

250 SW Taylor Street Portland, OR 97204 503-226-4211 nwnatural.com

July 31, 2023

NWN OPUC Advice No. 23-21 / UG 488

VIA ELECTRONIC FILING

Public Utility Commission of Oregon Attention: Filing Center 201 High Street SE, Suite 100 Post Office Box 1088 Salem, Oregon 97308-1088

Re: REQUEST FOR AMORTIZATION OF CERTAIN NON-GAS COST DEFERRED ACCOUNTS RELATING TO: Excess Deferred Income Taxes

Northwest Natural Gas Company, dba NW Natural ("NW Natural" or "Company"), files herewith revisions and additions to its Tariff, P.U.C. Or. 25,¹ stated to become effective with service on and after November 1, 2023, as follows:

Fourth Revision of Sheet 196-2	Schedule 196	Adjustment for Certain Excess Deferred Income Taxes Related to the 2017 Federal Tax Cuts and Jobs Act (continued)
Second Revision of Sheet 196-3	Schedule 196	Adjustment for Certain Excess Deferred Income Taxes Related to the 2017 Federal Tax Cuts and Jobs Act (continued)

Purpose

The purpose of this filing is to update the temporary amortization of non-plant gas reserves excess deferred income taxes ("EDIT") approved pursuant to the Third Stipulation adopted by the Commission in Order No. 19-105 in docket UG 344 and Order No. 20-364 in docket UG 388 for inclusion in rates effective November 1, 2023. This filing sets the rates for non-plant gas reserves EDIT to zero, as the 3-year amortization has ended. In addition, the Company proposes to update rates for plant EDIT for updated billing determinants.

Background:

This filing is in compliance with ORS 757.259, which authorizes deferred utility expenses or revenues to be allowed (amortized) in rates to the extent authorized by the Public Utility Commission of Oregon ("Commission") in a proceeding to change rates. All of the deferrals included in this filing occurred with appropriate application by Commission authorization, as rate orders or under approved tariffs.

The rate adjustments in Schedule 196 amortize deferred amounts reflecting the net benefit of EDIT associated with: 1) Non-Plant Gas Reserves and 2) Plant, that result from the 2017 federal Tax Cuts and Jobs Act. EDIT related to Non-Plant Gas Reserves are amortized over three years, on a

¹ Tariff P.U.C. Or. 25 originated November 1, 2012 with docket UG 221; Order No. 12-408 as supplemented by Order No. 12-437, and was filed in accordance with ORS 767.205 and OAR 860-022-0005.

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temporary rate, beginning November 1, 2020 and ending October 31, 2023. EDIT related to Plant is currently amortizing \$3 million per year in base rates, prior to any revenue gross up.

Proposed Changes

The net effect of removing the current temporary adjustment for non-plant gas reserves EDIT and setting the rates to zero is an increase of \$3,274,500 in the Company's annual revenues, or 0.44%. There is no impact on the Company's revenues from the resulting updated rates reflecting updated billing determinants.

The monthly bill of the average residential customer served under Rate Schedule 2 using 56 therms will have an increase of \$0.28. The monthly increase for the average industrial Rate Schedule 3 customer using about 1,304 therms is \$9.39, the average industrial Rate Schedule 31 firm sales customer using 5,776 therms will see a monthly increase of about \$24.44, and the average industrial Rate Schedule 32 firm sales customer using about 18,823 therms will see a monthly increase of about \$49.34.

In compliance with OAR 860-022-0025 the Company states that the number of customers affected by the proposed change in this filing is 636,785 residential customers, 61,984 commercial customers, and 845 industrial customers.

Conclusion

In support of this filing, the Company includes supporting materials as part of this filing and will separately submit work papers in electronic format, all of which are incorporated herein by reference.

In accordance with ORS 757.205, copies of this letter and the filing made herewith are available in the Company's main office in Oregon and on its website at www.nwnatural.com.

