EXHIBIT A

BEFORE THE WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

NW NATURAL SUPPORTING MATERIALS

WA Low-Income Program Costs (Amortization)

NWN WUTC Advice No. 24-08 / UG-_____ September 13, 2024

NW NATURAL

EXHIBIT A

Supporting Materials

WA Low-Income Program Costs (AMORTIZATION)

NWN WUTC ADVICE NO. 24-08 / UG-____

Description	Page
Calculation of Increments Allocated on the Equal Percentage of Margin Basis	1
Calculation of Effect on Customer Average Bill by Rate Schedule	2
Summary of Deferred Accounts	3
151890 Deferral – Washington Low Income Energy Efficiency	4
151892 Washington Low Income Energy Efficiency Amortization	5
151822 Washington Low Income Bill Pay Assistance (GREAT)	6
151824 Amortization – Washington Low Income Bill Pay Assistance (GREAT)	7
Effects on Revenue	8

NW Natural
Rates & Regulatory Affairs
2024-2025 PGA Filing - Washington: September Filing
Calculation of increments Allocated on the EQUAL PERCENTAGE OF MARGIN BASIS

			Billing	WACOG &	Temps from								Bill Pay Assistant			WA-LIEE	
		PGA	Rate from	Demand from	Temporary						Proposed Amount:		Temporary Incre			Temporary Incremen	
		Volumes page,	Rates page,	Rates page,	Increment page,	MARGIN	Volumetric	Customer		Total	Revenue Sensitive Multiplier:		add revenue sen	sitive factor		add revenue sensitiv	ve factor
		Column D	Column A	Column B+C+D	Column A	Rate E=B-C-D	Margin	Charge	Customers	Margin	Amount to Amortize:		All sales Allocation to RS	Increment	115,495 Multiplier	Allocation to RS	Increment
Schedule	Block	Α	В	c	D	E=B-C-D	F = E * A	G	н	I = (G*H*12)+F		M	N N	0	P	Q Allocation to KS	R
1R		329,987	\$2.04202	\$0.57282	\$0.63558	\$0.83362	\$275,084	\$5.50	1,878	\$399,032		1.0	\$5,844	\$0.01771	1.0	\$778	\$0.002
1C		15,693	\$2.04342	\$0.57282	\$0.60848	\$0.86212	\$13,530	\$7.00	35	\$16,470		1.0	\$241	\$0.01536	1.0	\$32	\$0.002
2R		60,818,465	\$1.70521	\$0.57282	\$0.57481	\$0.55758	\$33,911,160	\$8.00	88,378	\$42,395,448		1.0	\$620,905	\$0.01021	1.0	\$82,682	\$0.001
3 CFS		20,700,936	\$1.65784	\$0.57282	\$0.55207	\$0.53295	\$11,032,564	\$22.00	6,785	\$12,823,804		1.0	\$187,812	\$0.00907	1.0	\$25,010	\$0.001
3 IFS		219,194	\$1.59481	\$0.57282 \$0.57282	\$0.47864 \$0.56445	\$0.54335	\$119,099 \$18,862	\$22.00	21 390	\$124,643 \$60,982		1.0	\$1,825 \$893	\$0.00833	1.0	\$243 \$119	\$0.001
41C Firm Sales	Block 1	1.451.662	\$1.44891	\$0.47117	\$0.53202	\$0.41564	\$1,466,566	\$250	97	\$1,757,566		1.0	\$25,741	\$0.01475	1.0	\$3,428	\$0.001
420 1 11111 30103	Block 2	2,356,915	\$1.36076	\$0.47117	\$0.52335	\$0.36624	\$2,400,300	3230	3,	\$2,737,300		1.0	\$25,742	\$0.00643	1.0	93,420	\$0.000
41I Firm Sales	Block 1	380,477	\$1.31637	\$0.47117	\$0.47411	\$0.37109	\$418,576	\$250.00	21	\$481,576		1.0	\$7,053	\$0.00625	1.0	\$939	\$0.000
	Block 2	848,324	\$1.27060	\$0.47117	\$0.47245	\$0.32698						1.0		\$0.00551	1.0		\$0.000
11C Interr Sales		0	\$1.38551	\$0.47117	\$0.53021	\$0.38413	\$0	\$250.00	0	\$0		1.0	\$0	\$0.00664	1.0	\$0	\$0.000
	Block 2 Block 1	0	\$1.33169 \$1.31084	\$0.47117 \$0.47117	\$0.52207 \$0.47627	\$0.33845 \$0.36340	\$0	\$250.00	0	\$0		1.0	\$0	\$0.00585	1.0	\$0	\$0.000
41I Interr Sales	Block 2	0	\$1.31084	\$0.47117	\$0.47627	\$0.36340	ŞU	\$250.00	U	\$0		1.0	\$0	\$0.00528	1.0	\$0	\$0.000
41C Firm Trans	Block 1	169,476	\$0.88754	\$0.00000	\$0.50969	\$0.37785	\$158,308	\$500.00	8	\$206,308		0.0	\$0	\$0.00000	0.0	\$0	\$0.000
	Block 2	283,174	\$0.84122	\$0.00000	\$0.50831	\$0.33291	,,		-	¥,		0.0		\$0.00000	0.0	**	\$0.000
41I Firm Trans	Block 1	0	\$0.87571	\$0.00000	\$0.50790	\$0.36781	\$0	\$500.00	0	\$0		0.0	\$0	\$0.00000	0.0	\$0	\$0.000
	Block 2	0	\$0.83080	\$0.00000	\$0.50674	\$0.32406						0.0		\$0.00000	0.0		\$0.000
42C Firm Sales	Block 1	665,308	\$1.17942	\$0.47117	\$0.50240	\$0.20585	\$361,878	\$1,300.00	8	\$486,678		1.0	\$7,128	\$0.00405	1.0	\$949	\$0.000
	Block 2 Block 3	902,132 353.351	\$1.15330 \$1.10137	\$0.47117 \$0.47117	\$0.49787 \$0.48887	\$0.18426 \$0.14133						1.0 1.0		\$0.00363 \$0.00278	1.0 1.0		\$0.000
	Block 3 Block 4	353,351 77,473	\$1.10137 \$1.06716	\$0.47117 \$0.47117	\$0.48887 \$0.48294	\$0.14133 \$0.11305						1.0		\$0.00278	1.0		\$0.00
	Block 5	77,473	\$1.02158	\$0.47117	\$0.48294	\$0.07536						1.0		\$0.00223	1.0		\$0.000
	Block 6	ō	\$0.96459	\$0.47117	\$0.46517	\$0.02825						1.0		\$0.00056	1.0		\$0.000
421 Firm Sales	Block 1	966,970	\$1.10516	\$0.47117	\$0.46782	\$0.16617	\$278,782	\$1,300.00	11	\$450,382		1.0	\$6,596	\$0.00393	1.0	\$878	\$0.000
	Block 2	708,323	\$1.08691	\$0.47117	\$0.46700	\$0.14874						1.0		\$0.00352	1.0		\$0.000
