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July 29, 2016

NWN OPUC Advice No. 16-10 / UG 306
(UM 1101)

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:**

UM 1101: Intervenor Funding;

Northwest Natural Gas Company, dba NW Natural (“NW Natural” or the “Company”), files herewith revisions to its Tariff, P.U.C. Or. 25¹ (“the Tariff”), stated to become effective with service on and after November 1, 2016, as follows:

Fourth Revision of Sheet 172-1,
Schedule 172,
“Special Adjustment to Rates for Intervenor Funding.”

This filing is made in accordance with OAR 860-022-0025.

The purpose of this filing is to request amortization of amounts deferred under Docket UM 1101 for inclusion in rates effective November 1, 2016. The Company revises rates for this purpose annually; the last filing was effective November 1, 2015.

The net effect of the removal of the current temporary adjustments applied to rates effective November 1, 2015 and the application of the new temporary adjustments is to increase the Company’s annual revenues by \$23,315.

The monthly bill of the average residential customer served under Rate Schedule 2 using 51 therms will increase by less than one cent. The monthly increase for the average industrial Rate Schedule 3 customer using about 1,008 therms is one cent, the average industrial Rate Schedule 31 firm sales customer using 5,389 therms will see a monthly increase of about five cents, and the average industrial Rate Schedule 32 firm sales customer using about 21,331 therms will see a monthly increase of about 21 cents.

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

The proposed adjustments for the amortization of the Intervenor Funding Account are \$0.00040 per therm for the residential Rate Schedule 2 customers and \$0.00016 for Rate Schedule 3, Rate Schedule 31 and Rate Schedule 32 industrial customers.

The number of customers affected by the proposed change is 579,129 residential customers and 935 industrial customers.

This filing is in compliance with ORS 757.259 (2003), which authorizes deferred utility expenses or revenues to be allowed (amortized) in rates to the extent authorized by the Commission in a proceeding to change rates, and ORS 757.072, which deals directly with the deferral of intervenor funding. All of the deferrals included in this filing occurred with appropriate application by Commission authorization, as rate orders or under approved tariffs.

In addition to the supporting materials submitted as part of this filing, the Company will separately submit workpapers in electronic format, all of which are incorporated herein by reference.

The Company requests that the tariff sheets filed herewith be permitted to become effective with service on and after November 1, 2016, and if deemed necessary by the Commission that a hearing be scheduled, in accordance with ORS 757.210.

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.

Notice to customers will be made in accordance with OAR 860-022-0017.

Please address correspondence on this matter to Andrew Speer at Andrew.Speer@nwnatural.com, with copies to:

eFiling
NW Natural Rates & Regulatory Affairs
220 NW Second Avenue
Portland, Oregon 97209
Telecopier: (503) 721-2516
Telephone: (503) 226-4211, x3589
eFiling@nwnatural.com

Sincerely,

NW NATURAL

/s/ Onita R. King

Onita R. King
Rates & Regulatory Affairs

Attachments: Exhibit A – Supporting Materials

NORTHWEST NATURAL GAS COMPANY

P.U.C. Or. 25

Fourth Revision of Sheet 172-1
Cancels Third Revision of Sheet 172-1

SCHEDULE 172 SPECIAL ADJUSTMENT TO RATES FOR INTERVENOR FUNDING

PURPOSE:

To identify adjustments to rates in the Rate Schedules listed below for the amortization of deferred balances related to Intervenor Funding. The rate adjustments under this Schedule are made pursuant to the Intervenor Funding Agreement in Docket UM 1357 adopted by Commission in Order No. 07-564.

APPLICABLE:

To the following Rate Schedules of this Tariff:

Residential:

Rate Schedule 2

Industrial:

Rate Schedule 3 ISF

Rate Schedule 31 (all Industrial Classes)

Rate Schedule 32 (all Industrial Classes)

APPLICATION TO RATE SCHEDULES:

Effective: November 1, 2016

(T)

The Total Adjustment amount shown below is included in the Temporary Adjustments reflected in the above-listed Rate Schedules. NO ADDITIONAL ADJUSTMENT TO RATES IS REQUIRED.

