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November 15, 2024

NWN OPUC Advice No. 24-22

VIA ELECTRONIC FILING

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

**Re: Schedule 301 – Public Purpose Funding Surcharge
Schedule 335 – Bill Discount Program Cost Recovery**

Northwest Natural Gas Company, dba NW Natural (NW Natural or Company), files herewith the following revisions to its Tariff P.U.C. Or. 25, stated to become effective on January 1, 2025.

Twelfth Revision of Sheet 301-1	Schedule 301	Public Purpose Funding Surcharge
Third Revision of Sheet 335-1	Schedule 335	Bill Discount Program Cost Recovery

Purpose

The purpose of this filing is twofold: 1) to revise Schedule 301 to update the rate to reflect the Energy Trust of Oregon’s forecasted budget, and 2) to revise Schedule 335 to reflect NW Natural’s current forecast for the Bill Discount Program.

Background

Through Schedule 301, costs are recovered to support three NW Natural programs: Schedule 310 Oregon Low-Income Gas Assistance (OLGA), Schedule 320 OLIEE, and Schedule 350 Energy Efficiency Services and Programs (delivered and administered by the Energy Trust of Oregon (ETO)). Schedule 335 Bill Discount Program Cost Recovery is an automatic adjustment clause tariff schedule that supports the cost of NW Natural’s Bill Discount Program, which was established November 1, 2022.

Proposed Changes

1. Schedule 301 – Change the rate from 3.34% to 2.81% for Schedule 350 Energy Efficiency Services and Programs – Residential and Commercial, to reflect the Energy Trust of Oregon forecasted budget.
2. Schedule 335 – Update the per-bill charges in this automatic adjustment clause tariff schedule as detailed below to reflect the current forecast for the bill discount program and true-up the prior year balance in the balancing account.

Schedule 301 – ETO Energy Efficiency Programs Update

NW Natural proposes to revise the portion of public purpose funds allocated to the ETO for the administration of residential and commercial energy efficiency programs from 3.34% to 2.81%. This change is intended to provide the ETO with approximately \$25 million dollars of total program funding in 2025, which is sufficient to acquire nearly 3.12 million of therm savings.

Schedule 335 – Bill Discount Program Update

NW Natural’s residential Bill Discount Program was launched on November 1, 2022. Since then, 50,439 customers have enrolled in the program. Collections for the cost of the bill discounts provided by the Bill Discount Program are achieved through a per-bill charge through Schedule 335, supported by a deferred balancing account that is updated annually. The spread of the costs to be collected are allocated on an equal percent of margin basis not to exceed a monthly bill of \$94.00 per customer for Schedule 31 and 32, per Commission Order No. 24-359. NW Natural estimates a forecast of \$20.3 million needed for 2025 bill discount funding, which, when added to the \$824 thousand balancing account balance, results in a total of \$21.1 million to be collected through Schedule 335, exclusive of revenue-sensitive impacts,

Combined Effects of All Changes

Attached are worksheets demonstrating the calculations of the proposed rates and the impacts this will have on customer bills. Bill impacts are summarized in the table below. Please see Exhibit A for the impacts for all rate schedules, as bill impacts may vary by service and type.

Class	Rate Schedule	Customers	Average Monthly Bill Change (\$)	Average Monthly Bill Change (%)
Residential	Schedule 2	640,507	\$0.59	0.7%
Commercial	Schedule 3	59,551	\$2.20	0.7%
Commercial	Schedule 27	1,685	\$0.36	0.7%
Commercial Firm Sales	Schedule 31	658	\$11.15	0.5%
Industrial Firm Sales	Schedule 32	88	\$32.38	0.2%

Conclusion

NW Natural respectfully requests that the Commission approve these tariff changes to become effective January 1, 2025.

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

Please address correspondence on this matter to me with copies to the following:

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Respectfully submitted,

/s/ Kyle T. Walker

Kyle T. Walker, CPA
Senior Manager, Rates and Regulatory Affairs

Enclosures

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Twelfth Revision of Sheet 301-1
Cancels Eleventh Revision of Sheet 301-1

SCHEDULE 301 PUBLIC PURPOSES FUNDING SURCHARGE

PURPOSE:

To specify the method of billing of a Public Purposes surcharge that is to fund public purposes activities to be administered through one or more independent entities. Public purposes activities include, but may not necessarily be limited to, energy efficiency programs, market transformation programs, residential low-income energy efficiency programs, and residential low-income bill payment assistance programs designed to benefit Residential and Commercial Customers within NW Natural's service territory in Oregon.