Please address correspondence on this matter to Lora Bourdo at lora.bourdo@nwnatural.com with copies to the following:

eFiling Rates & Regulatory Affairs NW Natural 250 SW Taylor Street Portland, Oregon 97204 Fax: (503) 220-2579 Telephone: (503) 610-7330 eFiling@nwnatural.com

Sincerely,

NW NATURAL

/s/ Kyle Walker, CPA

Kyle Walker, CPA Rates/Regulatory Senior Manager

Attachment: Exhibit A – Supporting Materials

SCHEDULE 196 ADJUSTMENT FOR CERTAIN EXCESS DEFERRED INCOME TAXES RELATED TO THE 2017 FEDERAL TAX CUTS AND JOBS ACT

(continued)

RATE ADJUSTMENTS:

Effective: November 1, 2023

The effect of this adjustment is included in the temporary rate and base rate for the Non-Plant Gas Reserves and Plant, respectively. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED

The volumetric adjustment applicable to each Rate Schedule is shown in the table below:

Non-Plant Gas Reserves:

Rate Schedule	Block	Temporary Adjustment (per therm)	Rate Schedule	Block	Temporary Adjustment (per therm)
2		\$0.00000	32 ITF	Block 1	\$0.00000
03 CSF		\$0.00000		Block 2	\$0.00000
03 ISF		\$0.00000		Block 3	\$0.00000
27		\$0.00000		Block 4	\$0.00000
31 CSF	Block 1	\$0.00000		Block 5	\$0.00000
	Block 2	\$0.00000		Block 6	\$0.00000
31 CTF	Block 1	\$0.00000	32 CSI	Block 1	\$0.00000
	Block 2	\$0.00000		Block 2	\$0.00000
31 ISF	Block 1	\$0.00000		Block 3	\$0.00000
	Block 2	\$0.00000		Block 4	\$0.00000
31 ITF	Block 1	\$0.00000		Block 5	\$0.00000
	Block 2	\$0.00000		Block 6	\$0.00000
32 CSF	Block 1	\$0.00000	32 ISI	Block 1	\$0.00000
	Block 2	\$0.00000		Block 2	\$0.00000
	Block 3	\$0.00000		Block 3	\$0.00000
	Block 4	\$0.00000		Block 4	\$0.00000
	Block 5	\$0.00000		Block 5	\$0.00000
	Block 6	\$0.00000		Block 6	\$0.00000
32 ISF	Block 1	\$0.00000	32 CTI	Block 1	\$0.00000
	Block 2	\$0.00000		Block 2	\$0.00000
	Block 3	\$0.00000		Block 3	\$0.00000
	Block 4	\$0.00000		Block 4	\$0.00000
	Block 5	\$0.00000		Block 5	\$0.00000
	Block 6	\$0.00000		Block 6	\$0.00000
32 CTF	Block 1	\$0.00000	32 ITI	Block 1	\$0.00000
	Block 2	\$0.00000		Block 2	\$0.00000
	Block 3	\$0.00000		Block 3	\$0.00000
	Block 4	\$0.00000		Block 4	\$0.00000
	Block 5	\$0.00000		Block 5	\$0.00000
	Block 6	\$0.00000		Block 6	\$0.00000
			33 (all)		\$0.00000

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(continue to Sheet 196-3)

Issued July 31, 2023 NWN OPUC Advice No. 23-21 Effective with service on and after November 1, 2023

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SCHEDULE 196 ADJUSTMENT FOR CERTAIN EXCESS DEFERRED INCOME TAXES RELATED TO THE 2017 FEDERAL TAX CUTS AND JOBS ACT

(continued)