Residential Customer Adjustment:	\$0.00040	(C)
Industrial Customer Adjustment:	\$0.00016	(C)

GENERAL TERMS:

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

Issued July 29, 2016
NWN OPUC Advice No. 16-10

Effective with service on
and after November 1, 2016

EXHIBIT A

BEFORE THE PUBLIC UTILITY COMMISSION
OF OREGON

NW NATURAL SUPPORTING MATERIALS

Non-Gas Cost Deferral Amortizations
UM 1101 Intervenor Funding

NWN OPUC Advice No. 16-10 / UG 306

July 29, 2016

NW NATURAL

EXHIBIT A

Supporting Material

Non-Gas Cost Deferral Amortizations – UM 1101

Intervenor Funding

NWN OPUC ADVICE NO. 16-10 / UG 306

Description	Page
Calculation of Increments Allocated on Equal Cent per Therm Basis	1
Effects on Average Bill by Rate Schedule	2
Basis for Revenue Related Costs	3
PGA Effects on Revenue	4
Summary of Deferred Accounts Included in the PGA	5
186276 Deferral of CUB Intervenor Funding	6
186284 Deferral of Intervenor Funding Issue Fund	7
186286 Amortization of CUB Intervenor Funding	8
186278 Deferral of NWIGU Intervenor Funding	9
186288 Amortization of NWIGU Intervenor Funding	10

NW Natural
Rates & Regulatory Affairs
2016-17 PGA - Oregon: August Filing Effects
on Average Bill by Rate Schedule [1] ALL

Advice 16-10
 See note [2]