	Block 3	102,042	\$1.05063	\$0.47117	\$0.46540	\$0.11406						1.0		\$0.00270	1.0		\$0.000
	Block 4	12,115	\$1.02675	\$0.47117	\$0.46433	\$0.09125						1.0		\$0.00216	1.0		\$0.000
	Block 5 Block 6	0	\$0.99494	\$0.47117 \$0.47117	\$0.46292 \$0.46114	\$0.06085 \$0.02280						1.0		\$0.00144	1.0		\$0.000
42C Firm Trans	Block 6 Block 1	251,608	\$0.95511	\$0.47117	\$0.46114 \$0.50241	\$0.02280	\$224,401	\$1,550.00	1	\$243,001		0.0	\$0	\$0.00054	0.0	\$0	\$0.000
42C FIRM Trans	Block 2	503.215	\$0.65683	\$0.00000	\$0.50241	\$0.13442	\$224,401	\$1,550.00	1	\$243,001		0.0	50	\$0.00000	0.0	ŞU	\$0.000
	Block 3	503,215	\$0.60706	\$0.00000	\$0.50106	\$0.10600						0.0		\$0.00000	0.0		\$0.000
	Block 4	738,618	\$0.58527	\$0.00000	\$0.50046	\$0.08481						0.0		\$0.00000	0.0		\$0.000
	Block 5	0	\$0.55621	\$0.00000	\$0.49967	\$0.05654						0.0		\$0.00000	0.0		\$0.000
	Block 6	0	\$0.51988	\$0.00000	\$0.49868	\$0.02120						0.0		\$0.00000	0.0		\$0.000
42I Firm Trans	Block 1	1,054,570	\$0.65408	\$0.00000	\$0.50247	\$0.15161	\$842,181	\$1,550.00	8	\$990,981		0.0	\$0	\$0.00000	0.0	\$0	\$0.000
	Block 2	1,523,772	\$0.63772	\$0.00000	\$0.50201	\$0.13571						0.0		\$0.00000	0.0		\$0.000
	Block 3 Block 4	1,376,179	\$0.60515	\$0.00000 \$0.00000	\$0.50109 \$0.50050	\$0.10406 \$0.08326						0.0		\$0.00000	0.0		\$0.000
	Block 5	3,236,161 1,132,591	\$0.58376 \$0.55519	\$0.00000	\$0.49969	\$0.05550						0.0		\$0.00000	0.0 0.0		\$0.000 \$0.000
	Block 6	1,132,391	\$0.51950	\$0.00000	\$0.49868	\$0.03330						0.0		\$0.00000	0.0		\$0.000
12C Interr Sales	Block 1	256,616	\$1.13350	\$0.47117	\$0.49379	\$0.16854	\$145,445	\$1,300.00	2	\$176,645		1.0	\$2,587	\$0.00300	1.0	\$345	\$0.000
	Block 2	488,108	\$1.11259	\$0.47117	\$0.49055	\$0.15087						1.0		\$0.00268	1.0		\$0.000
	Block 3	219,844	\$1.07092	\$0.47117	\$0.48407	\$0.11568						1.0		\$0.00206	1.0		\$0.000
	Block 4	33,747	\$1.04351	\$0.47117	\$0.47980	\$0.09254						1.0		\$0.00165	1.0		\$0.000
	Block 5	0	\$1.00702	\$0.47117	\$0.47414	\$0.06171						1.0		\$0.00110	1.0		\$0.000
42I Interr Sales	Block 6 Block 1	124.246	\$0.96138 \$1.10585	\$0.47117 \$0.47117	\$0.46706 \$0.47137	\$0.02315 \$0.16331	\$31.848	\$1,300,00	1	\$47.448		1.0	\$695	\$0.00041	1.0	\$93	\$0.000
421 ITTETT SaleS	Block 2	79,054	\$1.10585	\$0.47117	\$0.47055	\$0.16331	\$31,648	\$1,300.00	1	\$47,448		1.0	5095	\$0.00356	1.0	293	\$0.00
	Block 3	79,054	\$1.05223	\$0.47117	\$0.47035	\$0.14619						1.0		\$0.00319	1.0		\$0.000
	Block 4	ō	\$1.02876	\$0.47117	\$0.46790	\$0.08969						1.0		\$0.00196	1.0		\$0.000
	Block 5	0	\$0.99743	\$0.47117	\$0.46648	\$0.05978						1.0		\$0.00130	1.0		\$0.000
	Block 6	0	\$0.95832	\$0.47117	\$0.46474	\$0.02241						1.0		\$0.00049	1.0		\$0.00
42C Inter Trans	Block 1	0	\$0.64356	\$0.00000	\$0.50187	\$0.14169	\$0	\$1,550.00	0	\$0		0.0	\$0	\$0.00000	0.0	\$0	\$0.00
	Block 2	0	\$0.62832	\$0.00000	\$0.50147	\$0.12685						0.0		\$0.00000	0.0		\$0.00
	Block 3 Block 4	0	\$0.59796 \$0.57798	\$0.00000	\$0.50069 \$0.50016	\$0.09727 \$0.07782						0.0		\$0.00000	0.0		\$0.00
	Block 4 Block 5	0	\$0.57798 \$0.55136	\$0.00000	\$0.50016 \$0.49947	\$0.07782 \$0.05189						0.0		\$0.00000	0.0		\$0.00
	Block 6	0	\$0.53136	\$0.00000	\$0.49947	\$0.05189						0.0		\$0.00000	0.0		\$0.00
42I Inter Trans	Block 1	978,826	\$0.64663	\$0.00000	\$0.50233	\$0.14430	\$899,467	\$1,550.00	10	\$1,085,467		0.0	\$0	\$0.00000	0.0	\$0	\$0.00
	Block 2	1,713,725	\$0.63106	\$0.00000	\$0.50189	\$0.12917		. ,		,,-0/		0.0		\$0.00000	0.0		\$0.00
	Block 3	1,330,900	\$0.60005	\$0.00000	\$0.50100	\$0.09905						0.0		\$0.00000	0.0		\$0.00
	Block 4	3,813,650	\$0.57968	\$0.00000	\$0.50043	\$0.07925						0.0		\$0.00000	0.0		\$0.00
	Block 5	1,945,561	\$0.55248	\$0.00000	\$0.49964	\$0.05284						0.0		\$0.00000	0.0		\$0.00
42 Firm Ton	Block 6	0	\$0.51848	\$0.00000	\$0.49867	\$0.01981	40	ć20 000 °°		**		0.0	**	\$0.00000	0.0	40	\$0.00
43 Firm Trans		0	\$0.50313	\$0.00000	\$0.49822	\$0.00491	\$0	\$38,000.00	0	\$0		0.0	\$0 \$0	\$0.00000	0.0	\$0	\$0.00
43 Interr Trans tentionally blank	l.	0	\$0.50313	\$0.00000	\$0.49822	\$0.00491	\$0	\$38,000.00	0	\$0		0.0	\$0	\$0.00000	0.0	\$0	\$0.00
conductions of the second	n														l		
tals		112,726,745					\$50,197,751			\$61,746,431		\$59,220,674	\$867,320		\$59,220,674	\$115,496	
		, .,					, . ,			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						,	
urces for line 2	above:																
uts page									Column G			Line 41			Line 39		
ff Schedules:																	

⁸⁴ Note: Allocation to rate schedules or blocks with zero volumes is calculated on an overall margin percentage change basis.

