%	(3,194.55)	(441,956.65)	(1,402,102.12)
194	Mar-22		(130,502.48)		3.25%	(3,974.08)	(134,476.56)	(1,536,578.68)
195	Apr-22		(116,061.29)		3.25%	(4,318.73)	(120,380.02)	(1,656,958.70)
196	May-22		207,744.60		3.25%	(4,206.28)	203,538.32	(1,453,420.38)
197	Jun-22		424,476.19		3.25%	(3,361.54)	421,114.65	(1,032,305.73)
198	Jul-22		523,042.79		3.60%	(2,312.35)	520,730.44	(511,575.28)
199	Aug-22		531,440.50		3.60%	(737.57)	530,702.93	19,127.65
200	Sep-22				3.60%	57.38	57.38	19,185.03
201	Oct-22				3.60%	57.56	57.56	19,242.59

203 History truncated for ease of viewing

205 **Notes**

202

204

206 **1** - Transferred authorized balance to account 191431 for amortization.

State: Washington

Description: Washington Amortization of Demand

Account Number: 191431

Program under Schedule P

Temp Increment under Schedule 203

Debit (Credit)

2	
3	

1

_								
4	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
6								
204	Nov-21 n	ew (1)	142,121.34	304,778.70	3.25%	1,017.90	447,917.94	24,440.27
205	Dec-21		583,676.60		3.25%	856.59	584,533.19	608,973.46
206	Jan-22 (2)	858,624.97	(3,646,485.72)	3.25%	(7,063.87)	(2,794,924.62)	(2,185,951.16)
207	Feb-22		690,078.95		3.25%	(4,985.80)	685,093.15	(1,500,858.01)
208	Mar-22		586,374.29		3.25%	(3,270.78)	583,103.51	(917,754.50)
209	Apr-22		436,442.04		3.25%	(1,894.57)	434,547.47	(483,207.03)
210	May-22		379,874.57		3.25%	(794.27)	379,080.30	(104,126.73)
211	Jun-22		229,722.92		3.25%	29.07	229,751.99	125,625.26
212	Jul-22		149,496.10		3.60%	601.12	150,097.22	275,722.48
213	Aug-22		112,037.06		3.60%	995.22	113,032.28	388,754.76
214	Sep-22 f	orecast	<i>145,088.17</i>		3.60%	1,383.90	146,472.07	535,226.83
215	Oct-22 f	orecast	<i>295,781.47</i>		3.60%	2,049.35	297,830.82	833,057.65

History truncated for ease of viewing

219 **Notes**

216

217218

- 220 **1** Transfer in amounts from account 191430 approved for amortization.
- 221 **2** Transfer in from account 254302 (storage and optimization revenue sharing).

State: Washington

Description: Washington Storage Sharing

Account Number: 254302

Temp Increment under Schedule 220

1 Debit (Credit)

3		
3		
	2	
	5	

_						
4	Month/Year	Note	Accumulation	Transfers	Activity	Balance
5	(a)	(b)	(c)	(d)	(e)	(f)
6						
189	Nov-21		(113,168.27)		(113,168.27)	(3,511,539.58)
190	Dec-21		(134,945.14)		(134,945.14)	(3,646,485.72)
191	Jan-22	1	(11,722.76)	3,646,485.72	3,634,762.96	(11,722.76)
192	Feb-22		(49,990.81)		(49,990.81)	(61,713.57)
193	Mar-22		(139,455.28)		(139,455.28)	(201,168.85)
194	Apr-22		(132,335.95)		(132,335.95)	(333,504.80)
195	May-22		(160,287.86)		(160,287.86)	(493,792.66)
196	Jun-22		(208,071.18)		(208,071.18)	(701,863.84)
197	Jul-22		(356,421.55)		(356,421.55)	(1,058,285.39)
198	Aug-22		(432,157.49)		(432,157.49)	(1,490,442.88)
199	Sep-22				0.00	(1,490,442.88)
200	Oct-22				0.00	(1,490,442.88)

201 History truncated for ease of viewing

203 **Notes**

202

204 **1** - Transfer December balance to account 191431 for amortization.

