

EXHIBIT A

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

NW NATURAL
SUPPORTING MATERIALS

Regulatory Fee

NWN WUTC Advice No. 23-08 / UG-_____

September 15, 2023

NW NATURAL

EXHIBIT A

Supporting Materials

Regulatory Fee

NWN WUTC ADVICE NO. 23-08 / UG-_____

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NW Natural
 Rates & Regulatory Affairs
 2023-2024 PGA Filing - Washington: September Filing
 Calculation of Increments Allocated on the EQUAL PERCENTAGE OF REVENUE BASIS

Schedule	Block	PGA Volumes page, Column D	Billing Rate from Rates page, Column A	Volumetric Revenues	Customer Charge	Customers	Total Revenues	Proposed Amount:		WA Regulatory Fee		
								Revenue Sensitive Multiplier:	Amount to Amortize:	221,265	Temporary Increments	4.357% add revenue sensitive factor
								J	K	L		
1R		318,916	\$1,59190	\$507,682	\$5.50	1,679	\$618,496	1.0	\$1,072	0.00336		
1C		22,569	\$1,60601	\$36,247	\$7.00	37	\$39,355	1.0	\$68	0.00301		
2R		60,471,175	\$1,41591	\$85,621,742	\$8.00	87,552	\$94,026,734	1.0	\$163,042	0.00270		
3 CFS		19,986,400	\$1,25038	\$24,990,595	\$22.00	6,684	\$26,755,171	1.0	\$46,393	0.00232		
3 IFS		277,642	\$1,22899	\$341,219	\$22.00	19	\$346,235	1.0	\$600	0.00216		
27		80,870	\$1,02062	\$82,537	\$9.00	295	\$114,397	1.0	\$198	0.00245		
41C Firm Sales	Block 1	1,570,103	\$1,03667	\$3,718,774	\$250.00	83	\$3,967,774	1.0	\$6,880	0.00192		
	Block 2	2,126,827	\$0,98320					1.0		0.00182		
41I Firm Sales	Block 1	405,389	\$0,96687	\$1,132,225	\$250.00	22	\$1,198,225	1.0	\$2,078	0.00177		
	Block 2	803,153	\$0,92170					1.0		0.00169		
41C Interr Sales	Block 1	0	\$1,01490	\$0	\$250.00	0	\$0	1.0	\$0	0.00000		
	Block 2	0	\$0,96393					1.0		0.00000		
41I Interr Sales	Block 1	0	\$0,95740	\$0	\$250.00	0	\$0	1.0	\$0	0.00000		
	Block 2	0	\$0,91323					1.0		0.00000		
41C Firm Trans	Block 1	148,853	\$0,38083	\$156,957	\$500.00	8	\$204,957	1.0	\$355	0.00086		
	Block 2	298,848	\$0,33552					1.0		0.00076		
41I Firm Trans	Block 1	0	\$0,37098	\$0	\$500.00	0	\$0	1.0	\$0	0.00000		
	Block 2	0	\$0,32687					1.0		0.00000		
42C Firm Sales	Block 1	701,175	\$0,80750	\$1,302,997	\$1,300.00	8	\$1,427,797	1.0	\$2,476	0.00153		
	Block 2	698,884	\$0,78434					1.0		0.00149		
	Block 3	213,654	\$0,73831					1.0		0.00140		
	Block 4	43,634	\$0,70801					1.0		0.00135		
	Block 5	0	\$0,66761					1.0		0.00127		
	Block 6	0	\$0,61709					1.0		0.00117		