NW Natural Rates & Regulatory Affairs 2024-2025 PGA Filing - Washington: September Filing PGA Effects on Average Bill by Rate Schedule Calculation of Effect on Customer Average Bill by Rate Schedule

7 8 9 11 12 13 41C F 11 15 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17	1R 1C 2R 3 CFS 1G 3 CFS 13 IIFS 27 Firm Sales Firm Sales Firm Sales Firm Sales Firm Sales Firm Sales	Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 3 Block 4 Bl	PGA Normalized A 329.987 15.693 15.693 20.70393 21.451,692 20.70393 20.70	Therms in Block 8 N/A	Therms Monthly Average use C 15.0 37.0 15.0 37.0 254.0 870.0 13.0 3.272.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Minimum Monthly Charge \$5.50 \$7.00 \$5.00 \$22.00 \$22.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	CCA Monthly Avg. Credit 55:10 51:0-51:0-51:0-51:0-51:0-51:0-51:0-51:0-	Minimum Monthly Charge D 50.40 (59.67) (511.36) (59.57) (511.36) (59.57) (59.	11/1/2023 Billing Rates E 52.04202 52.04342 51.70521 51.65784 51.59481 51.41883 51.41883 51.36076 \$1.31637 \$1.27060 \$1.31637 \$1.31697	11/1/2023 Current Average Bill/2 F=D+(c* E) 531.03 \$65.94 \$310.3 \$65.94 \$3161.59 \$31.03 \$527.84 \$35.04.73 \$53.04.73	11/1/2024 Rates J 52.05101 \$2.05147 \$1.70025 \$1.66229 \$1.59828 \$1.45902 \$1.59828 \$1.45902 \$1.3943 \$1.27330 \$1.3843 \$1.27330 \$1.38643 \$1.38643 \$1.38671 \$0.88754 \$0.84122 \$0.847571	11/1/2024 GREAT & LIEE Average Bill K= D+(C*) S31.1. \$56.23 \$86.12 \$380.72 \$10.16.16 \$27.97 \$3,585.52 \$5,058.61 \$\$994.55\$ \$51,242.26\$	11/1/2024 % Bill Change L 0.5% 0.4% 0.3% 0.3% 0.3% 0.3% 0.3% 0.0%
4 Sc Sc Sc Sc Sc Sc Sc S	1R 1C 2R 3 CFS 3 CFS 3 IFS 27 Firm Sales Firm Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 1 Block 2 TOTAL Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 3 Block 4 Block 4 Block 4 Block 4 Block 4 Block 6 Block 7	A 329,987 15,693 329,987 15,593 329,987 15,593 329,987 15,593 329,987 329,093 329,379	Block B N N N N N N N N N	Average use C 15.0 37.0 37.0 57.0 670.0 130.0 3,272.0 4,876.0 0.0 4,715.0	\$5.50 \$7.00 \$8.00 \$22.00 \$22.00 \$250.00 \$250.00 \$250.00	Avg. Credit \$5.10 \$16.67 \$19.36 \$81.50 \$396.95 \$0.00 \$1,244.55 \$1,492.26 \$1,492.26 \$1,492.26	Charge D 50.40 (59.67) (511.36) (511.36) (5374.95) (5374.95) (5994.55) (51,242.26) (\$1,242.26)	Rates E 52.04202 \$2.04342 \$1.70521 \$1.65784 \$1.59481 \$1.4883 \$1.36076 \$1.31637 \$1.27060 \$1.27060 \$1.38551 \$1.31697 \$0.31697 \$0.88754 \$0.88754 \$0.88754	Average Bill[2] F=DHC*E F S31.03 S55.94 S85.84 S361.59 S1.012.53 S27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$2.05101 \$2.05101 \$2.05147 \$1.71025 \$1.66229 \$1.59898 \$1.4252 \$1.4252 \$1.3254 \$1.27330 \$1.3344 \$1.27330 \$1.3863 \$1.3344 \$1.3344 \$1.34671	Average Bill KE D+(C*)1 K \$331.17 \$560.23 \$86.12 \$31.07 \$1.016.16 \$27.97 \$3,585.52 \$5,058.61 (\$994.55)	0.5% 0.4% 0.3% 0.3% 0.3% 0.3% 0.5% 0.5%
7 8 9 9 110 11 12 13 141 F 15 15 15 15 15 15 15 15 15 15 15 15 15	1R 1C 2R 3 CFS 3 CFS 3 IFS 27 Firm Sales Firm Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 1 Block 2 TOTAL Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 3 Block 4 Block 4 Block 4 Block 4 Block 4 Block 6 Block 7	A 329,987 15,693 60,818,465 219,194 10,224 13,26,615 380,477 848,324 0 0 0 169,476 283,174 0 0 0 0	B N/A	C 15.0 37.0 57.0 57.0 254.0 870.0 13.0 3,272.0 0.0 0.0	\$5.50 \$7.00 \$8.00 \$22.00 \$22.00 \$50.00 \$250.00 \$250.00 \$250.00	\$5.10 \$16.67 \$19.36 \$81.50 \$398.95 \$0.00 \$1,244.55 \$1,492.26	D \$0.40 (\$9.67) (\$11.36) (\$11.36) (\$59.50) (\$374.95) \$9.00 (\$994.55) (\$1,242.26) (\$1,242.26)	E \$2.04202 \$2.04342 \$1.70521 \$1.65784 \$1.59481 \$1.44891 \$1.44893 \$1.41883 \$1.36076 \$1.31637 \$1.27060 \$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	F=D+(C*E) F S31.03 \$65-94 \$83.84 \$361.59 \$1,012.53 \$27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$2.05101 \$2.05101 \$2.05147 \$1.71025 \$1.66229 \$1.59898 \$1.4252 \$1.3252 \$1.3252 \$1.3252 \$1.3252 \$1.3253 \$1.3344 \$1.27330 \$1.3863 \$1.3344 \$1.3344 \$1.34671	K= D+(C*) K \$31.17 \$66.23 \$86.12 \$382.72 \$1.016.16 \$27.97 \$3,585.52 \$5,058.61 (\$994.55)	0.5% 0.4% 0.3% 0.3% 0.3% 0.3% 0.5% 0.5%
7 8 9 9 110 11 12 13 141 F 15 15 15 15 15 15 15 15 15 15 15 15 15	1R 1C 2R 3 CFS 3 CFS 3 IFS 27 Firm Sales Firm Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 1 Block 2 TOTAL Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 3 Block 4 Block 4 Block 4 Block 4 Block 4 Block 6 Block 7	15,693 0,818,465 20,700,936 219,194 06,524 1,451,662 380,477 0 0 0 169,476 283,174 0 0 0 169,476 390,112 390,113 393,313 377,473 0 0 0	N/A N/A	15.0 37.0 57.0 254.0 870.0 13.0 3,272.0 0.0 0.0	\$7.00 \$8.00 \$22.00 \$22.00 \$22.00 \$5.00 \$5.00 \$250.00 \$250.00 \$250.00	\$16.67 \$19.36 \$81.50 \$38.95 \$0.00 \$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	\$0.40 (\$9.67) (\$11.36) (\$59.50) (\$59.50) (\$374.95) \$9.00 (\$994.55) (\$1,242.26) (\$1,242.26)	\$2.04202 \$2.04342 \$1.170521 \$1.65784 \$1.59481 \$1.59481 \$1.4883 \$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84752 \$0.87571	F \$31.03 \$65.94 \$85.84 \$361.59 \$1,012.53 \$27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$2.05147 \$1.71025 \$1.6229 \$1.59898 \$1.45902 \$1.45902 \$1.31943 \$1.27330 \$1.33444 \$1.333444 \$1.26871 \$0.88754 \$0.84122	K \$31.17 \$66.23 \$86.12 \$382.72 \$1.016.16 \$27.97 \$3,585.52 \$5,058.61 \$(\$994.55) \$(\$1,242.26)	0.4% 0.3% 0.3% 0.4% 0.5% 0.5% 0.3% 0.0%