APPLICABLE:

To Residential and Commercial Customers served on the following Rate Schedules of this Tariff:

Residential	Commercial
Rate Schedule 2	Rate Schedule 3 (03CSF)
	Rate Schedule 27 (27R)
	Rate Schedule 31 (31CSF)

ADJUSTMENT TO RATES: Effective: January 1, 2025

A Public Purposes surcharge will be assessed on the total energy use billed (the total of the Customer Charge plus the per therm usage charges) and shown as a line item on each customer's monthly bill as follows:

Residential: 3.56% of the total energy use billed

Commercial: 2.81 of the total energy use billed

The funds collected from such Public Purposes surcharge shall be allocated to specific separate accounts to fund the specified public purposes program(s) as follows:

RESIDENTIAL:

2.81% will support public purpose funding for **Schedule 350** energy efficiency programs delivered and administered by the Energy Trust of Oregon (Energy Trust).

0.75% will support public purpose funding for **Schedule 310** low-income bill payment assistance activities.

0.0% will support public purpose funding for **Schedule 320** low-income energy efficiency activities.

COMMERCIAL:

2.81% will support public purpose funding for **Schedule 350** energy efficiency programs delivered and administered by the Energy Trust.

0.0% will support public purpose funding for **Schedule 320** low-income energy efficiency activities.

(continue to Sheet 301-2)

Issued November 15, 2024
NWN OPUC Advice No. 24-22

Effective with service on
and after January 1, 2025

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Third Revision of Sheet 335-1
Cancels Second Revision of Sheet 335-1

SCHEDULE 335 BILL DISCOUNT PROGRAM COST RECOVERY

PURPOSE:

This Schedule recovers the costs of the Company's Bill Discount Program offered under **Schedule 330** "Residential Bill Discount Program – Optional for Qualifying Customers". This Adjustment Schedule is implemented as an automatic adjustment clause as provided for under ORS 757.210.

APPLICABILITY:

This Schedule applies to all bills of customers taking service on the rate schedules listed below:

APPLICATION TO RATES:

Effective: **January 1, 2025**

(C)

A charge will be assessed on each bill for the applicable Rate Schedules:

Rate Schedule	Charge per Bill
2	\$1.97
3	\$7.09
27	\$1.17
31	\$49.96
32	\$94.00

(I)

(I)

There is a maximum rate cap of \$94/month for rate schedules 31 and 32 customers (individually, not as a combined class of rate schedule 31 and rate schedule 32). The costs will be allocated to all rate schedules on an equal percent of margin basis. In the event that the costs of the program reach the cap for rate schedule 31, the costs allocated to rate schedule 31 in excess of the cap will be spread on an equal percent of margin basis to all non-capped rate schedules. In the event that the costs of the program reach the cap for rate schedule 32, the costs allocated to rate schedule 32 in excess of the cap will be spread on an equal percent of margin basis to all non-capped rate schedules. Allocation of this schedule was included in Commission Order No. 24-359.

(T)

(T)

GENERAL TERMS:

Service under this Schedule is governed by the terms of this Schedule, the General Rules and Regulations contained in this, any other schedules that by their terms or by the terms of this Schedule apply to service under this Schedule, and by all rules and regulations prescribed by regulatory authorities, as amended from time to time.

Issued November 15, 2024
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Effective with service on
and after January 1, 2025

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

NW NATURAL SUPPORTING MATERIALS

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NW NATURAL

EXHIBIT A

Supporting Materials

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NW Natural
Rates & Regulatory Affairs
OPUC Advice No. 24-22 - Public Purpose Charges
Oregon Bill Impacts of 2025 Public Purpose Charges

