

EXHIBIT B

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

NW NATURAL
Combined Effects

Annual Purchased Gas Cost and
Deferred Gas Cost Amortization Adjustments

NWN WUTC Advice No. 23-13 / UG-_____

September 15, 2023

NW NATURAL

EXHIBIT B

Combined Effects

Annual Purchased Gas Cost and Deferred Gas Cost Amortization Adjustments

NWN WUTC ADVICE NO. 23-13 / UG-_____

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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 Total Rates	Proposed 11/1/2023 Total Average Bill	Proposed 11/1/2023 Total % Bill Change	
	A	B	C	D	E	F=D+(C * E)	AA=D+(C * Z)	AB=(AA - F)/F		
Schedule	Block					F	Z	AA	AB	
1R		318,916	N/A	16.0	\$5.50	\$1.59190	\$30.97	\$1.54480	\$30.22	-2.4%
1C		22,569	N/A	51.0	\$7.00	\$1.60601	\$88.91	\$1.54624	\$85.86	-3.4%
2R		60,471,175	N/A	58.0	\$8.00	\$1.41591	\$90.12	\$1.20798	\$78.06	-13.4%
3 CFS		19,986,400	N/A	249.0	\$22.00	\$1.25038	\$333.34	\$1.16060	\$310.99	-6.7%
3 IFS		277,642	N/A	1,218.0	\$22.00	\$1.22899	\$1,518.91	\$1.09757	\$1,358.84	-10.5%
27		80,870	N/A	23.0	\$9.00	\$1.02062	\$32.47	\$0.95166	\$30.89	-4.9%
41C Firm Sales	Block 1	1,570,103	2,000	3,712.0	\$250.00	\$1.03667		\$0.92158		
	Block 2	2,126,827	all additional			\$0.98320		\$0.86352		
	TOTAL						\$4,006.58	\$3,571.51		-10.9%
41I Firm Sales	Block 1	405,389	2,000	4,578.0	\$250.00	\$0.96687		\$0.81730		
	Block 2	803,153	all additional			\$0.92170		\$0.77172		
	TOTAL						\$4,559.88	\$3,874.09		-15.0%
41C Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$1.01490		\$0.88825		
	Block 2	0	all additional			\$0.96393		\$0.83443		
	TOTAL						\$250.00	\$250.00		0.0%
41I Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$0.95740		\$0.81358		
	Block 2	0	all additional			\$0.91323		\$0.76872		
	TOTAL						\$250.00	\$250.00		0.0%
41C Firm Trans	Block 1	148,853	2,000	4,664.0	\$500.00	\$0.38083		\$0.39029		
	Block 2	298,848	all additional			\$0.33552		\$0.34397		
	TOTAL						\$2,155.49	\$2,196.92		1.9%
41I Firm Trans	Block 1	0	2,000	0.0	\$500.00	\$0.37098		\$0.37845		
	Block 2	0	all additional			\$0.32687		\$0.33354		
	TOTAL						\$500.00	\$500.00		0.0%
42C Firm Sales	Block 1	701,175	10,000	17,264.0	\$1,300.00	\$0.80750		\$0.68216		
	Block 2	698,884	20,000			\$0.78434		\$0.65605		
	Block 3	213,654	20,000			\$0.73831		\$0.60411		
	Block 4	43,634	100,000			\$0.70801		\$0.56990		
	Block 5	0	600,000			\$0.66761		\$0.52433		
	Block 6	0	all additional			\$0.61709		\$0.46734		
	TOTAL						\$15,072.45	\$12,887.15		-14.5%
42I Firm Sales	Block 1	1,266,148	10,000	19,128.0	\$1,300.00	\$0.75461		\$0.60792		
	Block 2	871,827	20,000			\$0.73700		\$0.58966		