8 9 9 10 3 11 12 12 13 14 15 16 16 17 18 18 19 19 19 17 18 18 19 19 19 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1C 2R 3 CFS 3 IFS 27 7 Firm Sales Firm Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	15,693 0,818,465 20,700,936 219,194 06,524 1,451,662 380,477 0 0 0 169,476 283,174 0 0 0 169,476 390,112 390,113 393,313 377,473 0 0 0	N/A N/A	37.0 57.0 254.0 870.0 133.0 3,272.0 4,876.0 0.0	\$7.00 \$8.00 \$22.00 \$22.00 \$22.00 \$5.00 \$5.00 \$250.00 \$250.00 \$250.00	\$16.67 \$19.36 \$81.50 \$38.95 \$0.00 \$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	(\$9.67) (\$11.36) (\$59.50) (\$374.95) (\$900) (\$994.55) (\$1,242.26) (\$994.55)	\$2.04342 \$1.70521 \$1.65784 \$1.55784 \$1.59481 \$1.44891 \$1.41883 \$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.3169 \$1.31084 \$1.26598 \$0.88754 \$0.84122	\$65.94 \$85.84 \$361.59 \$1,012.53 \$27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$2.05147 \$1.71025 \$1.6229 \$1.59898 \$1.45902 \$1.45902 \$1.31943 \$1.27330 \$1.33444 \$1.333444 \$1.26871 \$0.88754 \$0.84122	\$66.23 \$86.12 \$362.72 \$1,016.16 \$27.97 \$3,585.52 \$5,058.61 (\$994.55)	0.4% 0.3% 0.3% 0.4% 0.5% 0.5% 0.3% 0.0%
9 31 41C F 11 12 13 41C F 12 13 41C F 14 15 15 15 15 15 15 15 15 15 15 15 15 15	2R 3 GFS 3 IFS 27 Firm Sales Interr Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	60.818.465 219.194 20.700.936 219.194 06.5234 1.451,662 2,356,915 2,356,915 0 0 0 0 169.476 0 0 0 6655.308 902.132 333,3331 77,473 0 0 0	N/A N/A	57.0 254.0 870.0 13.0 3,272.0 4,876.0 0.0 4,715.0	\$8.00 \$22.00 \$22.00 \$5.00 \$5.00 \$250.00 \$250.00 \$250.00 \$500.00	\$11.36 \$81.50 \$396.95 \$0.00 \$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	(\$11.36) (\$59.50) (\$374.95) \$9.00 (\$994.55) (\$1,242.26) (\$1,242.26) (\$1,242.26)	\$1.70521 \$1.65784 \$1.59481 \$1.44891 \$1.44891 \$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.3169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	\$85.84 \$361.59 \$1,012.53 \$27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$1.71025 \$1.66229 \$1.59898 \$1.45902 \$1.4252 \$1.36402 \$1.31943 \$1.27330 \$1.38863 \$1.33444 \$1.26871 \$0.88754 \$0.88754	\$86.12 \$362.72 \$1,016.16 \$27.97 \$3,585.52 \$5,058.61 (\$994.55)	0.3% 0.3% 0.4% 0.5% 0.3% 0.3%
10	3 CFS 3 IFS 27 Firm Sales Firm Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	20,700,936 219,194 60,524 1,651,662 2,356,915 380,477 848,324 0 0 0 169,476 283,174 0 0 6655,308 902,132 353,351 77,473 0 0	Ni/A Ni/A Ni/A Ni/A Ni/A Ni/A Ni/A 2,000 all additional 10,000 20,000 20,000 20,000 100,000 500,000 500,000	254.0 870.0 13.0 3,272.0 4,876.0 0.0 4,715.0	\$22.00 \$22.00 \$5.00 \$5.00 \$250.00 \$250.00 \$250.00 \$500.00	\$81.50 \$396.95 \$50.00 \$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26 \$1,244.55	(\$59.50) (\$374.95) \$9.00 (\$994.55) (\$1,242.26) (\$994.55) (\$1,242.26) (\$1,242.26)	\$1.65784 \$1.59481 \$1.44891 \$1.44891 \$1.41883 \$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122	\$361.59 \$1,012.53 \$27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$1.66229 \$1.59898 \$1.45902 \$1.42252 \$1.36402 \$1.31943 \$1.27330 \$1.38863 \$1.33444 \$1.31394 \$1.26871 \$0.88754 \$0.88754	\$362.72 \$1,016.16 \$27.97 \$3,585.52 \$5,058.61 (\$994.55)	0.3% 0.4% 0.5% 0.3% 0.3%
12	27 Firm Sales Firm Sales Interr Sales Interr Sales Firm Trans Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	00,524 1,451,662 2,256,915 380,477 848,324 0 0 0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0	N/A 2,000 all additional 10,000 20,000 100,000 600,000	13.0 3,272.0 4,876.0 0.0 0.0 4,715.0	\$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$500.00	\$0.00 \$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	\$9.00 (\$994.55) (\$1,242.26) (\$994.55) (\$1,242.26) (\$744.55)	\$1.44891 \$1.41883 \$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122	\$27.84 \$3,574.00 \$5,044.73 (\$994.55)	\$1.45902 \$1.42252 \$1.36402 \$1.31943 \$1.27330 \$1.38863 \$1.33444 \$1.26871 \$0.88754 \$0.88754	\$27.97 \$3,585.52 \$5,058.61 (\$994.55)	0.5% 0.3% 0.3% 0.0%
13 41C f 14 15 16 41 F 17 19 41 C f 17 12 24 25 26 27 28 29 31 32 41 F 29 31 42 C f 33 34 35 36 37 39 42 C f 44 44 44 45 46 47 48 48 49 49 50 51 52 42 F 55 55 55 55 42 C f 42 F 42 C f 45 46 47 48 48 49 50 50 51 52 42 C f 42 C f 42 C f 43 44 45 46 47 48 49 50 50 51 52 52 42 C f 42 C f 42 C f 42 C f 43 44 45 46 47 48 49 50 50 50 50 50 50 50 5	Firm Sales Firm Sales Interr Sales Interr Sales Interr Sales Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	1,451,662 2,356,915 848,324 0 0 0 169,476 283,174 0 665,308 902,132 353,351 77,473 0 0	2,000 all additional 10,000 20,000 20,000 100,000 600,000 600,000	3,272.0 4,876.0 0.0 0.0 4,715.0	\$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$500.00	\$1,244.55 \$1,492.26 \$1,244.55 \$1,244.55 \$1,244.55 \$1,492.26	(\$994.55) (\$1,242.26) (\$994.55) (\$1,242.26) (\$744.55)	\$1.41883 \$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	\$3,574.00 \$5,044.73 (\$994.55) (\$1,242.26)	\$1.42252 \$1.36402 \$1.31943 \$1.27330 \$1.38863 \$1.33444 \$1.26871 \$0.88754 \$0.84122	\$3,585.52 \$5,058.61 (\$994.55) (\$1,242.26)	0.3%
141 141 171 181 171 181 171 181 171 181 171 181 171 181 171 181 171 181	Interr Sales Interr Sales Interr Sales Interr Sales Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	2,356,915 380,477 848,324 0 0 0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0 0	all additional 2,000 2,000 10,000 20,000 100,000 600,000	4,876.0 0.0 0.0 4,715.0	\$250.00 \$250.00 \$250.00 \$500.00	\$1,492.26 \$1,244.55 \$1,492.26 \$1,244.55	(\$1,242.26) (\$994.55) (\$1,242.26) (\$744.55)	\$1.36076 \$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122	\$5,044.73 (\$994.55) (\$1,242.26)	\$1.36402 \$1.31943 \$1.27330 \$1.38863 \$1.33444 \$1.31394 \$1.26871 \$0.88754 \$0.84122	\$5,058.61 (\$994.55) (\$1,242.26)	0.3%
15 41 F 17 18 19 41 C 17 18 19 19 41 C 17 19 19 19 19 19 19 19 19 19 19 19 19 19	Interr Sales	TOTAL Block 1 Block 2 Block 3 Block 3 Block 4 Block 5 Block 5 Block 5 Block 6 TOTAL	380,477 848,324 0 0 0 169,476 283,174 0 0 665,308 902,132 333,331 77,473 0	2,000 all additional 1,000 all additional 10,000 20,000 20,000 100,000 600,000	0.0 0.0 4,715.0	\$250.00 \$250.00 \$500.00 \$500.00	\$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	(\$994.55) (\$1,242.26) (\$744.55)	\$1.31637 \$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	\$5,044.73 (\$994.55) (\$1,242.26)	\$1.31943 \$1.27330 \$1.38863 \$1.33444 \$1.26871 \$0.88754 \$0.84122	\$5,058.61 (\$994.55) (\$1,242.26)	0.3%
