

EXHIBIT A

BEFORE THE
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION

NW NATURAL SUPPORTING MATERIALS

REQUEST FOR AMORTIZATION ASSOCIATED WITH
RESIDENTIAL RATE MITIGATION

NWN WUTC Advice No. 23-09

September 15, 2023

NW NATURAL

EXHIBIT A

Supporting Materials

REQUEST FOR AMORTIZATION ASSOCIATED WITH RESIDENTIAL RATE MITIGATION

NWN WUTC ADVICE NO. 23-09

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NW Natural
Rates & Regulatory Affairs
2023-2024 PGA Filing - Washington: September Filing
Calculation of Increments Allocated on the EQUAL CENT PER THERM BASIS

1	Washington			Residential Rate Mitigation		
2	PGA		Proposed Amount:	651,697	Temporary Increment	
3	Volumes page,		Revenue Sensitive Multiplier:	4.357% add revenue sensitive factor		
4	Column F		Amount to Amortize:	681,384	Residential Only	
5				Multiplier	Volumes	Increment
6	Schedule	Block	A	K	L	M
7	1R		318,916	0.0	0	\$0.00000
8	1C		22,569	0.0	0	\$0.00000
9	2R		60,471,175	1.0	60,471,175	\$0.01127
10	3 CFS		19,986,400	0.0	0	\$0.00000
11	3 IFS		277,642	0.0	0	\$0.00000
12	27		80,870	0.0	0	\$0.00000
13	41C Firm Sales	Block 1	1,570,103	0.0	0	\$0.00000
14		Block 2	2,126,827	0.0	0	\$0.00000
15	41I Firm Sales	Block 1	405,389	0.0	0	\$0.00000
16		Block 2	803,153	0.0	0	\$0.00000
17	41C Interr Sales	Block 1	0	0.0	0	\$0.00000
18		Block 2	0	0.0	0	\$0.00000
19	41I Interr Sales	Block 1	0	0.0	0	\$0.00000
20		Block 2	0	0.0	0	\$0.00000
21	41C Firm Trans	Block 1	148,853	0.0	0	\$0.00000
22		Block 2	298,848	0.0	0	\$0.00000
23	41I Firm Trans	Block 1	0	0.0	0	\$0.00000
24		Block 2	0	0.0	0	\$0.00000
25	42C Firm Sales	Block 1	701,175	0.0	0	\$0.00000
26		Block 2	698,884	0.0	0	\$0.00000
27		Block 3	213,654	0.0	0	\$0.00000
28		Block 4	43,634	0.0	0	\$0.00000
29		Block 5	0	0.0	0	\$0.00000
30		Block 6	0	0.0	0	\$0.00000
31	42I Firm Sales	Block 1	1,266,148	0.0	0	\$0.00000
32		Block 2	871,827	0.0	0	\$0.00000
33		Block 3	146,523	0.0	0	\$0.00000
34		Block 4	10,867	0.0	0	\$0.00000
35		Block 5	0	0.0	0	\$0.00000
36		Block 6	0	0.0	0	\$0.00000
37	42C Firm Trans	Block 1	217,853	0.0	0	\$0.00000
38		Block 2	435,705	0.0	0	\$0.00000
39		Block 3	435,705	0.0	0	\$0.00000
40		Block 4	665,436	0.0	0	\$0.00000
41		Block 5	0	0.0	0	\$0.00000
42		Block 6	0	0.0	0	\$0.00000
43	42I Firm Trans	Block 1	840,318	0.0	0	\$0.00000
44		Block 2	1,062,417	0.0	0	\$0.00000
45		Block 3	936,547	0.0	0	\$0.00000
46		Block 4	2,527,103	0.0	0	\$0.00000
47		Block 5	1,239,686	0.0	0	\$0.00000
48		Block 6	0	0.0	0	\$0.00000
49	42C Interr Sales	Block 1	226,932	0.0	0	\$0.00000
50		Block 2	425,616	0.0	0	\$0.00000
51		Block 3	194,048	0.0	0	\$0.00000
52		Block 4	93,667	0.0	0	\$0.00000
53		Block 5	0	0.0	0	\$0.00000
54		Block 6	0	0.0	0	\$0.00000
55	42I Interr Sales	Block 1	128,853	0.0	0	\$0.00000
56		Block 2	91,079	0.0	0	\$0.00000
57		Block 3	0	0.0	0	\$0.00000
58		Block 4	0	0.0	0	\$0.00000
59		Block 5	0	0.0	0	\$0.00000
60		Block 6	0	0.0	0	\$0.00000
61	42C Inter Trans	Block 1	0	0.0	0	\$0.00000
62		Block 2	0	0.0	0	\$0.00000
63		Block 3	0	0.0	0	\$0.00000
64		Block 4	0	0.0	0	\$0.00000
65		Block 5	0	0.0	0	\$0.00000
66		Block 6	0	0.0	0	\$0.00000
67	42I Inter Trans	Block 1	830,413	0.0	0	\$0.00000
68		Block 2	1,522,701	0.0	0	\$0.00000
69		Block 3	1,166,628	0.0	0	\$0.00000
70		Block 4	2,984,749	0.0	0	\$0.00000
71		Block 5	1,303,638	0.0	0	\$0.00000
72		Block 6	0	0.0	0	\$0.00000
73	43 Firm Trans		0	0.0	0	\$0.00000
74	43 Interr Trans		0	0.0	0	\$0.00000
75	Intentionally blank					
76						
77	Totals		107,792,550		60,471,175	0.01127
78			0			
79	Sources for line 2 above:					
80	Inputs page			Line 34		
81	Tariff Schedules:					
82	Schedule #			Schedule 212		