	Block 3	146,523	20,000			\$0.70198		\$0.55337		
	Block 4	10,867	100,000			\$0.67895		\$0.52949		
	Block 5	0	600,000			\$0.64824		\$0.49769		
	Block 6	0	all additional			\$0.60982		\$0.45785		
	TOTAL						\$15,573.44	\$12,761.62		-18.1%
42C Firm Trans	Block 1	217,853	10,000	73,112.0	\$1,550.00	\$0.15376		\$0.15958		
	Block 2	435,705	20,000			\$0.13764		\$0.14293		
	Block 3	435,705	20,000			\$0.10553		\$0.10980		
	Block 4	665,436	100,000			\$0.08445		\$0.08801		
	Block 5	0	600,000			\$0.05629		\$0.05896		
	Block 6	0	all additional			\$0.02111		\$0.02262		
	TOTAL						\$9,902.81	\$10,234.49		3.3%
42I Firm Trans	Block 1	840,318	10,000	68,813.0	\$1,550.00	\$0.15086		\$0.15682		
	Block 2	1,062,417	20,000			\$0.13503		\$0.14046		
	Block 3	936,547	20,000			\$0.10354		\$0.10789		
	Block 4	2,527,103	100,000			\$0.08283		\$0.08650		
	Block 5	1,239,686	600,000			\$0.05523		\$0.05793		
	Block 6	0	all additional			\$0.02071		\$0.02224		
	TOTAL						\$9,388.28	\$9,712.52		3.5%
42C Interr Sales	Block 1	226,932	10,000	39,178.0	\$1,300.00	\$0.76839		\$0.63625		
	Block 2	425,616	20,000			\$0.74928		\$0.61533		
	Block 3	194,048	20,000			\$0.71125		\$0.57366		
	Block 4	93,667	100,000			\$0.68621		\$0.54625		
	Block 5	0	600,000			\$0.65288		\$0.50976		
	Block 6	0	all additional			\$0.61118		\$0.46412		
	TOTAL						\$30,497.35	\$25,234.15		-17.3%
42I Interr Sales	Block 1	128,853	10,000	18,328.0	\$1,300.00	\$0.75105		\$0.60859		
	Block 2	91,079	20,000			\$0.73376		\$0.59065		
	Block 3	0	20,000			\$0.69936		\$0.55497		
	Block 4	0	100,000			\$0.67671		\$0.53151		
	Block 5	0	600,000			\$0.64652		\$0.50018		
	Block 6	0	all additional			\$0.60879		\$0.46106		
	TOTAL						\$14,921.25	\$12,304.83		-17.5%
42C Inter Trans	Block 1	0	10,000	0.0	\$1,550.00	\$0.14295		\$0.14630		
	Block 2	0	20,000			\$0.12797		\$0.13106		
	Block 3	0	20,000			\$0.09813		\$0.10070		
	Block 4	0	100,000			\$0.07851		\$0.08072		
	Block 5	0	600,000			\$0.05235		\$0.05410		
	Block 6	0	all additional			\$0.01961		\$0.02079		
	TOTAL						\$1,550.00	\$1,550.00		0.0%
42I Inter Trans	Block 1	830,413	10,000	0.0	\$1,550.00	\$0.14372		\$0.14937		
	Block 2	1,522,701	20,000			\$0.12865		\$0.13380		
	Block 3	1,166,628	20,000			\$0.09865		\$0.10279		
	Block 4	2,984,749	100,000			\$0.07894		\$0.08242		
	Block 5	1,303,638	600,000			\$0.05263		\$0.05522		
	Block 6	0	all additional			\$0.01973		\$0.02122		
	TOTAL						\$1,550.00	\$1,550.00		0.0%
43 Firm Trans		0	N/A	0.0	\$38,000.00	\$0.00578	\$38,000.00	\$0.00587	\$38,000.00	N/A
43 Interr Trans		0	N/A	0.0	\$38,000.00	\$0.00521	\$38,000.00	\$0.00587	\$38,000.00	N/A