16 411 F 17 18 19 41 C 17 18 20 20 21 21 21 21 22 411 In 22 25 52 55 41 C F 29 29 31 32 33 32 32 34 54 64 64 64 64 64 64 64 64 64 64 64 64 64	Interr Sales	Block 1 Block 2 TOTAL Block 2 TOTAL Block 1 Block 1 Block 2 TOTAL Block 2 TOTAL Block 2 TOTAL Block 2 TOTAL Block 2 Block 3 Block 3 Block 4 Block 3 Block 5 Block 5 Block 5	848,324 0 0 0 169,476 283,174 0 665,308 902,132 353,351 77,473 0	2,000 all additional 2,000 2,000 20,000 20,000 100,000 600,000	0.0 0.0 4,715.0	\$250.00 \$250.00 \$500.00 \$500.00	\$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	(\$994.55) (\$1,242.26) (\$744.55)	\$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	\$5,044.73 (\$994.55) (\$1,242.26)	\$1.27330 \$1.38863 \$1.33444 \$1.31394 \$1.26871 \$0.88754 \$0.84122	\$5,058.61 (\$994.55) (\$1,242.26)	0.3%
177 19 41C Ir 20 21 21 22 23 24 25 24 25 27 27 27 27 27 27 27 27 27 31 32 34 34 35 36 36 36 37 38 40 42 If 42 If 42 42 42 42 44 44 44 44 45 49 49 49 49 49 49 49 49 49 49 49 49 49	Interr Sales	Block 2 TOTAL Block 1 Block 2 Block 2 Block 3 Block 4 Block 5 Block 4 Block 5 Block 6 TOTAL Block 1	848,324 0 0 0 169,476 283,174 0 665,308 902,132 353,351 77,473 0	2,000 all additional 2,000 2,000 20,000 20,000 100,000 600,000	0.0 0.0 4,715.0	\$250.00 \$250.00 \$500.00 \$500.00	\$1,244.55 \$1,492.26 \$1,244.55 \$1,492.26	(\$994.55) (\$1,242.26) (\$744.55)	\$1.27060 \$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	(\$994.55) (\$1,242.26)	\$1.27330 \$1.38863 \$1.33444 \$1.31394 \$1.26871 \$0.88754 \$0.84122	(\$994.55) (\$1,242.26)	0.0%
19 41C II 20 11 11 11 11 11 11 11 11 11 11 11 11 11	nterr Sales Firm Trans Firm Trans	Block 1 Block 2 TOTAL Block 2 TOTAL Block 1 Block 2 Block 3 Block 2 Block 3 Block 4 Block 5 Block 4 Block 5 Block 6 Block 6 Block 6 Block 6 Block 6 Block 6	0 0 0 0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0 0	2,000 all additional 2,000 all additional 2,000 all additional 2,000 all additional 10,000 20,000 20,000 100,000 600,000	4,715.0 0.0	\$250.00 \$500.00 \$500.00	\$1,492.26 \$1,244.55 \$1,492.26	(\$1,242.26) (\$744.55)	\$1.38551 \$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	(\$994.55) (\$1,242.26)	\$1.38863 \$1.33444 \$1.31394 \$1.26871 \$0.88754 \$0.84122	(\$994.55) (\$1,242.26)	0.0%
20	nterr Sales Firm Trans Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 TOTAL Block 2 TOTAL Block 2 Block 2 Block 3 Block 4 Block 4 Block 5 Block 5 Block 6 TOTAL Block 1 Block 1	0 0 0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0 0	all additional 2,000 all additional 2,000 all additional 2,000 all additional 10,000 20,000 20,000 100,000 600,000	4,715.0 0.0	\$250.00 \$500.00 \$500.00	\$1,492.26 \$1,244.55 \$1,492.26	(\$1,242.26) (\$744.55)	\$1.33169 \$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	(\$994.55) (\$1,242.26)	\$1.33444 \$1.31394 \$1.26871 \$0.88754 \$0.84122	(\$994.55) (\$1,242.26)	0.0%
21	Firm Trans Firm Trans Firm Sales	HOTAL Block 1 Block 2 TOTAL Block 3 Block 4 Block 3 Block 4 Block 5 Block 5 Block 5 Block 1	0 0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0	2,000 all additional 2,000 all additional 2,000 all additional 10,000 20,000 20,000 100,000 600,000	4,715.0	\$500.00	\$1,244.55 \$1,492.26	(\$744.55)	\$1.31084 \$1.26598 \$0.88754 \$0.84122 \$0.87571	(\$1,242.26)	\$1.31394 \$1.26871 \$0.88754 \$0.84122	(\$1,242.26)	0.0%
22 411 lr 22 42 F 42 C F 42 C F 42 C F 42 C F 50 50 50 50 50 50 50 50 50 50 50 50 50	Firm Trans Firm Trans Firm Sales	Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 TOTAL Block 3 Block 3 Block 4 Block 4 Block 5 TOTAL Block 1	0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0	all additional 2,000 all additional 2,000 all additional 10,000 20,000 100,000 600,000	4,715.0	\$500.00	\$1,244.55	(\$744.55)	\$1.26598 \$0.88754 \$0.84122 \$0.87571	(\$1,242.26)	\$1.26871 \$0.88754 \$0.84122	(\$1,242.26)	0.0%
23 41C F 22C	Firm Trans Firm Trans Firm Sales	Block 2 TOTAL Block 1 Block 2 TOTAL Block 2 TOTAL Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 5 Block 5 Block 5 Block 5	0 169,476 283,174 0 0 665,308 902,132 353,351 77,473 0	all additional 2,000 all additional 2,000 all additional 10,000 20,000 100,000 600,000	4,715.0	\$500.00	\$1,244.55	(\$744.55)	\$1.26598 \$0.88754 \$0.84122 \$0.87571		\$1.26871 \$0.88754 \$0.84122		
24	Firm Trans	Block 1 Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 Block 2 Block 3 Block 4 Block 4 Block 5 TOTAL	169,476 283,174 0 0 665,308 902,132 353,351 77,473 0	2,000 all additional 2,000 all additional 10,000 20,000 20,000 100,000 600,000	0.0	\$500.00	\$1,492.26		\$0.88754 \$0.84122 \$0.87571		\$0.88754 \$0.84122		
26 411 F 42C F 33 34 421 F 421 F 43 444 44 44 44 44 44 44 44 44 44 45 46 67 67 67 67 67 67 67 67 67 67 67 67 67	Firm Trans	Block 2 TOTAL Block 1 Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	283,174 0 0 665,308 902,132 353,351 77,473 0	all additional 2,000 all additional 10,000 20,000 20,000 100,000 600,000	0.0	\$500.00	\$1,492.26		\$0.84122		\$0.84122		
27 41 F 22 F 33 A 42 F 42 F 42 F 42 F 42 F 42 F 45 A 42 F 45 A 42 F 45 A 45 A 46 A 47 A 48 A 49 5 5 1 5 5 2 42 F 5 42 F 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Firm Sales	Block 1 Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	0 0 665,308 902,132 353,351 77,473 0	2,000 all additional 10,000 20,000 20,000 100,000 600,000				(\$992.26)	\$0.87571	\$3,314.44		\$3,314.44	0,0%
