

e-FILING REPORT COVER SHEET

REPORT NAME: Quarterly Report of Deferred Accounting Activity - For the Three Months Ended December 31, 2011

COMPANY NAME: NW Natural

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes

If yes, please submit only the cover letter electronically. Submit confidential information as directed OAR 860-001-0070 or the terms of an applicable protective order.

If known, please select designation: RE (Electric) RG (Gas) RW (Water)
 RO (Other)

Report is required by: OAR
 Statute
 Order
 Other at the request of Staff

Is this report associated with a specific docket/case? No Yes
If Yes, enter docket number: RG 3

Key words: Deferred Accounting Activity, Quarterly Report, Fourth Quarter 2011

If known, please select the PUC Section to which the report should be directed:

- Corporate Analysis and Water Regulation
- Economic and Policy Analysis
- Electric and Natural Gas Revenue Requirements
- Electric Rates and Planning
- Natural Gas Rates and Planning
- Utility Safety, Reliability & Security
- Administrative Hearings Division
- Consumer Services Section

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VIA ELECTRONIC FILING

February 14, 2012

Public Utility Commission of Oregon
550 Capitol Street, NE, Suite 215
Post Office Box 2148
Salem, Oregon 97308-2148

Attn: Filing Center

Re: **OPUC Docket No. RG 3**
QUARTERLY REPORT OF DEFERRED ACCOUNTING ACTIVITY –
For the Three Months Ended December 31, 2011

Enclosed is the Quarterly Report of Deferred Accounting Activity for the Fourth Quarter 2011. Included as part of this report are the details for WACOG and Demand deferrals for the month of October 2011. The details section is considered confidential and will be submitted in paper copy as set out in OAR 860-001-0070.

Please call or email me if you have any questions about these materials.