[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
Rates in summary		Column A

NW Natural
 Rates & Regulatory Affairs
 2023-2024 PGA Filing - Washington: September Filing
 Calculation of Proposed Rates - SUMMARY

		11/1/2022			Proposed	Net change	Net Change	Proposed	2022-23 PGA
		Billing	Net change	Net change	Rates	Temporary	Permanent	11/1/2023	Change in
		Rates	WACOG	Demand [1]	PGA Only [1]	Increments	Rate	Billing	Rate
								Rates [1]	
		D=A+B+C					G=D+E+F		
Schedule	Block	A	B	C	D	E	F	G	
1R		1.59190	0.00145	0.01469	1.60804	(0.05664)	(0.00660)	1.54480	(0.04710)
1C		1.60601	0.00145	0.01469	1.62215	(0.07043)	(0.00548)	1.54624	(0.05977)
2R		1.41591	0.00145	0.01469	1.43205	(0.21989)	(0.00418)	1.20798	(0.20793)
3 CFS		1.25038	0.00145	0.01469	1.26652	(0.10217)	(0.00375)	1.16060	(0.08978)
3 IFS		1.22899	0.00145	0.01469	1.24513	(0.14417)	(0.00339)	1.09757	(0.13142)
27		1.02062	0.00145	0.01469	1.03676	(0.08213)	(0.00297)	0.95166	(0.06896)
41C Firm Sales	Block 1	1.03667	0.00145	0.00000	1.03812	(0.11357)	(0.00297)	0.92158	(0.11509)
	Block 2	0.98320	0.00145	0.00000	0.98465	(0.11851)	(0.00262)	0.86352	(0.11968)
41I Firm Sales	Block 1	0.96687	0.00145	0.00000	0.96832	(0.15009)	(0.00093)	0.81730	(0.14957)
	Block 2	0.92170	0.00145	0.00000	0.92315	(0.15061)	(0.00082)	0.77172	(0.14998)
41C Interr Sales	Block 1	1.01490	0.00145	0.00000	1.01635	(0.11401)	(0.01409)	0.88825	(0.12665)
	Block 2	0.96393	0.00145	0.00000	0.96538	(0.11854)	(0.01241)	0.83443	(0.12950)
41I Interr Sales	Block 1	0.95740	0.00145	0.00000	0.95885	(0.14527)	0.00000	0.81358	(0.14382)
	Block 2	0.91323	0.00145	0.00000	0.91468	(0.14596)	0.00000	0.76872	(0.14451)
41C Firm Trans	Block 1	0.38083	0.00000	0.00000	0.38083	0.01050	(0.00104)	0.39029	0.00946
	Block 2	0.33552	0.00000	0.00000	0.33552	0.00936	(0.00091)	0.34397	0.00845
41I Firm Trans	Block 1	0.37098	0.00000	0.00000	0.37098	0.00747	0.00000	0.37845	0.00747
	Block 2	0.32687	0.00000	0.00000	0.32687	0.00667	0.00000	0.33354	0.00667
42C Firm Sales	Block 1	0.80750	0.00145	0.00000	0.80895	(0.12455)	(0.00224)	0.68216	(0.12534)
	Block 2	0.78434	0.00145	0.00000	0.78579	(0.12774)	(0.00200)	0.65605	(0.12829)
	Block 3	0.73831	0.00145	0.00000	0.73976	(0.13412)	(0.00153)	0.60411	(0.13420)
	Block 4	0.70801	0.00145	0.00000	0.70946	(0.13833)	(0.00123)	0.56990	(0.13811)
	Block 5	0.66761	0.00145	0.00000	0.66906	(0.14391)	(0.00082)	0.52433	(0.14328)
	Block 6	0.61709	0.00145	0.00000	0.61854	(0.15089)	(0.00031)	0.46734	(0.14975)
42I Firm Sales	Block 1	0.75461	0.00145	0.00000	0.75606	(0.14749)	(0.00065)	0.60792	(0.14669)
	Block 2	0.73700	0.00145	0.00000	0.73845	(0.14820)	(0.00059)	0.58966	(0.14734)
	Block 3	0.70198	0.00145	0.00000	0.70343	(0.14961)	(0.00045)	0.55337	(0.14861)
	Block 4	0.67895	0.00145	0.00000	0.68040	(0.15055)	(0.00036)	0.52949	(0.14946)
	Block 5	0.64824	0.00145	0.00000	0.64969	(0.15176)	(0.00024)	0.49769	(0.15055)
	Block 6	0.60982	0.00145	0.00000	0.61127	(0.15333)	(0.00009)	0.45785	(0.15197)