28 41 F 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Firm Sales	Block 1 Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	0 665,308 902,132 353,351 77,473 0	10,000 20,000 20,000 100,000 600,000				(\$992.26)		\$3,314.44	\$0.87571	\$3,314.44	0,0%
29 30 31 42C F 32 32 33 34 35 36 40 40 41 42 42 43 44 47 48 49 50 51 52 42I F 52 42I	Firm Sales	Block 2 TOTAL Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	0 665,308 902,132 353,351 77,473 0	10,000 20,000 20,000 100,000 600,000				(\$992.26)			\$0.87571		2.070
30 42C F 33 32 33 34 35 36 36 421 F 42 42 43 43 45 42 C F 46 46 49 50 51 51 52 421 F 52 52 52 421 F 52 52 52 52 421 F 52 52 52 52 52 52 52 52 52 52 52 52 52		Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	665,308 902,132 353,351 77,473 0	10,000 20,000 20,000 100,000 600,000	20,815.0	\$1,300.00	\$10.517.74		\$0.83080		\$0.83080		
31 42C f 33 34 35 36 36 37 38 421 F 40 41 42 43 44 45 42 C f 48 49 50 51 51 52 421 F		Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	902,132 353,351 77,473 0	20,000 20,000 100,000 600,000	20,815.0	\$1,300.00	\$10.512.74		\$0.83080	(\$992.26)	\$0.83080	(\$992.26)	0.0%
32 33 34 35 36 37 40 41 42 43 44 45 46 47 48 49 50 51 51 42 F		Block 2 Block 3 Block 4 Block 5 Block 6 TOTAL Block 1	902,132 353,351 77,473 0	20,000 20,000 100,000 600,000	,,			(\$9,212.74)	\$1.17942	(3332.20)	\$1.18129	(\$332.20)	0.0%
34 35 36 37 38 40 41 42 43 44 45 46 47 48 48 49 50 50 51 51 42 42 42 F	Firm Sales	Block 4 Block 5 Block 6 TOTAL Block 1	77,473 0 0	100,000 600,000					\$1.15330		\$1.15497		
35 36 421 F 37 38 421 F	Firm Sales	Block 5 Block 6 TOTAL Block 1	0	600,000					\$1.10137		\$1.10265		
36 37 38 421 F 39 40 41 42 43 44 45 46 47 48 49 50 51 52 421 F	Firm Sales	Block 6 TOTAL Block 1	0						\$1.06716		\$1.06820		
37 38 421 F 40 41 42 43 44 45 46 47 48 49 50 51 52 421 F	Firm Sales	TOTAL Block 1		all additional					\$1.02158 \$0.96459		\$1.02226 \$0.96484		
38 421 F 39 40 41 42 43 44 45 42C F 46 47 48 49 50 51 51 52 421 F	Firm Sales	Block 1		all additional					\$0.96459	\$15,054.40	\$0.96484	\$15,091.16	0.2%
39 40 41 42 43 44 45 46 47 48 49 50 50 51 52 421 F			966,970	10,000	13,556.0	\$1,300.00	\$13,852.77	(\$12,552.77)	\$1.10516	313,034.40	\$1.10738	313,031.10	0.276
41 42 43 44 45 46 47 48 49 50 51 52 421 F			708,323	20,000	.,			. , ,	\$1.08691		\$1.08890		
42 43 44 45 46 47 48 49 50 51 52 42! F		Block 3	102,042	20,000					\$1.05063		\$1.05216		
43 44 45 46 47 48 49 50 51 52 421 F		Block 4	12,115	100,000					\$1.02675		\$1.02797		
44 45 42C F 46 47 48 49 50 51 52 42I F		Block 5 Block 6	0	600,000 all additional					\$0.99494 \$0.95511		\$0.99575 \$0.95542		
45 42C F 46 47 48 49 50 51 52 42I F		TOTAL	U	all additional					\$0.95511	\$2,363.88	\$0.95542	\$2,393.16	1.2%
46 47 48 49 50 51 52 42 F	Firm Trans	Block 1	251,608	10,000	166,388.0	\$1,550.00	\$10,512.74	(\$8,962.74)	\$0.65683	\$2,505.00	\$0.65683	Ç2,333.10	11270
48 49 50 51 52 42I F		Block 2	503,215	20,000				,	\$0.64019		\$0.64019		
49 50 51 52 421 F		Block 3	503,215	20,000					\$0.60706		\$0.60706		
50 51 52 42I F		Block 4	738,618	100,000					\$0.58527		\$0.58527		
51 52 421 F		Block 5 Block 6	0	600,000 all additional					\$0.55621 \$0.51988		\$0.55621 \$0.51988		
52 421 F		TOTAL	0	all additional					30.31300	\$90,192.73	30.31988	\$90,192.73	0.0%
	Firm Trans	Block 1	1,054,570	10,000	86,701.0	\$1,550.00	\$13,852.77	(\$12,302.77)	\$0.65408	330,13E.73	\$0.65408	330,132.73	0.070
		Block 2	1,523,772	20,000					\$0.63772		\$0.63772		
54		Block 3	1,376,179	20,000					\$0.60515		\$0.60515		
55		Block 4	3,236,161	100,000					\$0.58376		\$0.58376		
56 57		Block 5 Block 6	1,132,591	600,000 all additional					\$0.55519 \$0.51950		\$0.55519 \$0.51950		
58		TOTAL	U	ali additional					\$0.51950	\$40,520.01	\$0.51950	\$40,520.01	0.0%
	Interr Sales	Block 1	256,616	10,000	41.596.0	\$1,300.00	\$10,512.74	(\$9,212.74)	\$1.13350	540,520.01	\$1.13495	540,520.01	0.0%
60		Block 2	488,108	20,000	,	,-,	,,-	. , -,	\$1.11259		\$1.11389		l
61		Block 3	219,844	20,000					\$1.07092		\$1.07191		I
62		Block 4	33,747	100,000					\$1.04351		\$1.04431		J
63 64		Block 5 Block 6	0	600,000 all additional					\$1.00702 \$0.96138		\$1.00756 \$0.96157		I
65		TOTAL	U	an additional					30.90138	\$36,792,45	\$0.9012\	\$36,844,43	0.1%
	nterr Sales	Block 1	124,246	10,000	16,942.0	\$1,300.00	\$13,852.77	(\$12,552.77)	\$1.10585	730,732,43	\$1.10767	,50,044.45	5.176
67		Block 2	79,054	20,000	.,.			,	\$1.08791		\$1.08955		l I
68		Block 3	0	20,000					\$1.05223		\$1.05349		I
69		Block 4	0	100,000					\$1.02876		\$1.02976		l l
70		Block 5	0	600,000					\$0.99743		\$0.99809		l l
71 72		Block 6 TOTAL	0	all additional					\$0.95832	\$6,058.00	\$0.95858	\$6,087.59	0.5%
	Inter Trans	Block 1	0	10.000	0.0	\$1,550.00	\$10.512.74	(\$8.962.74)	\$0.64356	\$0,050,00	\$0.64356	\$0,087.59	0.5%
74 42011		Block 2	0	20,000	0.0	,	,,,,,,,,,,,,,	(+-,)	\$0.62832		\$0.62832		J
75		Block 3	0	20,000					\$0.59796		\$0.59796		I
76		Block 4	0	100,000					\$0.57798		\$0.57798		l l
77		Block 5	0	600,000					\$0.55136		\$0.55136		l l
78		Block 6	0	all additional					\$0.51805	(60 oca 7:1	\$0.51805	(60.063.71)	
79 80 421 Ir		TOTAL Block 1	978 826	10.000	81 522 O	\$1.550.00	\$13.852.77	(\$12.302.77)	\$0.64663	(\$8,962.74)	\$0.64663	(\$8,962.74)	0.0%
80 421 Ir 81		Block 2	1,713,725	20,000	81,522.0	\$1,550.00	\$13,832.//	(\$12,302.77)	\$0.63106		\$0.63106		I
82	inter Trans	Block 3	1,330,900	20,000					\$0.60005		\$0.60005		I
83	Inter Trans	Block 4	3,813,650	100,000					\$0.57968		\$0.57968		l l
84	Inter Trans	Block 5	1,945,561	600,000					\$0.55248		\$0.55248		l
85	inter Trans	Block 6	0	all additional					\$0.51848		\$0.51848		l
86	inter Trans			81/8	0.7	£30,000.00		\$38,000.00	\$0.50313	\$37,058.40	\$0.50313	\$37,058.40	0.0%
		TOTAL	0	N/A N/A	0.0	\$38,000.00		\$38,000.00	\$0.50313	\$38,000.00	\$0.50313	\$38,000.00 \$38,000.00	0.0%
	inter Trans		0	1970	0.0	+30,000.00		+30,000.00	+0.30343				0.0%
90 [1] Rat	irm Trans		0									,	0.0%