<u>Plant:</u>

Rate Schedule	Block	Rate Adjustment (per therm)		Rate Schedule	Block	Rate Adjustment (per therm)
2		(\$0.00690)		32 ITF	Block 1	(\$0.00027)
03 CSF		(\$0.00562)			Block 2	(\$0.00023)
03 ISF		(\$0.00309)			Block 3	(\$0.00016)
27		(\$0.00665)			Block 4	(\$0.00009)
31 CSF	Block 1	(\$0.00297)			Block 5	(\$0.00005)
	Block 2	(\$0.00271)			Block 6	(\$0.00003)
31 CTF	Block 1	(\$0.00282)		32 CSI	Block 1	(\$0.00108)
	Block 2	(\$0.00258)			Block 2	(\$0.00091)
31 ISF	Block 1	(\$0.00207)			Block 3	(\$0.00064)
	Block 2	(\$0.00187)			Block 4	(\$0.00036)
31 ITF	Block 1	(\$0.00226)			Block 5	(\$0.00019)
	Block 2	(\$0.00204)			Block 6	(\$0.00007)
32 CSF	Block 1	(\$0.00211)		32 ISI	Block 1	(\$0.00035)
	Block 2	(\$0.00179)	1		Block 2	(\$0.00029)
	Block 3	(\$0.00125)			Block 3	(\$0.00020)
	Block 4	(\$0.00070)			Block 4	(\$0.00012)
	Block 5	(\$0.00032)	1		Block 5	(\$0.00006)
	Block 6	(\$0.00013)			Block 6	(\$0.00002)
32 ISF	Block 1	(\$0.00030)		32 CTI	Block 1	(\$0.00025)
	Block 2	(\$0.00025)	1		Block 2	(\$0.00021)
	Block 3	(\$0.00018)			Block 3	(\$0.00015)
	Block 4	(\$0.00010)			Block 4	(\$0.00009)
	Block 5	(\$0.00005)			Block 5	(\$0.00005)
	Block 6	(\$0.00002)			Block 6	(\$0.00003)
32 CTF	Block 1	(\$0.00038)		32 ITI	Block 1	(\$0.00025)
	Block 2	(\$0.00032)			Block 2	(\$0.00021)
	Block 3	(\$0.00023)			Block 3	(\$0.00015)
	Block 4	(\$0.00013)			Block 4	(\$0.00009)
	Block 5	(\$0.00008)			Block 5	(\$0.00005)
	Block 6	(\$0.00004)			Block 6	(\$0.00003)
				33 (all)		\$0.00000

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Issued July 31, 2023 NWN OPUC Advice No. 23-21 Effective with service on and after November 1, 2023

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION OF OREGON

NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations Excess Deferred Income Taxes

NWN OPUC Advice No. 23-21 / UG 488

July 31, 2023

NW NATURAL

EXHIBIT A

Supporting Materials

Non-Gas Cost Deferral Amortizations Excess Deferred Income Taxes

NWN OPUC ADVICE NO. 23-21 / UG 488

Description	Page
Effects on Average Bill by Rate Schedule	1
PGA Effects on Revenue	2
Calculation of Increments Allocated on the Equal Percentage of Margin Basis	3

UG 488 - NWN OPUC Advice 23-21 Exhibit A - Supporting Materials 1 of 3

NW Natural Rates & Regulatory Affairs 2023-24 PGA - Oregon: Aug nn: August Filing