VOLUMES IN THERMS

1		Oregon PGA	Normal	Minimum	11/1/2015	11/1/2015	Proposed	Proposed	Proposed		
2		Normalized	Therms	Monthly	Billing	Current	Intervenor fund	Intervenor fund	Intervenor fund		
3		Volumes page,	in	Charge	Rates	Average Bill	Rates	Average Bill	% Bill Change		
4		Column D	Block	Average use							
5											
6	Schedule	Block	A	B	C	D	E	F = D + (C * E)	G	H = D + (C * G)	I = (H - F) / F
7	2R		356,358,823	N/A	51	\$8.00	\$0.93513	\$55.69	\$0.93519	\$55.69	0.0%
8	3C Firm Sales		161,456,307	N/A	236	\$15.00	\$0.87993	\$222.66	\$0.87993	\$222.66	0.0%
9	3I Firm Sales		4,186,772	N/A	1,008	\$15.00	\$0.83072	\$852.37	\$0.83073	\$852.38	0.0%
10	27 Dry Out		776,455	N/A	36	\$6.00	\$0.80313	\$34.91	\$0.80313	\$34.91	0.0%
11	31C Firm Sales	Block 1	17,706,769	2,000	3,132	\$325.00	\$0.61817	\$2,239.46	\$0.61817	\$2,239.46	0.0%
12		Block 2	12,889,553	all additional			\$0.59905		\$0.59905		
13	31C Firm Trans	Block 1	1,364,169	2,000	1,601	\$575.00	\$0.19118	\$881.08	\$0.19118	\$881.08	0.0%
14		Block 2	1,632,747	all additional			\$0.17480		\$0.17480		
15	31I Firm Sales	Block 1	4,263,241	2,000	5,389	\$325.00	\$0.53466	\$3,149.18	\$0.53467	\$3,149.23	0.0%
16		Block 2	9,188,740	all additional			\$0.51781		\$0.51782		
17	31I Firm Trans	Block 1	175,539	2,000	5,773	\$575.00	\$0.17031	\$1,496.44	\$0.17032	\$1,496.49	0.0%
18		Block 2	517,230	all additional			\$0.15394		\$0.15395		
19	32C Firm Sales	Block 1	27,396,213	10,000	8,022	\$675.00	\$0.46316	\$4,390.47	\$0.46316	\$4,390.47	0.0%
20		Block 2	8,169,994	20,000			\$0.44762		\$0.44762		
21		Block 3	807,546	20,000			\$0.42176		\$0.42176		
22		Block 4	11,819	100,000			\$0.39586		\$0.39586		
23		Block 5	0	600,000			\$0.38034		\$0.38034		
24		Block 6	0	all additional			\$0.36996		\$0.36996		
25	32I Firm Sales	Block 1	4,897,403	10,000	21,331	\$675.00	\$0.46083	\$10,333.30	\$0.46084	\$10,333.51	0.0%
26		Block 2	5,116,186	20,000			\$0.44568		\$0.44569		
27		Block 3	1,948,136	20,000			\$0.42039		\$0.42040		
28		Block 4	580,946	100,000			\$0.39514		\$0.39515		
29		Block 5	0	600,000			\$0.37996		\$0.37997		
30		Block 6	0	all additional			\$0.36991		\$0.36992		
31	32 Firm Trans	Block 1	14,611,752	10,000	41,387	\$925.00	\$0.10049	\$4,325.62	\$0.10050	\$4,326.03	0.0%
32		Block 2	17,230,536	20,000			\$0.08542		\$0.08543		
33		Block 3	9,911,484	20,000			\$0.06036		\$0.06037		
34		Block 4	17,461,606	100,000			\$0.03528		\$0.03529		
35		Block 5	21,764,847	600,000			\$0.02021		\$0.02022		
36		Block 6	2,455,153	all additional			\$0.01022		\$0.01023		
37	32C Interr Sales	Block 1	6,252,115	10,000	35,083	\$675.00	\$0.45065	\$15,961.70	\$0.45065	\$15,961.70	0.0%
38		Block 2	8,553,424	20,000			\$0.43505		\$0.43505		
39		Block 3	4,339,671	20,000			\$0.40905		\$0.40905		
40		Block 4	5,183,222	100,000			\$0.38306		\$0.38306		
41		Block 5	89,527	600,000			\$0.36743		\$0.36743		
42		Block 6	0	all additional			\$0.35709		\$0.35709		
43	32I Interr Sales	Block 1	7,427,326	10,000	41,859	\$675.00	\$0.45043	\$18,727.71	\$0.45044	\$18,728.13	0.0%
44		Block 2	8,841,797	20,000			\$0.43491		\$0.43492		
45		Block 3	4,869,921	20,000			\$0.40899		\$0.40900		
46		Block 4	9,961,831	100,000			\$0.38308		\$0.38309		
47		Block 5	2,051,108	600,000			\$0.36752		\$0.36753		
48		Block 6	0	all additional			\$0.35718		\$0.35719		
49	32 Interr Trans	Block 1	8,822,944	10,000	195,043	\$925.00	\$0.10132	\$9,353.93	\$0.10133	\$9,355.88	0.0%
50		Block 2	16,011,309	20,000			\$0.08615		\$0.08616		
51		Block 3	11,561,774	20,000			\$0.06087		\$0.06088		
52		Block 4	29,665,818	100,000			\$0.03556		\$0.03557		
53		Block 5	56,877,518	600,000			\$0.02041		\$0.02042		
54		Block 6	83,025,918	all additional			\$0.01029		\$0.01030		
55	33		0	N/A	0	\$38,000.00	\$0.00586	\$38,000.00	\$0.00586	\$38,000.00	0.0%
56											
57	Totals		966,415,190								
58											

[1] For convenience of presentation, the cent per therm demand charge is used, rather than the available MDDV demand option for Rate Schedules 31 and 32.
 [2] Tariff Advice Notice 16-10: Non-Gas Cost Deferral Amortizations - Intervenor Funding
 [3] Tariff Advice Notice 16-15: Non-Gas Cost Deferral Amortizations - Industrial DSM
 [4] Tariff Advice Notice 16-14: Non-Gas Cost Deferral Amortizations - SRRM
 [5] Tariff Advice Notice 16-16: Non-Gas Cost Deferral Amortizations - Decoupling
 [6] Tariff Advice Notice 16-13: Non-Gas Cost Deferral Amortizations - Oregon PUC Fee
 [7] Tariff Advice Notice 16-17: PGA

NW Natural
Rates and Regulatory Affairs
2016-2017 PGA Filing - OREGON
Basis for Revenue Related Costs