90	Jources.			
97	Direct Inputs	per Tariff	per Tariff	
98				
99	Rates in summary		Column A	

NWN WUTC Advice 24-08 Exhibit A - Supporting Materials Page 2 of 8

 ^{[90] [1]} Rate Schedule 41 and 42 customers may choose demand char that charges are not included in the calculations for those schedules.
 [2] Assumes customer receives CCA credit.
 [93]

NW Natural Rates & Regulatory Affairs 2024-2025 PGA Filing - Washington: September Filing Summary of Deferred Accounts

10

	Account	Balance 8/31/2024	Sep-Oct Estimated Activity	Sep-Oct Interest	Estimated Balance 10/31/2024	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	8.50%	G = E + F		
1							Excl. Rev Sens		
2	DSM & LOW INCOME PROGRAMS								
3	151822 WA LOW INCOME BILL PAY ASSIST (GREAT)	743,039	0	10,564	753,602				
4	151824 WA GREAT AMORTIZATION	84,232	(46,194)	928	38,967				
5	_	827,271	(46,194)	11,492	792,569	36,963	829,532		829,532
6									
7	151890 WA WA-LIEE PROGRAM	98,201	0	1,396	99,597				
8	151892 AMORT WA-LIEE PROGRAM	8,176	(2,334)	103	5,944				
9	_	106,377	(2,334)	1,499	105,541	4,922	110,463		110,463

Company: Northwest Natural Gas Company

State: Washington

Washington Low Income Bill Pay Assistance (GREAT) Description:

Account Number: 151822

Program under Schedule J

Temp Increment under Schedule 230

Debit (Credit)

1 2

3					Interest			
4	Month/Year	Note	Deferral	Transfers	Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
6								
174	Nov-23 I	NEW (1)	(610.44)	(509,916.13)	8.35%	(16.96)	(510,543.53)	(2,760.13)
175	Dec-23		150,416.80		8.35%	504.12	150,920.92	148,160.79
176	Jan-24		106,001.47		8.50%	1,424.89	107,426.36	255,587.15
177	Feb-24		82,319.53		8.50%	2,101.96	84,421.49	340,008.64
178	Mar-24		14,021.18		8.50%	2,458.05	16,479.23	356,487.87
179	Apr-24		90,635.52		8.50%	2,846.12	93,481.64	449,969.51
180	May-24		147,354.65		8.50%	3,709.17	151,063.82	601,033.33
181	Jun-24		58,209.95		8.50%	4,463.48	62,673.43	663,706.76
182	Jul-24		42,718.97		8.50%	4,852.55	47,571.52	711,278.28
183	Aug-24		26,627.99		8.50%	5,132.53	31,760.52	743,038.80
184	Sep-24				8.50%	5,263.19	5,263.19	748,301.99

8.50%

5,300.47

5,300.47

753,602.46

187 History truncated for ease of viewing

Oct-24

189 Notes

185 186

188

190 **1** - Transferred authorized balance to account 186235 for amortization.