ALL V	ts on Average Bill OLUMES IN THER										Advice 23-21 See note [18]
1 2			Oregon PGA Normalized		Normal Therms	Minimum	3/15/2023	3/15/2023	Proposed 11/1/2023	Proposed 11/1/2023	Proposed 11/1/2023
3			Volumes page,	Therms in	Monthly	Monthly	Billing	Current	Gas Reserves EDIT	Gas Reserves EDIT	Gas Reserves EDIT
4		_	Column D	Block	Average use	Charge	Rates	Average Bill	Rates	Average Bill	% Bill Change
5								F=D+(C * E)		AF = D+(C * AE)	AG = (AF- F)/F
6	Schedule	Block	A	B	C	D	E	F	AE	AF	AG
7 8	2R		425,261,320	N/A N/A	56 255	\$8.00	\$1.43686 \$1.18666	\$88.46	\$1.44183 \$1.19163	\$88.74	0.4
° 9	3C Firm Sales 3I Firm Sales		180,723,276 5,242,606	N/A N/A	1,304	\$15.00 \$15.00	\$1.13570	\$317.60 \$1,495.95	\$1.19163	\$318.87 \$1,505.34	0.4
10	27 Dry Out		790,225	N/A	44	\$15.00	\$1.16589	\$59.30	\$1.14250	\$59.52	0.0
11	31C Firm Sales	Block 1	10,541,198	2,000	2,816	\$325.00	\$0.85127	\$2,700.12	\$0.85802	\$2,718.65	0.7
12		Block 2	11,528,162	all additional			\$0.82424		\$0.83040		
13	31C Firm Trans	Block 1	1,150,855	2,000	3,916	\$575.00	\$0.28505	\$1,645.54	\$0.29193	\$1,671.35	1.6
14		Block 2	1,621,395	all additional			\$0.26119		\$0.26748		
15	31I Firm Sales	Block 1	3,851,855	2,000	5,776	\$325.00	\$0.84102	\$5,095.29	\$0.84554	\$5,119.73	0.5
16	2415	Block 2	8,832,261	all additional	<i>с 101</i>	6575.00	\$0.81786	44 005 DC	\$0.82194	42.025.00	
17 18	31I Firm Trans	Block 1 Block 2	153,988 363,573	2,000 all additional	6,161	\$575.00	\$0.24605 \$0.22309	\$1,995.36	\$0.25131 \$0.22784	\$2,025.66	1.5
19	32C Firm Sales	Block 1	31,802,850	10,000	7,043	\$675.00	\$0.76861	\$6,088.29	\$0.77282	\$6,117.97	0.5
20	2201111 50103	Block 2	10,782,597	20,000	,,,,,,	<i></i>	\$0.74322	\$5,000.25	\$0.74678	<i>v</i> 0,117.07	0.5
21		Block 3	2,237,041	20,000			\$0.70109		\$0.70356		
22		Block 4	1,038,828	100,000			\$0.65879		\$0.66016		
23		Block 5	30,626	600,000			\$0.62840		\$0.62899		
24		Block 6	0	all additional			\$0.61401		\$0.61422		
25	32I Firm Sales	Block 1	7,308,477	10,000	18,823	\$675.00	\$0.73013	\$14,247.56	\$0.73296	\$14,296.90	0.3
26		Block 2	7,116,901	20,000			\$0.71078		\$0.71317		
27		Block 3	2,428,784	20,000			\$0.67847		\$0.68012		
28 29		Block 4 Block 5	1,682,852 210,463	100,000 600,000			\$0.64624 \$0.62372		\$0.64716 \$0.62413		
30		Block 6	210,403	all additional			\$0.61239		\$0.61254		
31	32C Firm Trans	Block 0 Block 1	2,586,658	10,000	19,973	\$925.00	\$0.13291	\$3,390.69	\$0.13618	\$3,451.05	1.8
32		Block 2	2,000,143	20,000			\$0.11396	+-,	\$0.11674	+-,	
33		Block 3	713,689	20,000			\$0.08251		\$0.08447		
34		Block 4	908,192	100,000			\$0.05102		\$0.05216		
35		Block 5	22,758	600,000			\$0.03209		\$0.03274		
36		Block 6	0	all additional			\$0.01952		\$0.01985		
37	32I Firm Trans	Block 1	11,491,095	10,000	77,536	\$925.00	\$0.13069	\$7,487.37	\$0.13334	\$7,616.15	1.7
38 39		Block 2 Block 3	16,722,073	20,000 20,000			\$0.11214 \$0.08125		\$0.11439 \$0.08284		
39 40		Block 4	10,683,887 22,101,234	100,000			\$0.05039		\$0.08284		
40		Block 5	23,116,595	600,000			\$0.03179		\$0.03232		
42		Block 6	7,997,925	all additional			\$0.01948		\$0.01975		
43	32C Interr Sales	Block 1	4,812,286	10,000	53,859	\$675.00	\$0.74068	\$38,643.34	\$0.74320	\$38,743.83	0.3
44		Block 2	6,912,175	20,000			\$0.71933		\$0.72146		
45		Block 3	3,915,818	20,000			\$0.68371		\$0.68518		
46		Block 4	6,195,667	100,000			\$0.64806		\$0.64888		
47		Block 5	3,369,903	600,000			\$0.62665		\$0.62708		1
48	201 Inters Cale :	Block 6	0	all additional	42,886	667F 00	\$0.61101	620 744 72	\$0.61115	620 020 07	0.3
49 50	32I Interr Sales	Block 1 Block 2	4,976,544 6,358,575	10,000 20,000	42,886	\$675.00	\$0.72514 \$0.70622	\$30,744.73	\$0.72764 \$0.70833	\$30,830.87	0.3
51		Block 2 Block 3	3,824,879	20,000			\$0.67469		\$0.67615		
52		Block 4	11,455,866	100,000			\$0.64312		\$0.64393		
53		Block 5	6,274,793	600,000			\$0.62420		\$0.62462		
54		Block 6	1,589,833	all additional			\$0.61033		\$0.61047		
55	32C Interr Trans	Block 1	787,487	10,000	198,501	\$925.00	\$0.12584	\$12,252.01	\$0.12845	\$12,470.70	1.8
56		Block 2	1,577,765	20,000			\$0.10802		\$0.11024		1
57		Block 3	946,128	20,000			\$0.07829		\$0.07986		
58 59		Block 4	3,171,260	100,000			\$0.04854		\$0.04945		
59 60		Block 5 Block 6	663,407 0	600,000 all additional			\$0.03070 \$0.01883		\$0.03122 \$0.01909		1
60 61	32I Interr Trans	Block 5 Block 1	6,332,023	10,000	209,965	\$925.00	\$0.01883 \$0.12605	\$12,645.11	\$0.01909	\$12,847.10	1.6
62	Sermen ridits	Block 2	10,799,708	20,000	205,505	<i>2525.</i> 00	\$0.10821	<i>J12,04</i> J.11	\$0.12840	\$12,047.10	1.0
63		Block 3	7,423,918	20,000			\$0.07848		\$0.07989		1
64		Block 4	17,235,563	100,000			\$0.04873		\$0.04955		1
65		Block 5	38,975,154	600,000			\$0.03090		\$0.03137		
66		Block 6	98,124,177	all additional			\$0.01900		\$0.01924		
67	Special Contracts		51,198,641	N/A	0	\$0	\$0.00000	\$0.00	\$0.00000	\$0.00	1