42I Firm Sales	Block 1	1,266,148	\$0,75461	\$1,708,218	\$1,300.00	10	\$1,864,218	1.0	\$3,233	0.00143		
	Block 2	871,827	\$0,73700					1.0		0.00139		
	Block 3	146,523	\$0,70198					1.0		0.00133		
	Block 4	10,867	\$0,67895					1.0		0.00128		
	Block 5	0	\$0,64824					1.0		0.00123		
	Block 6	0	\$0,60982					1.0		0.00115		
42C Firm Trans	Block 1	217,853	\$0,15376	\$195,644	\$1,550.00	2	\$232,844	1.0	\$404	0.00032		
	Block 2	435,705	\$0,13764					1.0		0.00028		
	Block 3	435,705	\$0,10553					1.0		0.00022		
	Block 4	665,436	\$0,08445					1.0		0.00017		
	Block 5	0	\$0,05629					1.0		0.00012		
	Block 6	0	\$0,02111					1.0		0.00004		
42I Firm Trans	Block 1	840,318	\$0,15086	\$644,986	\$1,550.00	8	\$793,786	1.0	\$1,376	0.00032		
	Block 2	1,062,417	\$0,13503					1.0		0.00029		
	Block 3	936,547	\$0,10354					1.0		0.00022		
	Block 4	2,527,103	\$0,08283					1.0		0.00018		
	Block 5	1,239,686	\$0,05523					1.0		0.00012		
	Block 6	0	\$0,02071					1.0		0.00004		
42C Interr Sales	Block 1	226,932	\$0,76839	\$695,570	\$1,300.00	2	\$726,770	1.0	\$1,260	0.00139		
	Block 2	425,616	\$0,74928					1.0		0.00136		
	Block 3	194,048	\$0,71125					1.0		0.00129		
	Block 4	93,667	\$0,68621					1.0		0.00124		
	Block 5	0	\$0,65288					1.0		0.00118		
	Block 6	0	\$0,61118					1.0		0.00111		
42I Interr Sales	Block 1	128,853	\$0,75105	\$163,605	\$1,300.00	1	\$179,205	1.0	\$311	0.00143		
	Block 2	91,079	\$0,73376					1.0		0.00139		
	Block 3	0	\$0,69936					1.0		0.00133		
	Block 4	0	\$0,67671					1.0		0.00129		
	Block 5	0	\$0,64652					1.0		0.00123		
	Block 6	0	\$0,60879					1.0		0.00116		
42C Inter Trans	Block 1	0	\$0,14295	\$0	\$1,550.00	0	\$0	1.0	\$0	0.00000		
	Block 2	0	\$0,12797					1.0		0.00000		
	Block 3	0	\$0,09813					1.0		0.00000		
	Block 4	0	\$0,07851					1.0		0.00000		
	Block 5	0	\$0,05235					1.0		0.00000		
	Block 6	0	\$0,01961					1.0		0.00000		
42I Inter Trans	Block 1	830,413	\$0,14372	\$734,557	\$1,550.00	10	\$920,557	1.0	\$1,596	0.00031		
	Block 2	1,522,701	\$0,12865					1.0		0.00028		
	Block 3	1,166,628	\$0,09865					1.0		0.00021		
	Block 4	2,984,749	\$0,07894					1.0		0.00017		
	Block 5	1,303,638	\$0,05263					1.0		0.00011		
	Block 6	0	\$0,01973					1.0		0.00004		
43 Firm Trans		0	\$0,00578	\$0	\$38,000.00	0	\$0	1.0	\$0	0.00000		
43 Interr Trans		0	\$0,00521	\$0	\$38,000.00	0	\$0	1.0	\$0	0.00000		
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Totals		107,792,550		\$122,033,555			\$133,416,521		\$133,416,521	\$231,342		