Company: Northwest Natural Gas Company

State: Washington

Description: Amortize Washington Low Income Bill Pay Assistance (GREAT)

Account Number: 151824

Program under Schedule J

Temp Increment under Schedule 230

Debit (Credit)

4	Month/Year Note		Amortization	Transfers	Interest Rate Interest		Activity	Balance	
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)	
189	Nov-23 N	EW (1)	(14,733.32)	509,916.13	8.35%	3,496.91	498,679.72	458,505.92	
190	Dec-23		(64,198.02)		8.35%	2,967.08	(61,230.94)	397,274.98	
191	Jan-24		(79,489.03)		8.50%	2,532.51	(76,956.52)	320,318.46	
192	Feb-24		(70,100.07)		8.50%	2,020.65	(68,079.42)	252,239.04	
193	Mar-24		(59,177.65)		8.50%	1,577.11	(57,600.54)	194,638.50	
194	Apr-24		(39,063.60)		8.50%	1,240.34	(37,823.26)	156,815.24	
195	May-24		(30,200.53)		8.50%	1,003.81	(29,196.72)	127,618.52	
196	Jun-24		(20,486.84)		8.50%	831.41	(19,655.43)	107,963.09	
197	Jul-24		(13,528.51)		8.50%	716.83	(12,811.68)	95,151.41	
198	Aug-24		(11,552.30)		8.50%	633.07	(10,919.23)	84,232.18	
199	Sep-24 F	orecasted	(14,905.07)		8.50%	543.86	(14,361.21)	69,870.97	
200	Oct-24 F	orecasted	(31,288.50)		8.50%	384.11	(30,904.39)	38,966.58	

History truncated for ease of viewing

192 Notes

188 189

191

193 **1** - Transfer in amounts from account 186234 approved for amortization.

Company: Northwest Natural Gas Company

State: Washington

Description: Washington WA-LIEE

Account Number: 151890

Program under Schedule I

Temp Increment under Schedule 230

1 Debit (Credit)

2							2023	2024			2023	2024
3					Interest		Calendar	Calendar	Total		Calendar	Calendar
4	Month/Year	Note	Accumulation	Transfers	Rate	Interest	Interest	Interest	Activity	Balance	Balance	Balance
5												
6												
7	Beginning Balance											
182	Nov-23	1	0.00	(10,620.97)	8.35%	636.98	636.98		(9,983.99)	92,179.49	92,179.49	
183	Dec-23		0.00		8.35%	641.42	641.42		641.42	92,820.91	92,820.91	
184	Jan-24		0.00		8.50%	657. 4 8	645.88	11.60	657.48	93,478.39	93,466.79	11.60
185	Feb-24		0.00		8.50%	662.14	662.06	0.08	662.14	94,140.53	94,128.85	11.68
186	Mar-24		0.00		8.50%	666.83	666.75	0.08	666.83	94,807.36	94,795.60	11.76
187	Apr-24		0.00		8.50%	671.55	671.47	0.08	671.55	95,478.91	95,467.07	11.84
188	May-24		5,113.25		8.50%	694.42	676.23	18.19	5,807.67	101,286.58	96,143.30	5,143.28
189	Jun-24		5,702.52		8.50%	737.64	681.02	56.62	6,440.16	107,726.74	96,824.32	10,902.42
190	Jul-24		0.00		8.50%	763.06	685.84	77.22	763.06	108,489.80	97,510.16	10,979.64
191	Aug-24		0.00		8.50%	768.47	690.70	77.77	768.47	109,258.27	98,200.86	11,057.41
192	Sep-24				8.50%	773.91	695.59	78.32	773.91	110,032.18	98,896.45	11,135.73
193	Oct-24				8.50%	779.39	700.52	78.87	779.39	110,811.57	99,596.97	11,214.60
194												

195 History truncated for ease of viewing

197 **Notes**

196

199

198 **1** - Transferred authorized balance to account 186315 for amortization.

Company: Northwest Natural Gas Company

State: Washington

Description: Washington WA-LIEE Amortization

Account Number: 151892

Program under Schedule I

Temp Increment under Schedule 230

Debit (Credit)

2

3					Interest			
4	Month/Year	Note	Accumulation	Transfers	Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)
6								
176	Nov-23 l	NEW (1)	(743.80)	10,620.97	8.35%	71.32	9,948.49	26,836.73
177	Dec-23		(3,241.85)		8.35%	175.46	(3,066.39)	23,770.34
178	Jan-24		(4,013.32)		8.50%	154.16	(3,859.16)	19,911.18
179	Feb-24		(3,540.21)		8.50%	128.50	(3,411.71)	16,499.47
180	Mar-24		(2,988.55)		8.50%	106.29	(2,882.26)	13,617.21
181	Apr-24		(1,973.01)		8.50%	89.47	(1,883.54)	11,733.67
182	May-24		(1,525.39)		8.50%	77.71	(1,447.68)	10,285.99
183	Jun-24		(1,034.92)		8.50%	69.19	(965.73)	9,320.26
184	Jul-24		(683.77)		8.50%	63.60	(620.17)	8,700.09
185	Aug-24		(584.01)		8.50%	59.56	(524.45)	8,175.64
186	Sep-24 /	Forecasted	(753.22)		8.50%	55.24	(697.98)	7,477.66
187	Oct-24 /	Forecasted	(1,580.61)		8.50%	47.37	(1,533.24)	5,944.42

189 History truncated for ease of viewing

191 Notes

188

190

 $\overline{\text{1}}$ - Transfer in amounts from account 186314 approved for amortization.

NW Natural

Rates & Regulatory Affairs 2024-25 Washington: September Filing

Tariff Advice 24-08: Schedule 230 Effects on Revenue

1		<u>Amount</u>
2		
3	Temporary Increments	
4		
5	Removal of Current Temporary Increments	
6	Amortization of WA Low Income Programs	(548,539)
7		
8	Addition of Proposed Temporary Increments	
9	Amortization of WA Low Income Programs	982,815
10		
11		
12	TOTAL OF ALL COMPONENTS OF RATE CHANGES	\$434,276
13		
14		
15		
16	2023 Washington CBR Normalized Total Revenues	\$121,797,100
17	-	
18	Effect of this filing, as a percentage change	0.36%