Totals

69 70

71 [1] For convenience of presentation, demand charges for Rate Schedules 31 and 32 have been removed.

72 [2] Tariff Advice Notice 23-05: Non-Gas Cost Deferral Amortizations - Intervenor Funding

73 [3] Tariff Advice Notice 23-06: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee

1,109,965,950

74 [4] Tariff Advice Notice 23-07: Non-Gas Cost Deferral Amortizations - SRRM

75 [5] Tariff Advice Notice 23-08: Non-Gas Cost Deferral Amortizations - Industrial DSM

76 [6] Tariff Advice Notice 23-09: Non-Gas Cost Deferral Amortizations - Decoupling

77 [7] Tariff Advice Notice 23-10: Non-Gas Cost Deferral Amortizations - WARM

78 [8] Tariff Advice Notice 23-11: Non-Gas Cost Deferral Amortization - Corporate Activity Tax (CAT) Amortization

79 [9] Tariff Advice Notice 23-12: Non-Gas Cost Amortization - Net Curtaiment and Entitlement Revenues

80 [10] Tariff Advice Notice 23-13: Non-Gas Cost Amortization - Regulatory Rate Adjustment

81 [11] Tariff Advice Notice 23-14: Non-Gas Cost Amortization - Residenital Rate Mitigation

82 [12] Tariff Advice Notice 23-15: Non-Gas Cost Amortization - RNG Transport Allocation 83 [13] Tariff Advice Notice 23-16: COVID Years 2 & 3

84 [14] Tariff Advice Notice 23-17: Non-Gas Cost Amortization - TSA Security Directive

85 [15] Tariff Advice Notice 23-18: CCI's 86 [16] Tariff Advice Notice 23-19: PGA

87 [17] Tariff Advice Notice 23-20: RNG Adj Mechanism

88 [18] Tariff Advice Notice 23-21: Gas Reserves EDIT

NW Natural Rates & Regulatory Affairs 2023-2024 PGA Filing - Oregon: August Filing PGA Effects on Revenue UG 488: EDIT

1 2 3	Temporary Increments	Including Revenue Sensitive <u>Amount</u>
4	Removal of Current Temporary Increments	
5	Gas Reserve EDIT Amortization Credits	3,724,500
6		
7	Addition of Proposed Temporary Increments	
8	Gas Reserve EDIT Amortization Credits (3-Year Amortization Ended)	0
9		
10		
11	TOTAL OF ALL COMPONENTS OF RATE CHANGES	\$3,724,500
12		
13	2022 Oregon Earnings Test Normalized Total Revenues	\$849,278,042
14		
15	Effect of this filing, as a percentage change (line $11 \div$ line 13)	0.44%