Sources for line 2 above:

Inputs page	Column G	Line 37
Tariff Schedules:		
Schedule #		Sched 232

Note: Allocation to rate schedules or blocks with zero volumes is calculated on an overall margin percentage change basis.

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]

		Washington PGA Normalized Volumes page, Column D	Therms in Block	Normal Therms Monthly Average use	Minimum Monthly Charge	Current 11/1/2022 Billing Rates	11/1/2022 Current Average Bill[2]	Proposed 11/1/2023 Rates [3]	Proposed 11/1/2023 Rates	Proposed 11/1/2023 WA Regulatory Fee Average Bill	Proposed 11/1/2023 % Bill Change
		A	B	C	D	E	F=D+(C * E)	G	P	Q = D+(C*P)	R
6	Schedule										
7	1R	318,916	N/A	16.0	\$5.50	\$1,59190	\$30.97	\$1,67009	\$1,59526	\$31.02	0.2%
8	1C	22,569	N/A	51.0	\$7.00	\$1,60601	\$88.91	\$1,67320	\$1,60902	\$89.06	0.2%
9	2R	60,471,175	N/A	58.0	\$8.00	\$1,41591	\$90.12	\$1,46295	\$1,41861	\$90.28	0.2%
10	3 CFS	19,986,400	N/A	249.0	\$22.00	\$1,25038	\$333.34	\$1,29228	\$1,25270	\$333.92	0.2%
11	3 IFS	277,642	N/A	1,218.0	\$22.00	\$1,22899	\$1,518.91	\$1,22899	\$1,23115	\$1,521.54	0.2%
12	27	80,870	N/A	23.0	\$9.00	\$1,02062	\$32.47	\$1,07804	\$1,02307	\$32.53	0.2%
13	41C Firm Sales	Block 1	1,570,103	2,000	3,712.0	\$250.00	\$1,03667	\$1,06963	\$1,03859		
14		Block 2	2,126,827	all additional		\$0.98320		\$1,01223	\$0.98502		
15		TOTAL					\$4,006.58			\$4,013.53	0.2%
16	41I Firm Sales	Block 1	405,389	2,000	4,578.0	\$250.00	\$0.96687	\$0.96687	\$0.96864		
17		Block 2	803,153	all additional		\$0.92170		\$0.92170	\$0.92339		
18		TOTAL					\$4,559.88			\$4,567.78	0.2%
19	41C Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$1,01490	\$1,04546	\$1,01490		
20		Block 2	0	all additional		\$0.96393		\$0.99084	\$0.96393		
21		TOTAL					\$250.00			\$250.00	0.0%
22	41I Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$0.95740	\$0.95740	\$0.95740		
23		Block 2	0	all additional		\$0.91323		\$0.91323	\$0.91323		
24		TOTAL					\$250.00			\$250.00	0.0%
25	41C Firm Trans	Block 1	148,853	2,000	4,664.0	\$500.00	\$0.38083	\$0.38083	\$0.38169		
26		Block 2	298,848	all additional		\$0.33552		\$0.33552	\$0.33628		
27		TOTAL					\$2,155.49			\$2,159.23	0.2%
28	41I Firm Trans	Block 1	0	2,000	0.0	\$500.00	\$0.37098	\$0.37098	\$0.37098		
29		Block 2	0	all additional		\$0.32687		\$0.32687	\$0.32687		
30		TOTAL					\$500.00			\$500.00	0.0%
31	42C Firm Sales	Block 1	701,175	10,000	17,264.0	\$1,300.00	\$0.80750	\$0.82922	\$0.80903		
32		Block 2	698,884	20,000			\$0.78434	\$0.80378	\$0.78583		
33		Block 3	213,654	20,000			\$0.73831	\$0.75322	\$0.73971		
34		Block 4	43,634	100,000			\$0.70801	\$0.71993	\$0.70936		
35		Block 5	0	600,000			\$0.66761	\$0.67555	\$0.66888		
36		Block 6	0	all additional			\$0.61709	\$0.62007	\$0.61826		
37		TOTAL					\$15,072.45			\$15,098.57	0.2%
38	42I Firm Sales	Block 1	1,266,148	10,000	19,128.0	\$1,300.00	\$0.75461	\$0.75461	\$0.75604		
39		Block 2	871,827	20,000			\$0.73700	\$0.73700	\$0.73839		
40		Block 3	146,523	20,000			\$0.70198	\$0.70198	\$0.70331		
41		Block 4	10,867	100,000			\$0.67895	\$0.67895	\$0.68023		
42		Block 5	0	600,000			\$0.64824	\$0.64824	\$0.64947		
43		Block 6	0	all additional			\$0.60982	\$0.60982	\$0.61097		
44		TOTAL					\$15,573.44			\$15,600.42	0.2%
45	42C Firm Trans	Block 1	217,853	10,000	73,112.0	\$1,550.00	\$0.15376	\$0.15376	\$0.15408		
46		Block 2	435,705	20,000			\$0.13764	\$0.13764	\$0.13792		
47		Block 3	435,705	20,000			\$0.10553	\$0.10553	\$0.10575		
48		Block 4	665,436	100,000			\$0.08445	\$0.08445	\$0.08462		
49		Block 5	0	600,000			\$0.05629	\$0.05629	\$0.05641		
50		Block 6	0	all additional			\$0.02111	\$0.02111	\$0.02115		