1				
2		Monthly bill	ETO related	Monthly bill
3		<u>w/out PPC</u>	<u>PPC charge</u>	<u>w/ PPC</u>
4	<u>Residential</u>			
5	Current Bill (ETO PPC = 3.34%)	\$82.99	\$2.77	\$85.76
6	Proposed Bill (ETO PPC = 2.81%)	\$82.99	\$2.33	\$85.32
7	\$ Change		(\$0.44)	(\$0.44)
8	% Change		-15.9%	-0.5%
9	RS2 using average therms/month:	55		
10				
11				
12	<u>Commercial</u>			
13	Current Bill (ETO PPC = 3.34%)	\$311.62	\$10.41	\$322.03
14	Proposed Bill (ETO PPC = 2.81%)	\$311.62	\$8.76	\$320.38
15	\$ Change		(\$1.65)	(\$1.65)
16	% Change		-15.9%	-0.5%
17	RS3 using average therms/month:	251		
18				
19				
20	<u>Notes:</u>			
21	Current Bill (ETO PPC = 3.34%)			
22	Proposed Bill (ETO PPC = 2.81%)			

NW Natural
OPUC Advice No. 24-22
Schedule 301

ETO-Related PPC Calculation

Schedule	customers	Estimated collection for tracker year	Addition for new PPC charge	Current average bill with new PPC	Current average bill with old PPC	Total % Bill Change
2R	640,507	\$ 638,309,183	\$ 2.33	\$ 85.32	\$ 85.76	-0.50%
27 dry-out	1,685	\$ 1,035,719	\$ 1.45	\$ 52.99	\$ 53.26	-0.50%
3C Firm Sales	59,212	\$ 221,742,636	\$ 8.76	\$ 320.38	\$ 322.03	-0.50%
31C Firm Sales	658	\$ 18,893,719	\$ 68.31	\$ 2,499.40	\$ 2,512.29	-0.50%
Total expected collection		<u>\$ 879,981,257</u>				
PPC 1 year		<u>\$ 24,725,675</u>				
Proposed ETO PPC Rate		2.81%				
Current ETO related PPC		3.34%				
Change		-0.53%				
% Change in Rate		-15.9%				

NW Natural
Rates & Regulatory Affairs
Estimate for 2025 Oregon Bill Discount Program

From PGA and UG 490

Average Residential use	660
RS 2 Fixed - Single Family*	\$10.00
RS 2 Volumetric	\$1.33108
Average monthly bill	\$83.21
Average annual bill	\$998.51

From GL

Account 151919 balance Oct 2024 **\$823,990.15** amount under-collected

Analysis and other data

Sep 2024 Residential Customers	638,230
BDP count at Sep 2024	50,439
BDP count as % of res customers	7.90%
From EBA - est. low income customers	71,000
BDP count as % of low-income customers	71.0%

Amount to collect 2025

Previous under-collection	\$823,990.15
Forecast for 2025	\$20,311,539.96
Total	\$21,135,530.11 excludes revenue-sensitive costs

Forecast for 2025

Forecast 80% low income customers	56,800
Growth from Sep 2024	6,361
half-year convention on growth	3,181

Disc tiers	% discount	Tier distribution % at Sep 2024	Annual cost of current participants	Incremental Cost for 2025	Total cost for 2025 update
Level - 85%	85.0%	15.7%	\$6,720,272	\$423,756	\$7,144,028
Level - 50%	50.0%	22.8%	\$5,735,941	\$361,688	\$6,097,628
Level - 30%	30.0%	26.5%	\$4,005,323	\$252,561	\$4,257,884
Level - 15%	15.0%	35.0%	\$2,645,203	\$166,797	\$2,812,000
			\$19,106,738	\$1,204,801	\$20,311,540

NW Natural
 Rates & Regulatory Affairs
 Bill Discount Program - Rate Spread and Rate Allocation
 For Rates Effective January 1, 2025
 Calculation of Temporary Rate Adjustments: Low Income Bill Discount Program
 Allocated on an EQUAL PERCENTAGE OF MARGIN Basis