	Twelve Months Ended 06/30/16		
1			
2			
3	Total Billed Gas Sales Revenues	606,080,614	
4	Total Oregon Revenues	611,607,847	
5			
6	Regulatory Commission Fees [1]	1,633,358	0.275% Statutory rate
7	City License and Franchise Fees	14,818,591	2.423% Line 7 ÷ Line 4
8	Net Uncollectible Expense [2]	<u>1,036,942</u>	<u>0.170%</u> Line 8 ÷ Line 4
9			
10	Total	<u><u>17,488,891</u></u>	<u><u>2.868%</u></u> Sum lines 8-9
11			
12			

13 **Note:**

- 14 [1] Dollar figure is set at statutory level of 0.275% times Total Oregon Revenues (line 4).
15 Because the fee changed occurred mid gas year, the difference between the previous fee of 0.25%
16 and the new fee of 0.275% is being captured as a temporary deferral.
17 [2] Represents the normalized net write-offs based on a three-year average.

NW Natural
Rates & Regulatory Affairs
2016-2017 PGA Filing - Oregon: August Filing
PGA Effects on Revenue
Tariff Advice 16-10: Intervenor Funding

	Including Revenue Sensitive Amount
1	
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Temporary Increments

Removal of Current Temporary Increments

Amortization of Intevenor Funding - CUB (\$125,555)

Amortization of Intevenor Funding - NWIGU (\$52,949)

(\$178,504)

Addition of Proposed Temporary Increments

Amortization of Intevenor Funding - CUB \$143,589

Amortization of Intevenor Funding - NWIGU \$58,230

\$201,819

TOTAL OF ALL COMPONENTS OF RATE CHANGES

\$23,315

2015 Oregon Earnings Test Normalized Total Revenues \$653,343,000

Effect of this filing, as a percentage change (line 13 ÷ line 17) 0.00%

NW Natural
 Rates & Regulatory Affairs
 2016-2017 PGA Filing - August Filing
 Summary of Deferred Accounts Included in the PGA

Account	A	B	C	D	E	F1	F2	G	H	I
	Balance 6/30/2016	Jul-Oct Estimated Activity	Jul-Oct Interest	Estimated Balance 10/31/2016	Interest Rate During Amortization	Estimated Interest During Amortization	Total Estimated Amount for (Refund) or Collection	Amounts Excluded from PGA Filing	Amounts Included in PGA Filing	Excl. Rev Sens
10						2.20%				
11	66,125	0	0	66,125						
12	56,840	0	0	56,840						
13	30,542	(15,844)	159	14,858						
14	153,507	(15,844)	159	137,823	2.20%	1,648	139,471		139,471	
15										
16	7,204	0	0	7,204						
17	46,613	0	0	46,613						
18	19,018	(17,012)	69	2,075						
19	72,835	(17,012)	69	55,892	2.20%	668	56,560		56,560	

E = sum B thru D
 G = E + F2

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of CUB Intervenor Funding
 Account Number: 186276
 Docket UM 1101
 Last order for deferral reauthorization was Order No. 15-338

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Debit	(Credit)	Month/Year	Note	Deferral	Transfers	Interest	Activity	Balance																		
(a)	(b)	(c)	(d)	(e)	(f)	(g)																				
Beginning Balance								66,125																		
Oct-14				0			0.00	66,125																		
Nov-14	3			0	(66,125)		(66,125)	0																		
Dec-14				0	0		0	0																		
Jan-15	2			66,125			66,125	66,125																		
Feb-15				0			0	66,125																		
Mar-15				0			0	66,125																		
Apr-15				0			0	66,125																		
May-15				0			0	66,125																		
Jun-15				0.00			0.00	66,125.00																		
Jul-15				0.00			0.00	66,125.00																		
Aug-15				0.00			0.00	66,125.00																		
Sep-15				0.00			0.00	66,125.00																		
Oct-15				0.00			0.00	66,125.00																		
Nov-15	3			0.00	(66,125.00)		(66,125.00)	0.00																		
Dec-15				0.00			0.00	0.00																		
Jan-16	2			66,125.00			66,125.00	66,125.00																		
Feb-16				0.00			0.00	66,125.00																		
Mar-16				0.00			0.00	66,125.00																		
Apr-16				0.00			0.00	66,125.00																		
May-16				0.00			0.00	66,125.00																		
Jun-16				0.00			0.00	66,125.00																		
Jul-16				0.00			0.00	66,125.00																		
Aug-16				0.00			0.00	66,125.00																		
Sep-16				0.00			0.00	66,125.00																		
Oct-16				0.00			0.00	66,125.00																		