42C Firm Trans	Block 1	0.15376	0.00000	0.00000	0.15376	0.00646	(0.00064)	0.15958	0.00582
	Block 2	0.13764	0.00000	0.00000	0.13764	0.00585	(0.00056)	0.14293	0.00529
	Block 3	0.10553	0.00000	0.00000	0.10553	0.00470	(0.00043)	0.10980	0.00427
	Block 4	0.08445	0.00000	0.00000	0.08445	0.00391	(0.00035)	0.08801	0.00356
	Block 5	0.05629	0.00000	0.00000	0.05629	0.00290	(0.00023)	0.05896	0.00267
	Block 6	0.02111	0.00000	0.00000	0.02111	0.00159	(0.00008)	0.02262	0.00151
42I Firm Trans	Block 1	0.15086	0.00000	0.00000	0.15086	0.00639	(0.00043)	0.15682	0.00596
	Block 2	0.13503	0.00000	0.00000	0.13503	0.00581	(0.00038)	0.14046	0.00543
	Block 3	0.10354	0.00000	0.00000	0.10354	0.00465	(0.00030)	0.10789	0.00435
	Block 4	0.08283	0.00000	0.00000	0.08283	0.00390	(0.00023)	0.08650	0.00367
	Block 5	0.05523	0.00000	0.00000	0.05523	0.00286	(0.00016)	0.05793	0.00270
	Block 6	0.02071	0.00000	0.00000	0.02071	0.00158	(0.00005)	0.02224	0.00153
42C Interr Sales	Block 1	0.76839	0.00145	0.00000	0.76984	(0.13226)	(0.00133)	0.63625	(0.13214)
	Block 2	0.74928	0.00145	0.00000	0.75073	(0.13421)	(0.00119)	0.61533	(0.13395)
	Block 3	0.71125	0.00145	0.00000	0.71270	(0.13813)	(0.00091)	0.57366	(0.13759)
	Block 4	0.68621	0.00145	0.00000	0.68766	(0.14068)	(0.00073)	0.54625	(0.13996)
	Block 5	0.65288	0.00145	0.00000	0.65433	(0.14408)	(0.00049)	0.50976	(0.14312)
	Block 6	0.61118	0.00145	0.00000	0.61263	(0.14833)	(0.00018)	0.46412	(0.14706)
42I Interr Sales	Block 1	0.75105	0.00145	0.00000	0.75250	(0.14331)	(0.00060)	0.60859	(0.14246)
	Block 2	0.73376	0.00145	0.00000	0.73521	(0.14402)	(0.00054)	0.59065	(0.14311)
	Block 3	0.69936	0.00145	0.00000	0.70081	(0.14542)	(0.00042)	0.55497	(0.14439)
	Block 4	0.67671	0.00145	0.00000	0.67816	(0.14632)	(0.00033)	0.53151	(0.14520)
	Block 5	0.64652	0.00145	0.00000	0.64797	(0.14757)	(0.00022)	0.50018	(0.14634)
	Block 6	0.60879	0.00145	0.00000	0.61024	(0.14909)	(0.00009)	0.46106	(0.14773)
42C Inter Trans	Block 1	0.14295	0.00000	0.00000	0.14295	0.00335	0.00000	0.14630	0.00335
	Block 2	0.12797	0.00000	0.00000	0.12797	0.00309	0.00000	0.13106	0.00309
	Block 3	0.09813	0.00000	0.00000	0.09813	0.00257	0.00000	0.10070	0.00257
	Block 4	0.07851	0.00000	0.00000	0.07851	0.00221	0.00000	0.08072	0.00221
	Block 5	0.05235	0.00000	0.00000	0.05235	0.00175	0.00000	0.05410	0.00175
	Block 6	0.01961	0.00000	0.00000	0.01961	0.00118	0.00000	0.02079	0.00118
42I Inter Trans	Block 1	0.14372	0.00000	0.00000	0.14372	0.00601	(0.00036)	0.14937	0.00565
	Block 2	0.12865	0.00000	0.00000	0.12865	0.00547	(0.00032)	0.13380	0.00515
	Block 3	0.09865	0.00000	0.00000	0.09865	0.00438	(0.00024)	0.10279	0.00414
	Block 4	0.07894	0.00000	0.00000	0.07894	0.00368	(0.00020)	0.08242	0.00348
	Block 5	0.05263	0.00000	0.00000	0.05263	0.00272	(0.00013)	0.05522	0.00259
	Block 6	0.01973	0.00000	0.00000	0.01973	0.00154	(0.00005)	0.02122	0.00149
43 Firm Trans		0.00578	0.00000	0.00000	0.00578	0.00009	0.00000	0.00587	0.00009
43 Interr Trans		0.00521	0.00000	0.00000	0.00521	0.00066	0.00000	0.00587	0.00066