2025 Forecast:	\$20,311,539.96
GL 151919 (as of 10/31/2024)	\$823,990.15

Schedule	Block	2024-25		11/1/2024		11/1/2024		Bill Discount Program -- Allocation for Fixed Rate		Bill Discount Program -- Additional Allocation over \$94			
		OR PGA	MARGIN	CURRENT	CURRENT	Customer	Test Year	CURRENT	Proposed Amount:	Temp Rate Adjustment	Temp Rate Adjustment		
		Volumes	Rate	Volumetric	Charge	Customers	Customers	Margin	Revenue Sensitive Multiplier:	add revenue sensitive factor	add revenue sensitive factor		
									Amount to Amortize:	21,797,054	to all customers	238,967	to all customers
									Multiplier	Allocation to RS	Multiplier	Allocation to RS	
		A	B	C	D	E	F	G	H	G	H		
2 R		423,059,269	\$0.80858	\$ 342,077,264	\$ 9.78	640,507	\$ 417,260,715	1.0	\$14,969,615	1.0	\$174,193		
3 CFS		178,618,735	\$0.70824	\$ 126,504,933	\$ 15.00	59,212	\$ 137,163,093	1.0	\$4,920,853	1.0	\$57,261		
3 IFS		5,103,738	\$0.48338	\$ 2,467,045	\$ 15.00	339	\$ 2,528,065	1.0	\$90,697	1.0	\$1,055		
27		742,733	\$0.65934	\$ 489,714	\$ 8.00	1,685	\$ 651,474	1.0	\$23,372	1.0	\$272		
31C Firm Sales	Block 1	12,281,908	\$0.34603	\$ 4,249,909	\$ 325.00	658	\$ 9,994,099	1.0	\$358,548	1.0	\$4,172		
	Block 2	10,043,265	\$0.31643	\$ 3,177,990				1.0		1.0			
31C Firm Transpt	Block 1	1,267,742	\$0.30236	\$ 384,582	\$ 575.00	59	\$ 1,177,727	1.0	\$42,252	1.0	\$492		
	Block 2	1,392,960	\$0.27714	\$ 386,045				1.0		1.0			
31I Firm Sales	Block 1	3,698,785	\$0.26444	\$ 978,107	\$ 325.00	174	\$ 3,484,079	1.0	\$124,995	1.0	\$1,454		
	Block 2	7,639,515	\$0.23920	\$ 1,827,372				1.0		1.0			
31I Firm Transpt	Block 1	144,356	\$0.25882	\$ 37,362	\$ 575.00	6	\$ 160,964	1.0	\$5,775	1.0	\$67		
	Block 2	351,741	\$0.23370	\$ 82,202				1.0		1.0			
32C Firm Sales	Block 1	34,618,514	\$0.18901	\$ 6,543,245	\$ 675.00	520	\$ 12,475,814	1.0	\$447,581	1.0	\$0		
	Block 2	9,360,021	\$0.16083	\$ 1,505,469				1.0		1.0			
	Block 3	1,566,490	\$0.11402	\$ 178,611				1.0		1.0			
	Block 4	544,281	\$0.06704	\$ 36,489				1.0		1.0			
	Block 5	0	\$0.03329	\$ -				1.0		1.0			
	Block 6	0	\$0.01729	\$ -				1.0		1.0			
32I Firm Sales	Block 1	8,547,588	\$0.14181	\$ 1,212,133	\$ 675.00	88	\$ 3,243,390	1.0	\$116,360	1.0	\$0		
	Block 2	7,603,172	\$0.12100	\$ 919,984				1.0		1.0			
	Block 3	2,763,051	\$0.08621	\$ 238,230				1.0		1.0			
	Block 4	3,005,494	\$0.05154	\$ 154,903				1.0		1.0			
	Block 5	195,767	\$0.02733	\$ 5,350				1.0		1.0			
	Block 6	0	\$0.01514	\$ -				1.0		1.0			
32C Firm Transpt	Block 1	2,721,537	\$0.13631	\$ 370,973	\$ 925.00	27	\$ 1,001,277	1.0	\$35,922	1.0	\$0		
	Block 2	2,020,003	\$0.11547	\$ 233,250				1.0		1.0			
	Block 3	707,859	\$0.08084	\$ 57,222				1.0		1.0			
	Block 4	869,038	\$0.04618	\$ 40,132				1.0		1.0			
	Block 5	0	\$0.02535	\$ -				1.0		1.0			
	Block 6	0	\$0.01154	\$ -				1.0		1.0			
32I Firm Transpt	Block 1	11,657,702	\$0.12845	\$ 1,497,432	\$ 925.00	101	\$ 6,859,902	1.0	\$246,105	1.0	\$0		
	Block 2	17,056,306	\$0.10882	\$ 1,856,067				1.0		1.0			
	Block 3	10,569,490	\$0.07613	\$ 804,655				1.0		1.0			
	Block 4	22,324,991	\$0.04345	\$ 970,021				1.0		1.0			
	Block 5	22,115,808	\$0.02378	\$ 525,914				1.0		1.0			
	Block 6	7,865,614	\$0.01077	\$ 84,713				1.0		1.0			
32C Interr Sales	Block 1	4,649,733	\$0.15649	\$ 727,637	\$ 675.00	39	\$ 2,733,463	1.0	\$98,066	1.0	\$0		
	Block 2	6,816,872	\$0.13340	\$ 909,371				1.0		1.0			
	Block 3	3,782,502	\$0.09484	\$ 358,732				1.0		1.0			
	Block 4	5,561,835	\$0.05627	\$ 312,964				1.0		1.0			
	Block 5	3,284,822	\$0.03314	\$ 108,859				1.0		1.0			
	Block 6	0	\$0.01622	\$ -				1.0		1.0			
32I Interr Sales	Block 1	4,653,469	\$0.13734	\$ 639,107	\$ 675.00	55	\$ 2,698,989	1.0	\$96,829	1.0	\$0		
	Block 2	6,055,122	\$0.11720	\$ 709,660				1.0		1.0			
	Block 3	3,505,859	\$0.08364	\$ 293,230				1.0		1.0			
	Block 4	9,726,364	\$0.05005	\$ 486,805				1.0		1.0			
	Block 5	4,171,536	\$0.02989	\$ 124,687				1.0		1.0			
	Block 6	0	\$0.01514	\$ -				1.0		1.0			
32C Inter Transpt	Block 1	832,778	\$0.12451	\$ 102,444	\$ 925.00	3	\$ 531,837	1.0	\$19,080	1.0	\$0		
	Block 2	1,679,150	\$0.10548	\$ 177,117				1.0		1.0			
	Block 3	978,518	\$0.07378	\$ 72,195				1.0		1.0			
	Block 4	3,232,735	\$0.04204	\$ 135,904				1.0		1.0			
	Block 5	472,307	\$0.02303	\$ 10,877				1.0		1.0			
	Block 6	0	\$0.01037	\$ -				1.0		1.0			
32I Inter Transpt	Block 1	6,144,023	\$0.12235	\$ 751,721	\$ 925.00	73	\$ 5,602,791	1.0	\$201,005	1.0	\$0		
	Block 2	10,403,074	\$0.10364	\$ 1,078,175				1.0		1.0			
	Block 3	6,958,044	\$0.07249	\$ 504,389				1.0		1.0			
	Block 4	15,417,391	\$0.04129	\$ 636,584				1.0		1.0			
	Block 5	35,960,832	\$0.02261	\$ 813,074				1.0		1.0			
	Block 6	99,266,501	\$0.01016	\$ 1,008,548				1.0		1.0			
33 Transpt		0	\$0.00338	\$ -	\$38,250.00	0	\$ -	0.0	\$0	0.0	\$0		
Intentionally blank													
Intentionally blank													
Totals		1,044,001,718	\$	509,859,388		703,546	\$ 607,567,679	607,567,679	\$21,797,055 (\$1)	572,420,216	\$238,966 \$1		