NW Natural 2022-2023 PGA - SYSTEM: September Filing Summary of Total Commodity Cost ALL VOLUMES IN THERMS

WAS	HINGTON COSTS	7												
1	(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)
2		November	December	January	February	March	April	May	June	July	August	September	October	TOTAL
3		1	2	3	4	5	6	7	8	9	10	11	12	
4	COSTS													
5	Commodity Cost from Supply	\$ 4,188,052	\$4,639,195	\$4,991,274	\$4,337,096	\$3,641,572	\$2,832,105	\$1,719,003	\$1,261,491	\$1,133,546	\$959,031	\$1,191,902	\$2,434,071	\$33,328,337
6	tab commodity cost from supply, column cd, lines 93-104 plus g	gen input line 80; and												
7	tab commodity cost from gas reserve, column q, lines 59-70													
8	Volumetric Pipeline Chgs	\$10,420	\$12,080	\$12,752	\$10,265	\$10,367	\$8,154	\$5,156	\$3,745	\$3,094	\$2,700	\$3,117	\$6,600	\$88,450
9	tab commodity cost from vol pipe, column e, line 78-89													
10	Commodity Cost from Storage	\$336,843	\$1,598,113	\$1,774,503	\$1,458,731	\$974,114	\$186,876	\$0	\$0	\$0	\$0	\$0	\$0	\$6,329,180
11	tab Commodity Cost from Storage, column k, line 61-72													
14	Commodity Cost from RNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	tab Commodity Cost from RNG, column i, line 61-72													
18	Total Commodity Cost	\$4,535,315	\$6,249,388	\$6,778,529	\$5,806,092	\$4,626,053	\$3,027,135	\$1,724,159	\$1,265,236	\$1,136,640	\$961,731	\$1,195,019	\$2,440,671	\$39,745,967
19														
20	VOLUMES													
21	Commodity Volumes at Receipt Points	9,459,278	10,829,390	11,256,795	9,377,850	8,831,386	7,280,191	4,691,829	3,430,227	2,929,967	2,517,839	2,869,142	5,911,116	79,385,013
22	Pipeline Fuel Use	241,178	255,393	266,343	225,413	225,053	184,473	113,758	81,149	67,557	56,998	67,143	149,402	1,933,861
23	Gas Arriving at City Gate	9,218,099	10,573,997	10,990,453	9,152,437	8,606,334	7,095,718	4,578,071	3,349,078	2,862,411	2,460,842	2,801,999	5,761,714	77,451,152
24														
25	RNG and Storage Gas Withdrawals	623,383	2,947,071	3,231,265	2,762,160	1,719,369	347,103	-	-	-	-	-	-	11,630,351
26	Pipeline Fuel Use for Off-site Storage	0	0	3,220	0	6,159	0	0	0	0	0	0	0	9,379
27	Storage Gas Deliveries at City Gate	623,383	2,947,071	3,228,045	2,762,160	1,713,210	347,103	0	0	0	0	0	0	11,620,972
28														
29	Total Gas At City Gate (Storage and Commodity)	9,841,482	13,521,068	14,218,498	11,914,597	10,319,544	7,442,822	4,578,071	3,349,078	2,862,411	2,460,842	2,801,999	5,761,714	89,072,124
30														
31	Unaccounted for Gas	71,558	82,084	85,317	71,048	66,809	55,083	35,539	25,998	22,220	19,103	21,751	44,727	601,237
32														
33	Load Served	9,769,924	13,438,984	14,133,181	11,843,548	10,252,735	7,387,739	4,542,532	3,323,080	2,840,191	2,441,739	2,780,248	5,716,987	88,470,888