NW Natural
Rates & Regulatory Affairs
2023-2024 PGA Filing - Washington: September Filing
PGA Effects on Average Bill by Rate Schedule
Calculation of Effect on Customer Average Bill by Rate Schedule [1]

1		Normal		Current		Proposed	Proposed	Proposed
2		Therms	Minimum	11/1/2022	11/1/2022	11/1/2023	11/1/2023	11/1/2023
3		Monthly	Monthly	Billing	Current		Res Rate Mitigation	
4		Average use	Charge	Rates	Average Bill[2]	Rates	Average Bill	% Bill Change
5					F=D+(C * E)		N = D+(C*M)	
6	Schedule	C	D	E	F	M	N	O
7	1R	16.0	\$5.50	\$1.59190	\$30.97	\$1.59190	\$30.97	0.0%
8	1C	51.0	\$7.00	\$1.60601	\$88.91	\$1.60601	\$88.91	0.0%
9	2R	58.0	\$8.00	\$1.41591	\$90.12	\$1.29143	\$82.90	-8.0%
10	3 CFS	249.0	\$22.00	\$1.25038	\$333.34	\$1.25038	\$333.34	0.0%
11	3 IFS	1,218.0	\$22.00	\$1.22899	\$1,518.91	\$1.22899	\$1,518.91	0.0%
12	27	23.0	\$9.00	\$1.02062	\$32.47	\$1.02062	\$32.47	0.0%
13	41C Firm Sales	3,712.0	\$250.00	\$1.03667		\$1.03667		
14				\$0.98320		\$0.98320		
15					\$4,006.58		\$4,006.58	0.0%
16	41I Firm Sales	4,578.0	\$250.00	\$0.96687		\$0.96687		
17				\$0.92170		\$0.92170		
18					\$4,559.88		\$4,559.88	0.0%
19	41C Interr Sales	0.0	\$250.00	\$1.01490		\$1.01490		
20				\$0.96393		\$0.96393		
21					\$250.00		\$250.00	0.0%
22	41I Interr Sales	0.0	\$250.00	\$0.95740		\$0.95740		
23				\$0.91323		\$0.91323		
24					\$250.00		\$250.00	0.0%
25	41C Firm Trans	4,664.0	\$500.00	\$0.38083		\$0.38083		
26				\$0.33552		\$0.33552		
27					\$2,155.49		\$2,155.49	0.0%
28	41I Firm Trans	0.0	\$500.00	\$0.37098		\$0.37098		
29				\$0.32687		\$0.32687		
30					\$500.00		\$500.00	0.0%
31	42C Firm Sales	17,264.0	\$1,300.00	\$0.80750		\$0.80750		
32				\$0.78434		\$0.78434		
33				\$0.73831		\$0.73831		
34				\$0.70801		\$0.70801		
35				\$0.66761		\$0.66761		
36				\$0.61709		\$0.61709		
37					\$15,072.45		\$15,072.45	0.0%
38	42I Firm Sales	19,128.0	\$1,300.00	\$0.75461		\$0.75461		
39				\$0.73700		\$0.73700		
40				\$0.70198		\$0.70198		
41				\$0.67895		\$0.67895		
42				\$0.64824		\$0.64824		
43				\$0.60982		\$0.60982		
44					\$15,573.44		\$15,573.44	0.0%
45	42C Firm Trans	73,112.0	\$1,550.00	\$0.15376		\$0.15376		
46				\$0.13764		\$0.13764		
47				\$0.10553		\$0.10553		
48				\$0.08445		\$0.08445		
49				\$0.05629		\$0.05629		
50				\$0.02111		\$0.02111		
51					\$9,902.81		\$9,902.81	0.0%
52	42I Firm Trans	68,813.0	\$1,550.00	\$0.15086		\$0.15086		
53				\$0.13503		\$0.13503		
54				\$0.10354		\$0.10354		
55				\$0.08283		\$0.08283		
56				\$0.05523		\$0.05523		
57				\$0.02071		\$0.02071		
58					\$9,388.28		\$9,388.28	0.0%
59	42C Interr Sales	39,178.0	\$1,300.00	\$0.76839		\$0.76839		
60				\$0.74928		\$0.74928		
61				\$0.71125		\$0.71125		
62				\$0.68621		\$0.68621		
63				\$0.65288		\$0.65288		
64				\$0.61118		\$0.61118		
65					\$30,497.35		\$30,497.35	0.0%
66	42I Interr Sales	18,328.0	\$1,300.00	\$0.75105		\$0.75105		
67				\$0.73376		\$0.73376		
68				\$0.69936		\$0.69936		
69				\$0.67671		\$0.67671		
70				\$0.64652		\$0.64652		
71				\$0.60879		\$0.60879		
72					\$14,921.25		\$14,921.25	0.0%
73	42C Inter Trans	0.0	\$1,550.00	\$0.14295		\$0.14295		
74				\$0.12797		\$0.12797		
75				\$0.09813		\$0.09813		
76				\$0.07851		\$0.07851		
77				\$0.05235		\$0.05235		
78				\$0.01961		\$0.01961		
79					\$1,550.00		\$1,550.00	0.0%
80	42I Inter Trans	0.0	\$1,550.00	\$0.14372		\$0.14372		
81				\$0.12865		\$0.12865		
82				\$0.09865		\$0.09865		
83				\$0.07894		\$0.07894		
84				\$0.05263		\$0.05263		
85				\$0.01973		\$0.01973		
86					\$1,550.00		\$1,550.00	0.0%
87	43 Firm Trans	0.0	\$38,000.00	\$0.00578	\$38,000.00	\$0.00578	\$38,000.00	0.0%
88	43 Interr Trans	0.0	\$38,000.00	\$0.00521	\$38,000.00	\$0.00521	\$38,000.00	0.0%
89	Intentionally blank							
90	[1] Rate Schedule 41 and 42 customers may choose demand charges at a							
91	volumetric rate or based on MDDV. For convenience of presentation, demand							
92	[2] Residential current bill as of April 1, 2023							
93	[3] Proposed rates include the effect of removing the current Schedule 215							
94	adjustment and applying the proposed Schedule 215 adjustment. The rate							
95	shown is for illustrative purposes only and assumes no other changes to rates							
96	Sources:							
97	Direct Inputs		per Tariff					
98								
99	Rates in summary			Column A				