Sources:

Direct Inputs	2022-23 PGA
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Rates in detail	Column F - B	Column G+H-C-D	Column K - J	Column L	Column N
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[1] Rate Schedule 41 and 42 customers may choose demand charges at a volumetric rate or based on MDDV.

NW Natural
 Rates & Regulatory Affairs
 2023-2024 PGA Filing - Washington: September Filing
 Calculation of Proposed Rates - DETAIL

11/1/2022	REMOVE	REMOVE	REMOVE	ADD	ADD	ADD	REMOVE	ADD	ADD	11/1/2023				
Billing	Current	Current	Current	Proposed	Proposed	Proposed	Current	Proposed	Proposed	Proposed				
Rates	WACOG	FIRM	INTERR	WACOG	FIRM	INTERR	Temporary	Temporary	Permanent	Tariff				
		Demand	Demand	Subtotal [1]	Demand	Demand	Items	Items	Rates	Rates [1]				
Schedule	Block	E=A-B-C-D				I=E+F+G+H				L				
		A	B	C	D	E	F	G	H	I	J	K	L	
1R		1.59190	0.46972	0.08696	0.00000	1.03522	\$0.47117	\$0.10165	0.00000	1.60804	0.19500	0.13836	(0.00660)	1.54480
1C		1.60601	0.46972	0.08696	0.00000	1.04933	\$0.47117	\$0.10165	0.00000	1.62215	0.18173	0.11130	(0.00548)	1.54624
2R		1.41591	0.46972	0.08696	0.00000	0.85923	\$0.47117	\$0.10165	0.00000	1.43205	0.29747	0.07758	(0.00418)	1.20798
3 CFS		1.25038	0.46972	0.08696	0.00000	0.69370	\$0.47117	\$0.10165	0.00000	1.26652	0.15700	0.05483	(0.00375)	1.16060
3 IFS		1.22899	0.46972	0.08696	0.00000	0.67231	\$0.47117	\$0.10165	0.00000	1.24513	0.12557	(0.01860)	(0.00339)	1.09757
27		1.02062	0.46972	0.08696	0.00000	0.46394	\$0.47117	\$0.10165	0.00000	1.03676	0.14933	0.06720	(0.00297)	0.95166
41C Firm Sales	Block 1	1.03667	0.46972			0.56695	\$0.47117			1.03812	0.14834	0.03477	(0.00297)	0.92158
	Block 2	0.98320	0.46972			0.51348	\$0.47117			0.98465	0.14462	0.02611	(0.00262)	0.86352
41I Firm Sales	Block 1	0.96687	0.46972			0.49715	\$0.47117			0.96832	0.12513	(0.02496)	(0.00093)	0.81730
	Block 2	0.92170	0.46972			0.45198	\$0.47117			0.92315	0.12418	(0.02643)	(0.00082)	0.77172
41C Interr Sales	Block 1	1.01490	0.46972			0.54518	\$0.47117			1.01635	0.14696	0.03295	(0.01409)	0.88825
	Block 2	0.96393	0.46972			0.49421	\$0.47117			0.96538	0.14335	0.02481	(0.01241)	0.83443
41I Interr Sales	Block 1	0.95740	0.46972			0.48768	\$0.47117			0.95885	0.12428	(0.02099)	0.00000	0.81358
	Block 2	0.91323	0.46972			0.44351	\$0.47117			0.91468	0.12334	(0.02262)	0.00000	0.76872
41C Firm Trans	Block 1	0.38083	0.00000			0.38083	\$0.00000			0.38083	0.00194	0.01244	(0.00104)	0.39029
	Block 2	0.33552	0.00000			0.33552	\$0.00000			0.33552	0.00170	0.01106	(0.00091)	0.34397
41I Firm Trans	Block 1	0.37098	0.00000			0.37098	\$0.00000			0.37098	0.00317	0.01064	0.00000	0.37845
	Block 2	0.32687	0.00000			0.32687	\$0.00000			0.32687	0.00281	0.00948	0.00000	0.33354
42C Firm Sales	Block 1	0.80750	0.46972			0.33778	\$0.47117			0.80895	0.12969	0.00514	(0.00224)	0.68216
	Block 2	0.78434	0.46972			0.31462	\$0.47117			0.78579	0.12836	0.00062	(0.00200)	0.65605
	Block 3	0.73831	0.46972			0.26859	\$0.47117			0.73976	0.12573	(0.00839)	(0.00153)	0.60411
	Block 4	0.70801	0.46972			0.23829	\$0.47117			0.70946	0.12401	(0.01432)	(0.00123)	0.56990
	Block 5	0.66761	0.46972			0.19789	\$0.47117			0.66906	0.12171	(0.02220)	(0.00082)	0.52433
	Block 6	0.61709	0.46972			0.14737	\$0.47117			0.61854	0.11881	(0.03208)	(0.00031)	0.46734
42I Firm Sales	Block 1	0.75461	0.46972			0.28489	\$0.47117			0.75606	0.11807	(0.02942)	(0.00065)	0.60792
	Block 2	0.73700	0.46972			0.26728	\$0.47117			0.73845	0.11795	(0.03025)	(0.00059)	0.58966
	Block 3	0.70198	0.46972			0.23226	\$0.47117			0.70343	0.11775	(0.03186)	(0.00045)	0.55337
	Block 4	0.67895	0.46972			0.20923	\$0.47117			0.68040	0.11762	(0.03293)	(0.00036)	0.52949
	Block 5	0.64824	0.46972			0.17852	\$0.47117			0.64969	0.11743	(0.03433)	(0.00024)	0.49769