Sources for line 2 above:

Inputs page

Tariff Schedules:

Schedule #

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

NW Natural
 Rates & Regulatory Affairs
 Bill Discount Program - Rate Spread and Rate Allocation
 For Rates Effective January 1, 2025
 Development of Temporary Fixed Customer Charge Proposed Changes

Proposal: Apply the temporary fixed charge changes based on the following rate classes

- 02 Residential
- 03 General Service Commercial and Industrial
- 27 Residential Dry-Out
- 31 Rate Class 31: All Schedules
- 32 Rate Class 32: All Schedules

	Equal % Margin	Test Year Avg Customers	Fixed Charge Per Bill	Annual Per Customer	Forecasted Collection
2 R	\$14,969,615	640,507	\$ 1.95	\$ 23.40	\$ 14,987,864
3C/31	\$5,011,550	59,551	\$ 7.01	\$ 84.12	\$ 5,009,430
27	\$23,372	1,685	\$ 1.16	\$ 13.92	\$ 23,455
31 Rate Class	\$531,570	897	\$ 49.38	\$ 592.56	\$ 531,526
32 Rate Class	\$1,260,948	906	\$ 115.98	\$ 1,391.76	\$ 1,260,935
TOTALS	\$21,797,055	703,546			\$21,813,210

\$94 Cap Calculation

Cap	\$ 94.00				
Sch 31	\$ 49.38	\$ 44.62		480,290	
Sch 32	\$ 115.98	\$ (21.98)		(238,967)	