NW Natural Rates & Regulatory Affairs

2022-23 PGA - Oregon: September Filing Calculation of Increments Allocated on the EQUAL PERCENTAGE OF MARGIN BASIS ALL VOLUMES IN THERMS

				2023-24 PGA Volumes page,	Billing Total Billing Rates	WACOG & Gas Costs Column B+C+D*	Temps from Temporary Rates	MARGIN	Volumetric	Customer		Total	Proposed Amount: Revenue Sensitive Multiplier:	Sch 196 Plant EDIT Update Billing Determinants (4,209,798) Plant EDIT already in rates 0.000% add revenue sensitive factor			
		volumes page,	billing Rates	COIDINI B+C+D	Rates	Rate	Margin	Charge	Customers	Margin	Amount to Amortize:		to all firm sales w/ updat				
						E=B-C-D	wargin	charge	customers	Wargin	Amount to Amortize.	Multiplier	Allocation to RS	Increment			
Schedule	Block	А	в	c	D	E	F = E * A	G	н			M	N	0			
2R		425,261,320	\$1.43686	\$0.59247	\$0.16051	\$0.68388	\$290,827,712	\$8.00	636,785	\$351,959,072		1.0	(\$2,933,325)	(\$0.00			
3C Firm Sales		180,723,276	\$1.18666	\$0.59247	\$0.03780	\$0.55639	\$100,552,623	\$15.00	59,172	\$111,203,583	-	1.0	(\$1,015,602)	(\$0.00			
3I Firm Sales		5,242,606	\$1.13570	\$0.59247	\$0.10373	\$0.43950	\$2,304,125	\$15.00	335	\$2,364,425	-	1.0	(\$16,214)	(\$0.0			
27 Dry Out		790,225	\$1.16589	\$0.59247	\$0.07702	\$0.49640	\$392,268	\$8.00	1,489	\$535,212	-	1.0	(\$5,257)	(\$0.0			
31C Firm Sales	Block 1	10,541,198	\$0.85127	\$0.50676	\$0.04002	\$0.30449	\$6,414,403	\$325.00	653	\$8,961,103	-	1.0	(\$62,545)	(\$0.0			
	Block 2	11,528,162	\$0.82424	\$0.50676	\$0.03949	\$0.27799						1.0		(\$0.0			
31C Firm Trans	Block 1	1,150,855	\$0.28505	\$0.00000	\$0.01229	\$0.27276	\$718,332	\$575.00	59	\$1,125,432	-	1.0	(\$7,429)	(\$0.0			
	Block 2	1,621,395	\$0.26119	\$0.00000	\$0.01176	\$0.24943						1.0		(\$0.0			
31I Firm Sales	Block 1	3,851,855	\$0.84102	\$0.50676	\$0.10141	\$0.23285	\$2,752,651	\$325.00	183	\$3,466,351	-	1.0	(\$24,506)	(\$0.0			
	Block 2	8,832,261	\$0.81786	\$0.50676	\$0.10099	\$0.21011						1.0		(\$0.0			
31I Firm Trans	Block 1	153,988	\$0.24605	\$0.00000	\$0.01106	\$0.23499	\$113,434	\$575.00	7	\$161,734		1.0	(\$1,089)	(\$0.0			
	Block 2	363,573	\$0.22309	\$0.00000	\$0.01062	\$0.21247						1.0		(\$0.0			
32C Firm Sales ¹	Block 1	31,802,850	\$0.76861	\$0.50676	\$0.10105	\$0.16080	\$6,849,615	\$675.00	543	\$10,045,984		1.0	(\$89,955)	(\$0.0			
	Block 2	10,782,597	\$0.74322	\$0.50676	\$0.10042	\$0.13604	<i></i>			+==,= .=,= = .		1.0	(+))	(\$0.0			
	Block 3	2,237,041	\$0.70109	\$0.50676	\$0.09940	\$0.09493						1.0		(\$0.0			
	Block 4	1,038,828	\$0.65879	\$0.50676	\$0.09836	\$0.05367						1.0		(\$0.0			