NW Natural 2022-2023 PGA - SYSTEM: September Filing Summary of Total Commodity Cost ALL VOLUMES IN THERMS

WAC	OG Calculations													
38	Total Load Served													
39	Washington	9,769,924	13,438,984	14,133,181	11,843,548	10,252,735	7,387,739	4,542,532	3,323,080	2,840,191	2,441,739	2,780,248	5,716,987	88,470,888
40	Total (same as line 25 +/- rounding)	9,769,924	13,438,984	14,133,181	11,843,548	10,252,735	7,387,739	4,542,532	3,323,080	2,840,191	2,441,739	2,780,248	5,716,987	88,470,888
41														
42	Washington WACOG Calculation													
43														
44	Total Washington commodity cost	\$4,535,315	\$6,249,388	\$6,778,529	\$5,806,092	\$4,626,053	\$3,027,135	\$1,724,159	\$1,265,236	\$1,136,640	\$961,731	\$1,195,019	\$2,440,671	\$39,745,967
45	Total commodity cost for Washington	\$4,535,315	\$6,249,388	\$6,778,529	\$5,806,092	\$4,626,053	\$3,027,135	\$1,724,159	\$1,265,236	\$1,136,640	\$961,731	\$1,195,019	\$2,440,671	\$39,745,967
46														
47	Washington Sales WACOG (line 45 ÷ line 39)	\$0.46421	\$0.46502	\$0.47962	\$0.49023	\$0.45120	\$0.40975	\$0.37956	\$0.38074	\$0.40020	\$0.39387	\$0.42982	\$0.42692	\$0.44925
48														
49	WASHINGTON BILLING WACOG	\$0.48536	\$0.48620	\$0.50147	\$0.51256	\$0.47175	\$0.42842	\$0.39685	\$0.39808	\$0.41843	\$0.41181	\$0.44940	\$0.44637	\$0.46972

NW Natural

2022-2023 PGA - SYSTEM: September Filing

Summary of Total Demand Charges

Source: Detail in file "Capacity Contract Monthly Summary for 2022-2023 PGA.xls"

SYSTEM COSTS

1	(a) (b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)	(o)
2		November	December	January	February	March	April	May	June	July	August	September	October	TOTAL
3		30	31	31	28	31	30	31	30	31	31	30	31	365
4	Transport charges by transporter (Washington):													
5														
6	Northwest Pipeline	4,228,445	4,369,393	(11,810,552)	3,784,017	4,189,448	3,963,619	4,095,740	3,963,619	4,095,740	4,095,740	3,963,619	4,095,740	\$33,034,568
7														
8	Alberta: NOVA	522,571	522,571	522,571	522,571	522,571	522,571	522,571	522,571	522,571	522,571	522,571	522,571	6,270,852
9														
10	Alberta: Foothills	235,258	235,258	235,258	235,258	235,258	198,689	198,689	198,689	198,689	198,689	198,689	235,258	2,603,682
11														
12	Alberta: GTN	404,283	417,759	417,759	377,330	417,759	340,228	351,569	340,228	351,569	351,569	340,228	417,759	4,528,038
13														
14	BC: Southern Crossing													0
15														
16	BC: Spectra (Westcoast)	1,699,368	1,720,356	1,720,356	1,657,393	1,720,356	1,699,368	1,720,356	1,699,368	1,720,356	1,720,356	1,699,368	1,720,356	20,497,357
17	WP PL - II	40.500	40.000	40.500	40.000	40.500	40.500	40.500	40.500	40.500	40.500	40.500	40.000	224.252
18	KB Pipeline	18,688	18,688	18,688	18,688	18,688	18,688	18,688	18,688	18,688	18,688	18,688	18,688	224,258
19	Chall Canada Balance Banada	(240.254)	(225 520)	(225 520)	(202 704)	(225 520)	(240.254)	(225 520)	(240.254)	(225 520)	(225 520)	(240.254)	(225 520)	(2.655.422)
20	Shell Capacity Release Premium	(218,254)	(225,529)	(225,529)	(203,704)	(225,529)	(218,254)	(225,529)	(218,254)	(225,529)	(225,529)	(218,254)	(225,529)	(2,655,422)
21	Total Contant Descend	¢C 000 3E0	Ć7.0E0.40C	/¢0.121.440\	ĆC 204 FF4	¢c 070 FF1	¢C F24 000	¢c co2 oo4	¢¢ 524 000	¢c coa oo4	¢c co2 oo4	ĆC 524 000	¢C 704 042	¢64 502 222
22	Total System Demand	\$6,890,358	\$7,058,496	(\$9,121,449)	\$6,391,554	\$6,878,551	\$6,524,909	\$6,682,084	\$6,524,909	\$6,682,084	\$6,682,084	\$6,524,909	\$6,784,843	\$64,503,333