History truncated for ease of viewing

NOTES

- 1 - No interest is applied to this activity
- 2 - Payments made in:
 Jan 2016 - see order 16-004
- 3 - June balance transferred to account 186286 for amortization

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of Intervenor Funding - ISSUE FUND
 Account Number: 186284
 Docket UM 1101
 Last order for deferral reauthorization was Order No. 15-338

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Debit	(Credit)	Month/Year	Note	(a)	(b)	(c1)	(c2)	(d1)	(d2)	(e)	(f)	(g1)	(g2)	Balance-NWIGU	Balance-Grand Total											
						Deferral-CUB	Deferral-NWIGU	Transfers-CUB	Transfers-NWIGU	Interest	Activity	Balance-CUB	Balance-NWIGU	Balance-Grand Total												
						(c1)	(c2)	(d1)	(d2)	(e)	(f)	(g1)	(g2)	(gtotal)												
								to 186286	to 186288																	
						amort account	amort account	amort account	amort account																	
102		Beginning Balance																								
103		Oct-14										41,605	26,786	68,391												
104		Nov-14	2							(43,452)		24,939	0	24,939												
105		Dec-14						(16,666)	(26,786)			24,939	0	24,939												
106		Jan-15	1,2				29,546			29,546		24,939	29,546	54,485												
107		Feb-15										24,939	29,546	54,485												
108		Mar-15										24,939	29,546	54,485												
109		Apr-15										24,939	29,546	54,485												
110		May-15										24,939	29,546	54,485												
111		Jun-15	2		15,220.00					15,220.00		40,159.41	29,545.73	69,705.14												
112		Jul-15								0.00		40,159.41	29,545.73	69,705.14												
113		Aug-15	2		17,840.00					17,840.00		57,999.41	29,545.73	87,545.14												
114		Sep-15								0.00		57,999.41	29,545.73	87,545.14												
115		Oct-15	2				9,122.30		(29,545.73)	9,122.30		57,999.41	38,668.03	96,667.44												
116		Nov-15	3					(40,159.41)		(69,705.14)		17,840.00	9,122.30	26,962.30												
117		Dec-15	2		39,000.00					39,000.00		56,840.00	9,122.30	65,962.30												
118		Jan-16	2				13,760.00			13,760.00		56,840.00	22,882.30	79,722.30												
119		Feb-16								0.00		56,840.00	22,882.30	79,722.30												
120		Mar-16	2				23,731.16			23,731.16		56,840.00	46,613.46	103,453.46												
121		Apr-16								0.00		56,840.00	46,613.46	103,453.46												
122		May-16								0.00		56,840.00	46,613.46	103,453.46												
123		Jun-16								0.00		56,840.00	46,613.46	103,453.46												
124		Jul-16								0.00		56,840.00	46,613.46	103,453.46												
125		Aug-16								0.00		56,840.00	46,613.46	103,453.46												
126		Sep-16								0.00		56,840.00	46,613.46	103,453.46												
127		Oct-16								0.00		56,840.00	46,613.46	103,453.46												

History truncated for ease of viewing

NOTES

- 1 - No interest is applied to this activity
- 2 - Payments made in:
 - June 2015 - see order 15-176
 - August 2015 - see order 15-252 & 15-255
 - October 2015 - see order 15-301
 - December 2015 - see order 15-391
 - January 2016 - see order 16-030
 - March 2016 - see order 16-108
- 3 - Transfer \$40,159 of CUB June balance to 186286 amortization account.
 Transfer \$29,546 of NWIGU June balance to 186288 amortization account.