	Equal % Margin	Test Year Avg Customers
2 R	\$174,193	640,507
3C/31	\$58,316	59,551
27	\$272	1,685
31 Rate Class	\$6,185	897
32 Rate Class	\$0	906
TOTALS	\$238,966	703,546

	Equal % Margin	Test Year Avg Customers	Fixed Charge Per Bill	Annual Per Customer	Forecasted Collection
Final Fixed Charge					
2 R	\$15,143,808	640,507	\$ 1.97	\$ 23.64	\$ 15,141,585
3C/31	\$5,069,866	59,551	\$ 7.09	\$ 85.08	\$ 5,066,599
27	\$23,644	1,685	\$ 1.17	\$ 14.04	\$ 23,657
31 Rate Class	\$537,755	897	\$ 49.96	\$ 599.52	\$ 537,769
32 Rate Class	\$1,021,981	906	\$ 94.00	\$ 1,128.00	\$ 1,021,968
TOTALS	\$21,797,054	703,546			\$21,791,579

projected overall collection (shortfall)

(\$5,475) --> Note: Over collection (shortfall) in collection is due to the fact that fixed customer charges must be rounded to the full cent.

NW Natural
 Rates & Regulatory Affairs
 Bill Discount Program - Rate Spread and Rate Allocation
 For Rates Effective January 1, 2025
 Program Effects on Average Bill by Rate Schedule [1]