	Block 6	0.60982	0.46972			0.14010	\$0.47117			0.61127	0.11721	(0.03612)	(0.00009)	0.45785
42C Firm Trans	Block 1	0.15376	0.00000			0.15376	\$0.00000			0.15376	(0.00130)	0.00516	(0.00064)	0.15958
	Block 2	0.13764	0.00000			0.13764	\$0.00000			0.13764	(0.00116)	0.00469	(0.00056)	0.14293
	Block 3	0.10553	0.00000			0.10553	\$0.00000			0.10553	(0.00090)	0.00380	(0.00043)	0.10980
	Block 4	0.08445	0.00000			0.08445	\$0.00000			0.08445	(0.00071)	0.00320	(0.00035)	0.08801
	Block 5	0.05629	0.00000			0.05629	\$0.00000			0.05629	(0.00048)	0.00242	(0.00023)	0.05896
	Block 6	0.02111	0.00000			0.02111	\$0.00000			0.02111	(0.00017)	0.00142	(0.00008)	0.02262
42I Firm Trans	Block 1	0.15086	0.00000			0.15086	\$0.00000			0.15086	(0.00118)	0.00521	(0.00043)	0.15682
	Block 2	0.13503	0.00000			0.13503	\$0.00000			0.13503	(0.00106)	0.00475	(0.00038)	0.14046
	Block 3	0.10354	0.00000			0.10354	\$0.00000			0.10354	(0.00082)	0.00383	(0.00030)	0.10789
	Block 4	0.08283	0.00000			0.08283	\$0.00000			0.08283	(0.00066)	0.00324	(0.00023)	0.08650
	Block 5	0.05523	0.00000			0.05523	\$0.00000			0.05523	(0.00043)	0.00243	(0.00016)	0.05793
	Block 6	0.02071	0.00000			0.02071	\$0.00000			0.02071	(0.00016)	0.00142	(0.00005)	0.02224
42C Interr Sales	Block 1	0.76839	0.46972			0.29867	\$0.47117			0.76984	0.12880	(0.00346)	(0.00133)	0.63625
	Block 2	0.74928	0.46972			0.27956	\$0.47117			0.75073	0.12750	(0.00671)	(0.00119)	0.61533
	Block 3	0.71125	0.46972			0.24153	\$0.47117			0.71270	0.12494	(0.01319)	(0.00091)	0.57366
	Block 4	0.68621	0.46972			0.21649	\$0.47117			0.68766	0.12322	(0.01746)	(0.00073)	0.54625
	Block 5	0.65288	0.46972			0.18316	\$0.47117			0.65433	0.12096	(0.02312)	(0.00049)	0.50976
	Block 6	0.61118	0.46972			0.14146	\$0.47117			0.61263	0.11813	(0.03020)	(0.00018)	0.46412
42I Interr Sales	Block 1	0.75105	0.46972			0.28133	\$0.47117			0.75250	0.11742	(0.02589)	(0.00060)	0.60859
	Block 2	0.73376	0.46972			0.26404	\$0.47117			0.73521	0.11731	(0.02671)	(0.00054)	0.59065
	Block 3	0.69936	0.46972			0.22964	\$0.47117			0.70081	0.11712	(0.02830)	(0.00042)	0.55497
	Block 4	0.67671	0.46972			0.20699	\$0.47117			0.67816	0.11697	(0.02935)	(0.00033)	0.53151
	Block 5	0.64652	0.46972			0.17680	\$0.47117			0.64797	0.11680	(0.03077)	(0.00022)	0.50018
	Block 6	0.60879	0.46972			0.13907	\$0.47117			0.61024	0.11657	(0.03252)	(0.00009)	0.46106
42C Inter Trans	Block 1	0.14295	0.00000			0.14295	\$0.00000			0.14295	0.00126	0.00461	0.00000	0.14630
	Block 2	0.12797	0.00000			0.12797	\$0.00000			0.12797	0.00112	0.00421	0.00000	0.13106
	Block 3	0.09813	0.00000			0.09813	\$0.00000			0.09813	0.00086	0.00343	0.00000	0.10070
	Block 4	0.07851	0.00000			0.07851	\$0.00000			0.07851	0.00069	0.00290	0.00000	0.08072
	Block 5	0.05235	0.00000			0.05235	\$0.00000			0.05235	0.00046	0.00221	0.00000	0.05410
	Block 6	0.01961	0.00000			0.01961	\$0.00000			0.01961	0.00017	0.00135	0.00000	0.02079
42I Inter Trans	Block 1	0.14372	0.00000			0.14372	\$0.00000			0.14372	(0.00094)	0.00507	(0.00036)	0.14937
	Block 2	0.12865	0.00000			0.12865	\$0.00000			0.12865	(0.00084)	0.00463	(0.00032)	0.13380
	Block 3	0.09865	0.00000			0.09865	\$0.00000			0.09865	(0.00064)	0.00374	(0.00024)	0.10279
	Block 4	0.07894	0.00000			0.07894	\$0.00000			0.07894	(0.00051)	0.00317	(0.00020)	0.08242
	Block 5	0.05263	0.00000			0.05263	\$0.00000			0.05263	(0.00034)	0.00238	(0.00013)	0.05522
	Block 6	0.01973	0.00000			0.01973	\$0.00000			0.01973	(0.00013)	0.00141	(0.00005)	0.02122
43 Firm Trans		0.00578	0.00000			0.00578	\$0.00000	\$0.00000	0.00000	0.00578	0.00087	0.00096	0.00000	0.00587
43 Interr Trans		0.00521	0.00000			0.00521	\$0.00000	\$0.00000	0.00000	0.00521	0.00030	0.00096	0.00000	0.00587