Sincerely,

/s/ Cristan Kelley

Cristan Kelley

CMK/kcm
enclosure

NW NATURAL
OREGON DEFERRED RATE MAKING ACCOUNTS
4th QUARTER 2011

Account	Balance 9/30/2011	Activity through 10/31/2011	Balance 10/31/2011	Activity through 11/30/2011	Balance 11/30/2011	Activity through 12/31/2011	Balance 12/31/2011	Account Type	Refer to Section, Page Number
Decoupling Deferrals and Amortizations									
186277 RESIDENTIAL DECOUPLING AMORTIZATION	873,805	(470,003)	403,802	15,841,768	16,245,570	(2,659,936)	13,585,634	Amortization	Amortization, Pages 1-3
186271 COMMERCIAL DECOUPLING AMORTIZATION	125,612	(104,147)	21,465	2,242,860	2,264,326	(336,310)	1,928,015	Amortization	Amortization, Pages 4-6
186275 RESIDENTIAL DECOUPLING DEFERRAL	17,008,758	1,258,668	18,267,426	(16,440,026)	1,827,400	5,309,433	7,136,833	Deferral	Decoupling Deferrals, Page 1-3
186270 COMMERCIAL DECOUPLING DEFERRAL	2,417,446	174,572	2,592,019	(2,316,154)	275,865	1,149,063	1,424,928	Deferral	Decoupling Deferrals, Page 1-3
Intervenor Funding, Deferrals and Amortizations									
186284 Intervenor Funding - ISSUE FUND	74,151	0	74,151	(74,151)	0	0	0	Deferral	Other Deferrals, Page 1
10386276 INTERVENOR FUNDING	57,500	0	57,500	(57,500)	0	0	0	Deferral	Other Deferrals, Page 2
11186278 NWIGU INTERVENOR MATCHING FUND	3,112	0	3,112	(3,112)	0	0	0	Deferral	Other Deferrals, Page 3
12186286 AMORT - CUB INTERVENOR MATCHING FUND	3,194	(2,059)	1,135	108,314	109,449	(18,725)	90,724	Amortization	Amortization, Pages 7-9
13186288 AMORT - NWIGU INTERVENOR MATCHING FUND	503	(115)	388	17,658	18,046	(1,963)	16,082	Amortization	Amortization, Pages 10-11
Miscellaneous Deferrals and Amortizations									
17186308 AMR Deferral	2,666,036	80,689	2,746,726	74,249	2,820,974	65,298	2,886,272	Deferral	Other Deferrals, Pages 4-5
18186307 AMR AMORTIZATION	161,126	(92,230)	68,896	(68,832)	63	0	64	Amortization	Amortization, Pages 12-13
20186232 INDUSTRIAL DSM	3,101,750	644,995	3,746,745	(1,784,226)	1,962,519	14,094	1,976,613	Deferral	Other Deferrals, Page 6
21186233 INDUSTRIAL DSM AMORTIZATION	15,245	(78,349)	(63,104)	1,655,642	1,592,538	(175,871)	1,416,667	Amortization	Amortization, Pages 14-16
22186237 OPUC FEE REFUND AMORTIZATION	(30,824)	38,853	8,029	(8,029)	0	0	0	Amortization	Amortization, Pages 17-18
24186279 EARNINGS SHARING AMORTIZATION	0	0	0	(195,559)	(195,559)	27,643	(167,915)	Amortization	Amortization, Pages 19-20
Environmental Deferrals*									
29186143 ENVIR INV-WACKER	263,164	0	263,164	0	263,164	0	263,164	Deferral	Environmental Deferrals
30186144 ENVIR INV - PORTLAND HARBOR	1,297,179	0	1,297,179	0	1,297,179	0	1,297,179	Deferral	Environmental Deferrals
31186145 2003 ENVIR INV-GASCO	80,094,631	803,979	80,898,610	849,561	81,748,171	14,927,727	96,675,898	Deferral	Environmental Deferrals
32186146 2003 ENVIR INV-EUGENE	59,757	1,112	60,869	1,120	61,989	1,128	63,117	Deferral	Environmental Deferrals
34186148 2003 ENVIR INV-PORTLAND HARBOR	3,567,104	53,138	3,620,241	26,047	3,646,289	188,749	3,835,037	Deferral	Environmental Deferrals
35186149 2003 ENVIR INV-FRONT ST PDX G	20,067,995	325,943	20,393,937	227,677	20,621,614	875,051	21,496,665	Deferral	Environmental Deferrals
36186151 TAR BODY EARLY ACTION	2,170,771	109,229	2,280,000	115,387	2,395,339	970,260	3,365,600	Deferral	Environmental Deferrals
37186152 OREGON STEEL MILLS	15,943,448	114,468	16,057,916	115,287	16,173,204	116,113	16,289,316	Deferral	Environmental Deferrals
38186153 CENTRAL SERVICE CENTER	213,071	243	213,314	245	213,559	247	213,806	Deferral	Environmental Deferrals
39186154 FRENCH AMERICAN SCHOOL	611,577	49,267	660,844	916	661,760	(24,653)	637,107	Deferral	Environmental Deferrals
40186154 FRENCH AMERICAN SCHOOL	194,528	7,331	201,858	4,177	206,035	(2,336)	203,699	Deferral	Environmental Deferrals
Gas Cost Deferrals and Amortizations									
42181401 AMORTIZE OREGON WACOG	(2,744,896)	870,686	(1,874,210)	(15,226,804)	(17,101,014)	2,523,732	(14,577,283)	Amortization	Amortization, Pages 21-26
43181411 AMORTIZE DEMAND OREGON	1,836,405	(182,063)	1,654,342	(738,669)	915,673	(45,823)	869,850	Amortization	Amortization, Pages 27-32
44181400 WACOG - ACCRUE OREGON	(15,621,194)	(1,146,528)	(16,767,722)	13,612,745	(3,154,976)	(6,044,015)	(9,198,992)	Deferral	Gas Cost Deferrals, Page 1
46181410 DEMAND - ACCRUE OREGON	2,030,280	211,897	2,242,177	(1,975,211)	266,966	(45,787)	221,178	Deferral	Gas Cost Deferrals, Page 2
47181450 OREGON DEMAND ACCRUE VOLUME	(3,607,785)	425,219	(3,182,566)	2,500,249	(682,317)	356,061	(326,256)	Deferral	Gas Cost Deferrals, Page 3
48181417 DEMAND - ACCR COOS BAY	359,034	37,401	396,435	(361,609)	34,826	33,395	68,221	Deferral	Gas Cost Deferrals, Page 4

52* Note that the environmental deferrals shown reflect all regulatory deferrals and accounting accruals. Only regulatory deferrals are considered eligible for deferred accounting.