										BILL DISCOUNT PROGRAM PGA 2024-25 VOLUMES			
		PGA 2024-25 Oregon Normalized Volumes	Therms in Block	CURRENT Normal Therms Monthly Average use	CURRENT Minimum Monthly Charge	CURRENT Temporary Monthly Charge	PROPOSED Temporary Monthly Charge	Current 11/1/2024 Billing Rates	Current 11/1/2024 Average Bill	I=E+F+(D *H)	CURRENT 11/1/2024 Rates	PROPOSED 1/1/2025 Average Bill	PROPOSED 1/1/2025 % Bill Change
Schedule	Block	A	C	D	E	F	G	H	I	J	K	L	
2 R		423,059,269	N/A	55.0	\$9.78	\$0.94	\$1.97	\$1.33108	\$83.93	\$1.33108	\$84.96	1.20%	
3 CFS		178,618,735	N/A	251.0	\$15.00	\$3.24	\$7.09	\$1.18176	\$314.86	\$1.18176	\$318.71	1.20%	
3 IFS		5,103,738	N/A	1,255.0	\$15.00	\$3.24	\$7.09	\$1.05417	\$1,341.22	\$1.05417	\$1,345.07	0.30%	
27		742,733	N/A	37.0	\$8.00	\$0.54	\$1.17	\$1.17668	\$52.08	\$1.17668	\$52.71	1.20%	
31C Firm Sales	Block 1	12,281,908	2,000	2,827.0	\$325.00	\$25.92	\$49.96	\$0.74499	\$0.74499	\$0.74499	\$0.74499		
	Block 2	10,043,265	all additional					\$0.71467		\$0.71467			
	TOTAL								\$2,431.93		\$2,455.97	1.0%	
31C Firm Transpt	Block 1	1,267,742	2,000	3,758.0	\$575.00	\$25.92	\$49.96	\$0.31490	\$0.31490	\$0.31490	\$0.31490		
	Block 2	1,392,960	all additional					\$0.28781		\$0.28781			
	TOTAL								\$1,736.69		\$1,760.73	1.4%	
31I Firm Sales	Block 1	3,698,785	2,000	5,430.0	\$325.00	\$25.92	\$49.96	\$0.72950	\$0.72950	\$0.72950	\$0.72950		
	Block 2	7,639,515	all additional					\$0.70365		\$0.70365			
	TOTAL								\$4,223.44		\$4,247.48	0.6%	
31I Firm Transpt	Block 1	144,356	2,000	6,890.0	\$575.00	\$25.92	\$49.96	\$0.26830	\$0.26830	\$0.26830	\$0.26830		
	Block 2	351,741	all additional					\$0.24243		\$0.24243			
	TOTAL								\$2,323.00		\$2,347.04	1.0%	
32C Firm Sales	Block 1	34,618,514	10,000	7,386.0	\$675.00	\$61.62	\$94.00	\$0.65293	\$0.65293	\$0.65293	\$0.65293		
	Block 2	9,360,621	20,000					\$0.62396		\$0.62396			
	Block 3	1,566,490	20,000					\$0.57579		\$0.57579			
	Block 4	544,281	100,000					\$0.52745		\$0.52745			
	Block 5	0	600,000					\$0.49273		\$0.49273			
	Block 6	0	all additional					\$0.47626		\$0.47626			
	TOTAL								\$5,559.16		\$5,591.54	0.6%	
32I Firm Sales	Block 1	8,547,588	10,000	20,942.0	\$675.00	\$61.62	\$94.00	\$0.60345	\$0.60345	\$0.60345	\$0.60345		
	Block 2	7,603,172	20,000					\$0.58223		\$0.58223			
	Block 3	2,763,251	20,000					\$0.54675		\$0.54675			
	Block 4	3,005,494	100,000					\$0.51141		\$0.51141			
	Block 5	195,767	600,000					\$0.48672		\$0.48672			
	Block 6	0	all additional					\$0.47429		\$0.47429			
	TOTAL								\$13,141.88		\$13,174.26	0.2%	
32C Firm Transpt	Block 1	2,721,537	10,000	19,501.0	\$925.00	\$61.62	\$94.00	\$0.14137	\$0.14137	\$0.14137	\$0.14137		
	Block 2	2,020,003	20,000					\$0.11998		\$0.11998			
	Block 3	707,839	20,000					\$0.08442		\$0.08442			
	Block 4	869,038	100,000					\$0.04883		\$0.04883			
	Block 5	0	600,000					\$0.02745		\$0.02745			
	Block 6	0	all additional					\$0.01327		\$0.01327			
	TOTAL								\$3,540.25		\$3,572.63	0.90%	
32I Firm Transpt	Block 1	11,657,702	10,000	75,569.0	\$925.00	\$61.62	\$94.00	\$0.13314	\$0.13314	\$0.13314	\$0.13314		
	Block 2	17,056,306	20,000					\$0.11308		\$0.11308			
	Block 3	10,569,490	20,000					\$0.07964		\$0.07964			
	Block 4	22,324,991	100,000					\$0.04622		\$0.04622			
	Block 5	22,115,808	600,000					\$0.02609		\$0.02609			
	Block 6	7,865,614	all additional					\$0.01279		\$0.01279			
	TOTAL								\$7,354.22		\$7,386.60	0.4%	
32C Interr Sales	Block 1	4,649,733	10,000	51,487.0	\$675.00	\$61.62	\$94.00	\$0.61838	\$0.61838	\$0.61838	\$0.61838		
	Block 2	6,816,872	20,000					\$0.59472		\$0.59472			
	Block 3	3,782,502	20,000					\$0.55521		\$0.55521			
	Block 4	5,561,835	100,000					\$0.51568		\$0.51568			
	Block 5	3,284,822	600,000					\$0.49198		\$0.49198			
	Block 6	0	all additional					\$0.47465		\$0.47465			
	TOTAL								\$30,685.84		\$30,718.22	0.1%	
32I Interr Sales	Block 1	4,653,469	10,000	42,594.0	\$675.00	\$61.62	\$94.00	\$0.59896	\$0.59896	\$0.59896	\$0.59896		
	Block 2	6,055,122	20,000					\$0.57835		\$0.57835			
	Block 3	3,505,859	20,000					\$0.54400		\$0.54400			
	Block 4	9,726,364	100,000					\$0.50962		\$0.50962			
	Block 5	4,171,536	600,000					\$0.48899		\$0.48899			
	Block 6	0	all additional					\$0.47389		\$0.47389			
	TOTAL								\$25,144.36		\$25,176.74	0.10%	
32C Inter Transpt	Block 1	822,778	10,000	199,597.0	\$925.00	\$61.62	\$94.00	\$0.12838	\$0.12838	\$0.12838	\$0.12838		
	Block 2	1,679,150	20,000					\$0.10895		\$0.10895			
	Block 3	978,518	20,000					\$0.07661		\$0.07661			
	Block 4	3,232,735	100,000					\$0.04425		\$0.04425			
	Block 5	472,307	600,000					\$0.02486		\$0.02486			
	Block 6	0	all additional					\$0.01194		\$0.01194			
	TOTAL								\$11,639.60		\$11,671.98	0.30%	
32I Inter Transpt	Block 1	6,144,023	10,000	198,801.0	\$925.00	\$61.62	\$94.00	\$0.12678	\$0.12678	\$0.12678	\$0.12678		
	Block 2	10,403,074	20,000					\$0.10765		\$0.10765			
	Block 3	6,958,044	20,000					\$0.07583		\$0.07583			
	Block 4	15,417,391	100,000					\$0.04395		\$0.04395			
	Block 5	35,960,832	600,000					\$0.02486		\$0.02486			
	Block 6	99,266,501	all additional					\$0.01213		\$0.01213			
	TOTAL								\$11,532.21		\$11,564.59	0.30%	
33 Transpt		0	N/A	0.0	\$38,250.00	\$0.00	\$0.00	\$0.00465	\$38,250.00	\$0.00465	\$38,250.00	0.0%	
	TOTAL	1,044,001,718											
Intentionally blank													