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Sources:

Direct Inputs	2022-23 PGA	2022-23 PGA	2022-23 PGA	2022-23 PGA	Gas Cost File	Gas Cost File	Gas Cost File
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Temporary Increments					Column A	Column I
Permanent Increments						Column E
Equal % of margin						

[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 shown for those schedules.

NW Natural
Rates & Regulatory Affairs
2022-23 Combined Effects - Washington: September Filing
Tariff Advice 23-13: Combined Effects on Revenue w/ PGA

	<u>Amount</u>
1	
2 <u>Purchased Gas Cost Adjustment (PGA)</u>	
3	
4 Gas Cost Change	\$132,508
5	
6 Capacity Cost Change	<u>1,563,933</u>
7	
8 Total PGA Change	<u>1,696,441</u>
9	
10 <u>Temporary Rate Adjustments</u>	
11	
12 Proposed Temporary Increments	5,896,462
13	
14 Removal of Current Temporary Increments	<u>(16,486,458)</u>
15	
16 Total Net Temporary Rate Adjustment	<u>(10,589,996)</u>
17	
18 <u>Permanent Rate Adjustments</u>	
19	
20 Proposed Permanent Increments	(320,858)
21	
22 Removal of Current Permanent Increments	<u>0</u>
23	
24 Total Net Temporary Rate Adjustment	<u>(320,858)</u>
25	
26 TOTAL OF ALL COMPONENTS OF ALL RATE CHANGES	<u><u>(\$9,214,413)</u></u>
27	
28	
29	
30 2022 Washington CBR Normalized Total Revenues	\$102,022,644
31	
32 Effect of this filing, as a percentage change	-9.03%