51		TOTAL					\$9,902.81			\$9,919.94	0.2%
52	42I Firm Trans	Block 1	840,318	10,000	68,813.0	\$1,550.00	\$0.15086	\$0.15086	\$0.15118		
53		Block 2	1,062,417	20,000			\$0.13503	\$0.13503	\$0.13532		
54		Block 3	936,547	20,000			\$0.10354	\$0.10354	\$0.10376		
55		Block 4	2,527,103	100,000			\$0.08283	\$0.08283	\$0.08301		
56		Block 5	1,239,686	600,000			\$0.05523	\$0.05523	\$0.05535		
57		Block 6	0	all additional			\$0.02071	\$0.02071	\$0.02075		
58		TOTAL					\$9,388.28			\$9,405.07	0.2%
59	42C Interr Sales	Block 1	226,932	10,000	39,178.0	\$1,300.00	\$0.76839	\$0.76427	\$0.76978		
60		Block 2	425,616	20,000			\$0.74928	\$0.74559	\$0.75064		
61		Block 3	194,048	20,000			\$0.71125	\$0.70841	\$0.71254		
62		Block 4	93,667	100,000			\$0.68621	\$0.68394	\$0.68745		
63		Block 5	0	600,000			\$0.65288	\$0.65137	\$0.65406		
64		Block 6	0	all additional			\$0.61118	\$0.61062	\$0.61229		
65		TOTAL					\$30,497.35			\$30,550.29	0.2%
66	42I Interr Sales	Block 1	128,853	10,000	18,328.0	\$1,300.00	\$0.75105	\$0.75105	\$0.75248		
67		Block 2	91,079	20,000			\$0.73376	\$0.73376	\$0.73515		
68		Block 3	0	20,000			\$0.69936	\$0.69936	\$0.70069		
69		Block 4	0	100,000			\$0.67671	\$0.67671	\$0.67800		
70		Block 5	0	600,000			\$0.64652	\$0.64652	\$0.64775		
71		Block 6	0	all additional			\$0.60879	\$0.60879	\$0.60995		
72		TOTAL					\$14,921.25			\$14,947.13	0.2%
73	42C Inter Trans	Block 1	0	10,000	0.0	\$1,550.00	\$0.14295	\$0.14295	\$0.14295		
74		Block 2	0	20,000			\$0.12797	\$0.12797	\$0.12797		
75		Block 3	0	20,000			\$0.09813	\$0.09813	\$0.09813		
76		Block 4	0	100,000			\$0.07851	\$0.07851	\$0.07851		
77		Block 5	0	600,000			\$0.05235	\$0.05235	\$0.05235		
78		Block 6	0	all additional			\$0.01961	\$0.01961	\$0.01961		
79		TOTAL					\$1,550.00			\$1,550.00	0.0%
80	42I Inter Trans	Block 1	830,413	10,000	0.0	\$1,550.00	\$0.14372	\$0.14372	\$0.14403		
81		Block 2	1,522,701	20,000			\$0.12865	\$0.12865	\$0.12893		
82		Block 3	1,166,628	20,000			\$0.09865	\$0.09865	\$0.09886		
83		Block 4	2,984,749	100,000			\$0.07894	\$0.07894	\$0.07911		
84		Block 5	1,303,638	600,000			\$0.05263	\$0.05263	\$0.05274		
85		Block 6	0	all additional			\$0.01973	\$0.01973	\$0.01977		
86		TOTAL					\$1,550.00			\$1,550.00	0.0%
87	43 Firm Trans	0	N/A	0.0	\$38,000.00	\$0.00578	\$38,000.00	\$0.00578	\$0.00578	\$38,000.00	0.0%
88	43 Interr Trans	0	N/A	0.0	\$38,000.00	\$0.00521	\$38,000.00	\$0.00521	\$0.00521	\$38,000.00	0.0%
89	Intentionally blank										

[1] Rate Schedule 41 and 42 customers may choose demand charges at a volumetric rate or based on MDDV. For convenience of presentation, demand charges are not included in the calculations for those schedules.

[2] Residential current bill as of April 1, 2023

[3] Proposed rates include the effect of removing the current Schedule 215 adjustment and applying the proposed Schedule 215 adjustment. The rate shown is for illustrative purposes only and assumes no other changes to rates occur November 1.

Sources:

Direct Inputs	per Tariff	per Tariff
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Rates in summary	Column A
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NW Natural
Rates & Regulatory Affairs
2023-2024 PGA Filing - Washington: September Filing
Summary of Deferred Accounts

	Account	Balance 8/31/2023	Sep-Oct Estimated Activity	Sep-Oct Interest	Estimated Balance 10/31/2023	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	F	G	H	I
					E = sum B thru D	8.02%	G = E + F		
1	151827 DEFER WUTC FEE	214,387	0	1,603	215,990	4.48%			
2	151xxx AMORT WUTC FEE	0	0	0	0				
3		214,387	0	1,603	215,990	5,275	221,265		221,265