	Block 5	30,626	\$0.62840	\$0.50676	\$0.09761	\$0.02403						1.0		(\$0.0			
	Block 6	0	\$0.61401	\$0.50676	\$0.09727	\$0.00998						1.0		(\$0.0			
32I Firm Sales ¹	Block 1	7,308,477	\$0.73013	\$0.50676	\$0.09833	\$0.12504	\$1,921,317	\$675.00	83	\$1,962,082		1.0	(\$4,558)	(\$0.0			
527 THIL 30(C)	Block 1 Block 2	7,116,901	\$0.71078	\$0.50676	\$0.09815	\$0.12504	1,521,517	JU. 200	05	¥1,302,002		1.0	(0000,=0)	(\$0.0			
	Block 2 Block 3	2,428,784	\$0.71078	\$0.50676	\$0.09815	\$0.10587 \$0.07384						1.0		(\$0.0			
	Block 3 Block 4	1,682,852	\$0.67847	\$0.50676	\$0.09757	\$0.07384 \$0.04191						1.0		(\$0.0			
	Block 5	210,463	\$0.62372	\$0.50676	\$0.09734	\$0.01962						1.0		(\$0.0			
	Block 6	210,403	\$0.61239	\$0.50676	\$0.09723	\$0.01902						1.0		(\$0.0			
32C Firm Trans	Block 1	2,586,658	\$0.13291	\$0.00000	\$0.00742	\$0.12549	\$633,055	\$925.00	26	\$952,026	-	1.0	(\$1,897)	(\$0.0			
520 11111 118113	Block 2	2,000,143	\$0.11396	\$0.00000	\$0.00742	\$0.10675	2033,035	<i>\$525.00</i>	20	\$552,020		1.0	()1,057)	(\$0.0			
	Block 3	713,689	\$0.08251	\$0.00000	\$0.00688	\$0.07563						1.0		(\$0.0			
	Block 4	908,192	\$0.05102	\$0.00000	\$0.00656	\$0.04446						1.0		(\$0.0			
	Block 5	22,758	\$0.03209	\$0.00000	\$0.00636	\$0.02573						1.0		(\$0.0			
	Block 6	22,738	\$0.01952	\$0.00000	\$0.00620	\$0.02373						1.0		(\$0.0			
32I Firm Trans	Block 0 Block 1	11,491,095	\$0.13069	\$0.00000	\$0.00738	\$0.12331	\$5,621,582	\$925.00	99	\$5,960,962	-	1.0	(\$12,191)	(\$0.0			
521 FILTI TTAIIS	Block 1 Block 2	16,722,073	\$0.13009	\$0.00000	\$0.00721	\$0.12331	\$3,021,362	\$923.00	55	\$3,900,902		1.0	(\$12,191)	(\$0.0			
	Block 2 Block 3	10,683,887	\$0.11214 \$0.08125	\$0.00000	\$0.00721	\$0.10493						1.0		(\$0.0			
	Block 3 Block 4	22,101,234	\$0.05039	\$0.00000	\$0.00667	\$0.07431						1.0		(\$0.0			
	Block 5	23,116,595	\$0.03179	\$0.00000	\$0.00649	\$0.02530						1.0		(\$0.0			
	Block 6	7,997,925	\$0.01948	\$0.00000	\$0.00636	\$0.01312						1.0		(\$0.0			
32C Interr Sales	Block 1	4,812,286	\$0.74068	\$0.50676	\$0.09728	\$0.13664	\$2,138,838	\$675.00	39	\$2,454,738	-	1.0	(\$16,903)	(\$0.0			
SEC Intern Suies	Block 2	6,912,175	\$0.71933	\$0.50676	\$0.09690	\$0.11567	<i>\$2,230,030</i>	<i>\$675.00</i>	35	<i>Ş</i> 2,454,750		1.0	(\$10,505)	(\$0.0			
	Block 3	3,915,818	\$0.68371	\$0.50676	\$0.09628	\$0.08067						1.0		(\$0.0			
	Block 4	6,195,667	\$0.64806	\$0.50676	\$0.09565	\$0.04565						1.0		(\$0.0			
	Block 5	3,369,903	\$0.62665	\$0.50676	\$0.09525	\$0.02464						1.0		(\$0.0			
	Block 6	0	\$0.61101	\$0.50676	\$0.09497	\$0.00928						1.0		(\$0.0			