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of CUB Intervenor Funding
 Account Number: 186286
 Dockets UM 1101 and UG 292
 Amortization of 2014 deferral approved in Order 15-333 of UG 292

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37			
Debit	(Credit)	Month/Year	Note	Amortization	Transfers	Interest	Interest rate	Activity	Balance	(a)	(b)	(c)	(d)	(e1)	(e2)	(f)	(g)																						
		Beginning Balance																																					
		Oct-14		(2,734)		(0)	1.38%	(2,734)	(1,760)																														
		Nov-14	old rates	(3,373)		(4)	1.38%	(3,373)	(5,137)																														
		Nov-14	new rates (2)	(3,136)	82,791	120	1.77%	79,775	74,637																														
		Dec-14		(10,925)		102	1.77%	(10,823)	63,814																														
		Jan-15		(12,054)		85	1.77%	(11,969)	51,846																														
		Feb-15		(8,539)		70	1.77%	(8,469)	43,377																														
		Mar-15		(6,955)		59	1.77%	(6,896)	36,481																														
		Apr-15		(5,736)		50	1.77%	(5,687)	30,794																														
		May-15		(4,087)		42	1.77%	(4,045)	26,750																														
		Jun-15		(2,357)		38	1.77%	(2,319)	24,430																														
		Jul-15		(1,614)		35	1.77%	(1,579)	22,851																														
		Aug-15		(1,452)		33	1.77%	(1,420)	21,431																														
		Sep-15		(1,732)		30	1.77%	(1,702)	19,730																														
		Oct-15		(2,284)		27	1.77%	(2,257)	17,472.77																														
		Nov-15	old rates	(2,305.77)		24.07	1.77%	(2,281.70)	15,191.07																														
		Nov-15	new rates (1)	(4,545.25)	106,284.41	167.29	1.93%	101,906.45	117,097.52																														
		Dec-15		(19,028.18)		173.03	1.93%	(18,855.15)	98,242.37																														
		Jan-16		(22,470.67)		139.94	1.93%	(22,330.73)	75,911.64																														
		Feb-16		(14,706.58)		110.26	1.93%	(14,596.32)	61,315.32																														
		Mar-16		(12,707.47)		88.40	1.93%	(12,619.07)	48,696.25																														
		Apr-16		(8,910.53)		71.15	1.93%	(8,839.38)	39,856.87																														
		May-16		(5,290.96)		59.85	1.93%	(5,231.11)	34,625.76																														
		Jun-16		(4,135.66)		52.36	1.93%	(4,083.30)	30,542.46																														
		Jul-16	forecast	(2,593.20)		47.04	1.93%	(2,546.16)	27,996.30																														
		Aug-16	forecast	(2,588.73)		42.95	1.93%	(2,545.78)	25,450.52																														
		Sep-16	forecast	(2,779.51)		38.70	1.93%	(2,740.81)	22,709.71																														
		Oct-16	forecast	(7,882.22)		30.19	1.93%	(7,852.03)	14,857.68																														

History truncated for ease of viewing

NOTES

1 - Transfer in authorized balances from CUB Deferral account 186276 and Issue Fund Deferral account 186284

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of NWIGU Intervenor Funding
 Account Number: 186278
 Docket UM 1101
 Last order for deferral reauthorization was Order No. 15-338

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Debit	(Credit)	Month/Year	Note	Deferral	Transfers	Interest (1)	Activity	Balance																		
(a)	(b)	(c)	(d)	(e)	(f)	(g)																				
Beginning Balance								8,014																		
Oct-14				0			0	0																		
Nov-14			3	0	(8,014)		(8,014)	0																		
Dec-14				0			0	0																		
Jan-15			2	18,633			18,633	18,633																		
Feb-15				0			0	18,633																		
Mar-15				0			0	18,633																		
Apr-15				0			0	18,633																		
May-15				0			0	18,633																		
Jun-15				0.00			0.00	18,632.98																		
Jul-15				0.00			0.00	18,632.98																		
Aug-15				0.00			0.00	18,632.98																		
Sep-15				0.00			0.00	18,632.98																		
Oct-15				0.00			0.00	18,632.98																		
Nov-15			3	0.00	(18,632.98)		(18,632.98)	0.00																		
Dec-15				0.00			0.00	0.00																		
Jan-16				0.00			0.00	0.00																		
Feb-16				0.00			0.00	0.00																		
Mar-16			2	7,204.30			7,204.30	7,204.30																		
Apr-16				0.00			0.00	7,204.30																		
May-16				0.00			0.00	7,204.30																		
Jun-16				0.00			0.00	7,204.30																		
Jul-16							0.00	7,204.30																		
Aug-16							0.00	7,204.30																		
Sep-16							0.00	7,204.30																		
Oct-16							0.00	7,204.30																		