Account	Balance 8/31/2023	Sep-Oct Estimated Activity	Sep-Oct Interest	Estimated Balance 10/31/2023	Estimated Interest During Amortization	Total	Amounts Excluded from PGA Filing	Amounts Included in PGA Filing
						Estimated Amount for (Refund) or Collection		
A	B	C	D	E	F	G	H	I
				E = sum B thru D	8.02%	G = E + F		
						Excl. Rev Sens		
151914 AMORT WA RATE MITIGATION	1,308,408	(716,138)	9,270	601,540	5.43%			
	1,339,795	(716,138)	9,270	632,927	18,770	651,697		651,697

Company: Northwest Natural Gas Company
State: Washington
Description: WA RATE MITIGATION AMORTIZATION
Account Number: **151914**

Debit (Credit)

	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	Beginning Balance							0.00
26	Nov-22	NEW	0.00		4.400%	-	0.00	0.00
27	Dec-22		0.00		4.520%	-	0.00	0.00
28	Jan-23		0.00		4.660%	-	0.00	0.00
29	Feb-23		0.00		4.800%	-	0.00	0.00
30	Mar-23		0.00		4.770%	-	0.00	0.00
31	Apr-23		(198,502.59)	2,476,015.04	5.000%	9,903.18	2,287,415.63	2,287,415.63
32	May-23		(439,883.23)		5.180%	8,924.60	(430,958.63)	1,856,457.00
33	Jun-23		(232,159.65)		5.200%	7,541.63	(224,618.02)	1,631,838.98
34	Jul-23		(181,656.88)		5.270%	6,767.60	(174,889.28)	1,456,949.70
35	Aug-23		(154,784.38)		5.430%	6,242.50	(148,541.88)	1,308,407.82
36	Sep-23	forecasted	(215,598.31)		5.430%	5,432.75	(210,165.56)	1,098,242.26
37	Oct-23	forecasted	(500,539.71)		5.430%	3,837.08	(496,702.63)	601,539.63

NW Natural
Rates & Regulatory Affairs
2023-24 Washington: September Filing
Tariff Advice 23-09: Residential Rate Mitigation

	<u>Amount</u>
1	
2	
3	<u>Temporary Increments</u>
4	
5	<u>Removal of Current Temporary Increments</u>
6	Amortization of Rate Mitigation (2,488,461)
7	
8	<u>Addition of Proposed Temporary Increments</u>
9	Amortization of Rate Mitigation 681,384
10	
11	
12	TOTAL OF ALL COMPONENTS OF RATE CHANGES (<u><u>\$1,807,077</u></u>)
13	
14	
15	
16	2022 Washington CBR Normalized Total Revenues \$102,022,644
17	
18	Effect of this filing, as a percentage change -1.77%