321 Interr Sales	Block 1	4,976,544	\$0.72514	\$0.50676	\$0.09609	\$0.12229	\$2,165,663	\$675.00	67	\$2,708,363		1.0	(\$6,124)	(\$0.0			
	Block 2	6,358,575	\$0.70622	\$0.50676	\$0.09592	\$0.10354	+=,200,000	+ 37 3.00	0,	+ =, , 00,000		1.0	(20,12-1)	(\$0.0			
	Block 3	3,824,879	\$0.67469	\$0.50676	\$0.09566	\$0.07227						1.0		(\$0.0			
	Block 4	11,455,866	\$0.64312	\$0.50676	\$0.09538	\$0.04098						1.0		(\$0.0			
	Block 5	6,274,793	\$0.62420	\$0.50676	\$0.09523	\$0.02221						1.0		(\$0.0			
	Block 6	1,589,833	\$0.61033	\$0.50676	\$0.09510	\$0.00847						1.0		(\$0.0			
32C Interr Trans	Block 1	787,487	\$0.12584	\$0.00000	\$0.00706	\$0.11878	\$470,528	\$925.00	3	\$503,828		1.0	(\$974)	(\$0.0			
	Block 2	1,577,765	\$0.10802	\$0.00000	\$0.00693	\$0.10109	+	÷====00	-	<i>+,520</i>		1.0	(+=)	(\$0.0			
	Block 3	946,128	\$0.07829	\$0.00000	\$0.00668	\$0.07161						1.0		(\$0.0			
	Block 4	3,171,260	\$0.04854	\$0.00000	\$0.00643	\$0.04211						1.0		(\$0.0			
	Block 5	663,407	\$0.03070	\$0.00000	\$0.00628	\$0.02442						1.0		(\$0.0			
	Block 6	0005,407	\$0.01883	\$0.00000	\$0.00617	\$0.01266						1.0		(\$0.0			
32I Interr Trans	Block 0 Block 1	6,332,023	\$0.12605	\$0.00000	\$0.00722	\$0.11883	\$5,297,225	\$925.00	71	\$6,085,325	1	1.0	(\$11,228)	(\$0.0			
	Block 2	10,799,708	\$0.10821	\$0.00000	\$0.00722	\$0.10113	وععر ، وعروب	<i>\$525.00</i>	· -	<i>40,003,323</i>		1.0	(711,220)	(\$0.0			
	Block 3	7,423,918	\$0.07848	\$0.00000	\$0.00684	\$0.07164						1.0		(\$0.0			
	Block 4	17,235,563	\$0.04873	\$0.00000	\$0.00661	\$0.04212						1.0		(\$0.0			
	Block 5	38,975,154	\$0.03090	\$0.00000	\$0.00646	\$0.04212						1.0		(\$0.0			
	Block 6	98,124,177	\$0.03090	\$0.00000	\$0.00646	\$0.02444						1.0		(\$0.0			
33	DIOCK U	98,124,177	\$0.01900	\$0.00000	\$0.00034	\$0.01266	\$0	\$38,000.00	0	\$0		1.0	\$0	\$0.0			
55		0	20.00303	30.00000	<i>30.00011</i>		30	÷30,000.00	0	30		1.0	νų	30.0			
TOTALS		1,058,767,309				s	429,173,371		Ş	510,450,220		\$ 510,450,220	\$ (4,209,798)				
Sources for line 2 abo	ove:	1,000,101,009				ŝ	37,400,768		ç	46,752,353		\$ 510,450,220	÷ (4,205,750)				
2 abt						ļ	37,400,700		Ş			Line 67					
nputs page																	

Note: Allocation to rate schedules or blocks with zero volumes is calculated on an overall margin percentage change basis.
* Since Billing Rates for all schedules above 31 do not include demand, column c for those schedules is WACOG only

76 ¹Rate schedule 32 firm service includes as total margin the storage and distrubtion capacity charges and are derived using MDDV therm usages