History truncated for ease of viewing

NOTES

1 - No interest is applied to this activity

2 - Payments made in:

Mar 2016 - see order 16-091

3 - June balance transferred to account 186288 for amortization

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of NWIGU Intervenor Funding
 Account Number: 186288
 Dockets UM 1101 and UG 276
 Amortization of 2013 deferral approved in Order 15-333 of UG 292

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125
Debit (Credit)	Month/Year	Note	Amortization	Transfers	Interest	Interest rate	Activity	Balance																																																																																																																				
(a)	(b)	(c)	(d)	(e)	(e2)	(f)	(g)																																																																																																																					
Beginning Balance																																																																																																																												
Oct-14			(8,029)		7	1.38%	(8,022)	2,393																																																																																																																				
Nov-14	old rates		(282)		3	1.38%	(280)	2,113																																																																																																																				
Nov-14	new rates (2)		(2,903)	34,800	49	1.77%	31,945	34,058																																																																																																																				
Dec-14			(3,141)		48	1.77%	(3,093)	30,965																																																																																																																				
Jan-15			(3,151)		43	1.77%	(3,107)	27,857																																																																																																																				
Feb-15			(2,806)		39	1.77%	(2,767)	25,090																																																																																																																				
Mar-15			(2,904)		35	1.77%	(2,869)	22,221																																																																																																																				
Apr-15			(2,906)		31	1.77%	(2,875)	19,346																																																																																																																				
May-15			(2,751)	(0)	27	1.77%	(2,725)	16,621																																																																																																																				
Jun-15			(2,557)		23	1.77%	(2,535)	14,086																																																																																																																				
Jul-15			(2,538)		19	1.77%	(2,519)	11,567																																																																																																																				
Aug-15			(2,548)		15	1.77%	(2,533)	9,034																																																																																																																				
Sep-15			(2,607)		11	1.77%	(2,595)	6,439																																																																																																																				
Oct-15			(2,854)		7	1.77%	(2,846)	3,592.97																																																																																																																				
Nov-15	old rates		(98.70)		5.23	1.77%	(93.47)	3,499.50																																																																																																																				
Nov-15	new rates (1)		(3,986.92)	48,178.71	74.28	1.93%	44,266.07	47,765.57																																																																																																																				
Dec-15			(4,514.40)		73.19	1.93%	(4,441.21)	43,324.36																																																																																																																				
Jan-16			(4,709.97)		65.89	1.93%	(4,644.08)	38,680.28																																																																																																																				
Feb-16			(4,088.68)		58.92	1.93%	(4,029.76)	34,650.52																																																																																																																				
Mar-16			(4,231.44)		52.33	1.93%	(4,179.11)	30,471.41																																																																																																																				
Apr-16			(3,887.90)		45.88	1.93%	(3,842.02)	26,629.39																																																																																																																				
May-16			(3,989.55)		39.62	1.93%	(3,949.93)	22,679.46																																																																																																																				
Jun-16			(3,694.22)		32.49	1.93%	(3,661.73)	19,017.73																																																																																																																				
Jul-16	forecast		(4,153.46)		27.25	1.93%	(4,126.21)	14,891.52																																																																																																																				
Aug-16	forecast		(4,172.96)		20.59	1.93%	(4,152.37)	10,739.15																																																																																																																				
Sep-16	forecast		(4,105.47)		13.97	1.93%	(4,091.50)	6,647.65																																																																																																																				
Oct-16	forecast		(4,580.04)		7.01	1.93%	(4,573.03)	2,074.62																																																																																																																				

History truncated for ease of viewing

NOTES

1 - Transfer in authorized balances from NWIGU Deferral account 186278 and Issue Fund Deferral account 186284.