NW Natural
2022-2023 PGA - SYSTEM: September Filing
Derivation of Washington per therm Non-Commodity Charges
ALL VOLUMES IN THERMS

Washington Derivation of Demand Increments

1			Without	WITH
2			Revenue Sensitive	Revenue Sensitive
3	(a)	(b)	(c)	(d)
4	System Demand	· · · · · · · · · · · · · · · · · · ·	\$64,503,333	、
5	Washington Allocation Factor 1/		11.31%	
6	Washington Demand		\$7,295,327	
7	· ·		. , ,	
8	Washington Firm Sales Forecaste	d Normal Volumes	87,302,514	
9	Washington Interruptible Sales Fo	orecasted Normal Volumes	1,168,374	
10				
11				
12	Proposed Firm Demand Per Theri	m 2/	\$0.08317	\$0.08696
13	Proposed Interruptible Demand 2	2/	\$0.02906	\$0.03038
14	Proposed MDDV Demand Charge		\$1.24	\$1.30
15				
16	Current Firm Demand Per Therm		\$0.10245	\$0.10689
17	Current Interruptible Demand		\$0.03579	\$0.03734
18	Current MDDV Demand Charge		\$1.53	\$1.60
19				
20	Percent Change in Firm Demand		-18.82%	
21				
22				
23	1/Allocation Factor: 2021-22 PGA	forecast firm sales volumes:		
24		<u>Washington</u>	<u>Oregon</u>	<u>System</u>
25	Firm Sales	87,302,514	684,781,418	772,083,931
26		11.31%	88.69%	100.00%
27				
28	2/Calculation of Proposed Demar	nd Rates:		
29				
30	Demand change factor		0.812	
31				
32	Firm Demand (line 16 * line 30)		\$0.08317	\$7,261,379
33	Interruptible Demand (line 17 * li	ne 30)	\$0.02906	\$33,948
34				\$7,295,327
35				\$0

NW Natural

2022-2023 PGA - SYSTEM: September Filing

Calculation of Winter WACOG

Prices are per therm

1	Forecast price for AECO ga	is:		
2				
3		AECO/NIT	<u></u>	
4				
5	November	\$0.49862		
6	December	\$0.53559		
7	January	\$0.54387		
8	February	\$0.54032		
9	March	\$0.46862		
10	April	\$0.38261		
11	May	\$0.36660		
12	June	\$0.35949		
13	July	\$0.35444		
14	August	\$0.35081		
15	September	\$0.35274		
16	October	\$0.36588		
17				
18				
19	Average price, November-	March	\$0.51740	average lines 5-9
20				
21	Annual average price, Nov	ember-October	\$0.42663	average lines 5-16
22				
23	Ratio of winter to annual		1.21276	line 19 ÷ line 21
24				
25			Without Rev	WITH Rev
26			<u>Sensitive</u>	<u>Sensitive</u>
WA	Washington Annual WACC)G	\$0.44925	\$0.46972
WA	Washington Winter WACC)G	\$0.54483	\$0.56965
			line 23 * \$0.4492	5