[1] Rate Schedule 31 and 32 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.

Sources:

Direct Inputs	per Tariff	per Tariff
Rates in summary	Column A	

NW Natural
Rates & Regulatory Affairs
Bill Discount Program
Proposed Incremental Revenue Requirement Allocation by Rate Schedule - Program Effects
Based on Proposed Changes to the Temporary Fixed Customer Charge

				Bill Discount Program	Bill Discount Program Impacts		
Line No.	Rate Schedule	Margin Revenue at Present Rates	Total Revenue at Present Rates	Revenue Increase (\$) (1)	Margin Revenue Increase (%)	Total Revenue Increase (%)	Average Bill Increase (%)
		A	B	C	D	E	F
1	02R	\$ 302,743,546	\$ 468,913,370	\$ 14,969,615	0.0%	3.2%	1.2%
2	03C	\$ 92,803,627	\$ 162,351,317	\$ 4,920,853	0.0%	3.0%	1.2%
3	03I	\$ 2,141,772	\$ 4,226,612	\$ 90,697	0.0%	2.1%	0.3%
4	27R	\$ 471,508	\$ 796,163	\$ 23,372	0.0%	2.9%	1.2%
5	31CSF	\$ 8,261,800	\$ 17,117,489	\$ 358,548	0.0%	2.1%	1.0%
6	31CTF	\$ 981,292	\$ 981,292	\$ 42,252	0.0%	4.3%	1.4%
7	31ISF	\$ 3,237,130	\$ 8,236,625	\$ 124,995	0.0%	1.5%	0.6%
8	31ITF	\$ 143,836	\$ 143,836	\$ 5,775	0.0%	4.0%	1.0%
9	32CSF	\$ 11,882,484	\$ 30,465,691	\$ 447,581	0.0%	1.5%	0.60%
10	32ISF	\$ 2,462,192	\$ 8,156,582	\$ 116,360	0.0%	1.4%	0.20%
11	32CTF	\$ 1,024,698	\$ 1,024,698	\$ 35,922	0.0%	3.5%	0.90%
12	32ITF	\$ 6,584,741	\$ 6,584,741	\$ 246,105	0.0%	3.7%	0.40%
13	32CSI	\$ 2,232,839	\$ 10,222,297	\$ 98,066	0.0%	1.0%	0.10%
14	32ISI	\$ 3,307,718	\$ 14,833,805	\$ 96,829	0.0%	0.7%	0.10%
15	32CTI	\$ 525,889	\$ 525,889	\$ 19,080	0.0%	3.6%	0.30%
16	32ITI	\$ 6,064,679	\$ 6,064,679	\$ 201,005	0.0%	3.3%	0.30%
17	33T	\$ 0	\$ 0	\$ 0	0.0%	0.0%	0.00%
Total		\$ 444,869,752	\$ 740,645,087	\$ 21,797,055 (2)	0.0%	2.94%	(3)

NOTE (1): Bill Discount Program rate spread based on an equal percentage of margin basis.

NOTE (2): The proposed revenue increase is based on base charges that must be rounded to a full cent. Therefore, there may be a small discrepancy with the indicated amounts spread to each schedule as presented here and actual collections.

NOTE (3): The average customer bill percentage impact figure calculation excludes pipeline capacity charges for RS 31 and RS 32 rate classes, and thus the bill rate impacts for these schedules are overstated.