NW Natural

Rates & Regulatory Affairs
2022-23 PGA - Washington: September Filing
Tariff Advice 22-07: PGA Effects on Revenue

1		<u>Amount</u>	<u>Reference</u>
2	Purchased Gas Cost Adjustment (PGA)		
3			
4	Gas Cost Change	\$10,639,473	NWN PGA gas cost development file September filing_WA.xls
5	Canadity Coat Chause	(1.476.222)	
6 7	Capacity Cost Change	(1,476,323)	NWN PGA gas cost development file September filing_WA.xls
8	Total PGA Change	9,163,150	
9		3/103/100	
10	Temporary Rate Adjustments		
11			
12	Proposed PGA Temporary Increments	10,356,915	NWN 2021-22 Washington PGA rate development file.xls
13	D 1 CD01 0 1 T 1	(04.272)	
14	Removal of PGA Current Temporary Increments	(81,273)	NWN 2020-21 Washington PGA rate development file.xls
15 16	Total Net Temporary Rate Adjustment	10,275,642	
17	Total Net Temporary Nate Aujustinent	10,273,042	
18			
19	TOTAL OF ALL COMPONENTS OF ALL RATE CHANGES	\$19,438,792	
20			
21			
22			
23	2021 Washington CBR Normalized Total Revenues	\$83,232,693	
24		/	
25	Effect of this filing, as a percentage change	23.35%	

Billing Update

New rates begin in November

To true-up differences between estimated and actual natural gas costs, NW Natural filed an annual Purchased Gas Adjustment with the Washington Utilities and Transportation Commission (WUTC) on Sept. 14, 2022.

Rates will be further impacted by a separate NW Natural general rate case filed with the WUTC last year. If approved, customers will see new rates on monthly bills starting as early as Nov. 1:

Rates for residential customers in Washington will be about \$11.75 more a month for customers using an average of 57 therms per month.

Rates for small-commercial customers in Washington will be about \$50.14 more a month for customers using an average of 242 therms per month.

This year's PGA comes at a time of increases in the wholesale cost of natural gas due to inflationary pressures, global disruption and overall fluctuations in the energy market. Changes also include other year-to-year adjustments and costs approved by regulators.

Reason for new rates

The combined effects of the following four filings for the PGA contribute to rate changes for Washington customers:

- 1. Purchased Gas Adjustment. A \$12.41 increase on the average monthly residential bill, and a \$52.69 increase on the average small-commercial bill. The filing trues up the differences between the estimated and actual cost of natural gas, and it establishes the customer costs for natural gas from Nov. 1, 2022–Oct. 31, 2023.
- 2. Energy-Efficiency Programs. A \$1.07 decrease on the average monthly residential bill, and a \$4.12 decrease on the average monthly small-commercial bill for energy efficiency programs that support cost effective natural gas conservation.
- 3. Low-Income Assistance. A \$0.02 decrease on the average monthly residential bill, and a \$0.10 decrease on the average monthly small-commercial bill for programs that help low-income residential customers make energy improvements and stay warm.
- 4. Other year-to-year adjustments and costs pending approval by regulators. A \$0.43 increase on the average monthly residential bill, and a \$1.67 increase for small commercial.

NW Natural's filings are requests, subject to public review and a decision by the WUTC. Customers may comment on the proposed rate changes by clicking "Submit a Comment" at www.utc.wa.gov, emailing comments@utc.wa.gov, calling 1-888-333-9882 (WUTC), or mailing Washington Utilities and Transportation Commission, PO Box 47250, Olympia, WA 98504-7250. Customers can also request more information, review the filing, and find out about open meetings

For more information, visit the Rates and Regulations section of nwnatural.com, send a letter to NW Natural Rates and Regulatory, 250 SW Taylor St., Portland, OR 97204, call 800-422-4012, or email from nwnatural.com/ContactUs/Email.