Detail of Amortization Activity

NW Natural
Quarterly Deferred Report of Deferred Accounting Activity
4th Quarter 2011

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of Oregon Residential Decoupling
 Account Number: 186277
 Dockets UG 209 and UM 1027
 Amortization of 2010-11 deferral balance approved in Order 11-460 in UG 209

Debit (Credit)	Month/Year (a)	Note (b)	Amortization (c)	Transfers (d)	Interest (e1)	Interest Rate (e2)	Activity (f)	Balance (g)
Beginning Balance								
	Jan-10		(1,891,194)		14,160	2.05%	(1,877,035)	7,357,156
	Feb-10		(1,327,329)		11,435	2.05%	(1,315,894)	6,041,262
	Mar-10		(1,141,120)		9,346	2.05%	(1,131,774)	4,909,487
	Apr-10		(1,076,923)		7,467	2.05%	(1,069,456)	3,840,032
	May-10		(780,719)		5,893	2.05%	(774,826)	3,065,206
	Jun-10		(564,223)		4,754	2.05%	(559,468)	2,505,737
	Jul-10		(330,182)		3,999	2.05%	(326,183)	2,179,554
	Aug-10		(244,677)		3,514	2.05%	(241,162)	1,938,392
	Sep-10		(273,742)		3,078	2.05%	(270,665)	1,667,727
	Oct-10		(371,776)		2,531	2.05%	(369,244)	1,298,483
	Nov-10	old rates	(433,116)		1,848	2.05%	(431,268)	867,215
		new rates (1)	(474,789)	13,210,032	24,216	2.24%	12,759,458	13,626,673
	Dec-10		(2,105,859)		23,471	2.24%	(2,082,388)	11,544,286
	Jan-11		(2,453,418)		19,259	2.24%	(2,434,158)	9,110,127
	Feb-11		(1,928,746)		15,205	2.24%	(1,913,541)	7,196,586
	Mar-11		(2,040,749)		11,529	2.24%	(2,029,220)	5,167,366
	Apr-11		(1,499,168)		8,247	2.24%	(1,490,922)	3,676,445
	May-11		(1,138,487)		5,800	2.24%	(1,132,687)	2,543,758
	Jun-11		(690,741)		4,104	2.24%	(686,637)	1,857,120
	Jul-11		(376,085)		3,116	2.24%	(372,970)	1,484,151
	Aug-11		(305,131)		2,486	2.24%	(302,645)	1,181,505
	Sep-11		(309,617)		1,917	2.24%	(307,700)	873,805
	Oct-11	2	(470,986)	(208)	1,192	2.24%	(470,003)	403,802
	Nov-11	old rates	(581,261)		211	2.24%	(581,050)	(177,248)
		new rates (1)	(736,169)	17,130,909	28,078	2.01%	16,422,818	16,245,570
	Dec-11		(2,684,898)		24,963	2.01%	(2,659,936)	13,585,634

History truncated for ease of viewing

NOTES

1 - Transfer in is from the October balance of deferral account 186275

2 - Transfer represents a balance true-up adjustment

NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA
 Summary of Temporary Increment by Rate Sch
 Rates Effective November 1, 2010
 Tempo by Rate Schedule: 4th Quarter 2011

Schedule	Block	186277 AMORT	186277 AMORT	186277 AMORT	186277 AMORT
		OR DECOUPLING RES	AMORT OR DECOUPLING RES	OR DECOUPLING RES	OR DECOUPLING RES
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - old rates Volumes
					Nov - old rates Activity for Mo.
1R		(0.03881)	32,564.7	(1,263.84)	32,746.1 (1,270.88)
1C		N/A	0.0	0.00	0.0 0.00
2R		(0.03881)	12,103,133.2	(469,722.60)	14,944,343.3 (579,989.96)
3C Firm Sales		N/A	0.0	0.00	0.0 0.00
Intentionally blank					
3I Firm Sales		N/A	0.0	0.00	0.0 0.00
Intentionally blank					
19	1st mantle	N/A	0.0	0.00	0.0 0.00
19	add'l mtls				
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
31I Firm Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
31I Interr Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
	Block 3	N/A	0.0	0.00	0.0 0.00
	Block 4	N/A	0.0	0.00	0.0 0.00
	Block 5	N/A	0.0	0.00	0.0 0.00
	Block 6	N/A	0.0	0.00	0.0 0.00
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
	Block 3	N/A	0.0	0.00	0.0 0.00
	Block 4	N/A	0.0	0.00	0.0 0.00
	Block 5	N/A	0.0	0.00	0.0 0.00
	Block 6	N/A	0.0	0.00	0.0 0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
	Block 3	N/A	0.0	0.00	0.0 0.00
	Block 4	N/A	0.0	0.00	0.0 0.00
	Block 5	N/A	0.0	0.00	0.0 0.00
	Block 6	N/A	0.0	0.00	0.0 0.00
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
	Block 3	N/A	0.0	0.00	0.0 0.00
	Block 4	N/A	0.0	0.00	0.0 0.00
	Block 5	N/A	0.0	0.00	0.0 0.00
	Block 6	N/A	0.0	0.00	0.0 0.00
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
	Block 3	N/A	0.0	0.00	0.0 0.00
	Block 4	N/A	0.0	0.00	0.0 0.00
	Block 5	N/A	0.0	0.00	0.0 0.00
	Block 6	N/A	0.0	0.00	0.0 0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0 0.00
	Block 2	N/A	0.0	0.00	0.0 0.00
	Block 3	N/A	0.0	0.00	0.0 0.00
	Block 4	N/A	0.0	0.00	0.0 0.00
	Block 5	N/A	0.0	0.00	0.0 0.00
	Block 6	N/A	0.0	0.00	0.0 0.00
Intentionally blank					
33		N/A	0.0	0.00	0.0 0.00
TOTALS			12,135,697.9	(470,986.44)	14,977,089.4 (581,260.84)
TOTAL AMORTIZATION				(470,986.44)	(581,260.84)

**NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2011
Tempa by Rate Schedule: 4th Quarter 2011

Schedule	Block	186277 AMORT		186277 AMORT		186277 AMORT		186277 AMORT	
		OR	OR	OR	OR	OR	OR	OR	OR
		DECOUPLING	DECOUPLING	DECOUPLING	DECOUPLING	DECOUPLING	DECOUPLING	DECOUPLING	
		RES	RES	RES	RES	RES	RES	RES	RES
		Nov - new rates		Nov - new rates		Dec		Dec	
		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Mo.			
1R		(0.04690)	26,388.9	(1,237.64)	105,327.4	(4,939.86)			
1C		N/A	0.0	0.00	0.0	0.00			
2R		(0.04690)	15,670,181.1	(734,931.49)	57,141,972.5	(2,679,958.51)			
3C Firm Sales		N/A	0.0	0.00	0.0	0.00			
Intentionally blank									
3I Firm Sales		N/A	0.0	0.00	0.0	0.00			
Intentionally blank									
19	1st mantle	N/A	0.0	0.00	0.0	0.00			
19	add'l mtis								
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
Intentionally blank									
33		N/A	0.0	0.00	0.0	0.00			
TOTALS			15,696,570.0	(736,169.13)	57,247,299.9	(2,684,898.37)			

TOTAL AMORTIZATION (736,169.13) (2,684,898.37)

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of Oregon Commercial Decoupling
 Account Number: 186271
 Dockets UG 209 and UM 1027
 Amortization of 2010-11 deferral balance approved in Order 11-460 in UG 209

Debit (Credit)	Month/Year	Note (b)	Amortization (c)	Transfers (d)	Interest (e)	Interest Rate	Activity (f)	Balance (g)
	Beginning Balance							
	Jan-10		(81,610)		821	2.10%	(80,789)	429,178
	Feb-10		(57,668)		701	2.10%	(56,967)	372,211
	Mar-10		(51,091)		607	2.10%	(50,485)	321,727
	Apr-10		(49,433)		520	2.10%	(48,913)	272,813
	May-10		(37,031)		445	2.10%	(36,586)	236,228
	Jun-10		(29,348)		388	2.10%	(28,960)	207,268
	Jul-10		(20,259)		345	2.10%	(19,914)	187,354
	Aug-10		(17,041)		313	2.10%	(16,728)	170,626
	Sep-10		(18,262)		283	2.10%	(17,979)	152,647
	Oct-10		(21,758)		248	2.10%	(21,510)	131,137
	Nov-10	old rates	(20,533)		212	2.10%	(20,321)	110,816
		new rates (1)	(79,276)	2,365,527	4,342	2.24%	2,290,593	2,401,408
	Dec-10		(348,826)		4,157	2.24%	(344,669)	2,056,739
	Jan-11		(407,196)		3,459	2.24%	(403,737)	1,653,002
	Feb-11		(325,210)		2,782	2.24%	(322,428)	1,330,574
	Mar-11		(345,606)		2,161	2.24%	(343,445)	987,129
	Apr-11		(257,836)		1,602	2.24%	(256,234)	730,895
	May-11		(205,476)		1,173	2.24%	(204,303)	526,592
	Jun-11		(143,515)		849	2.24%	(142,666)	383,925
	Jul-11		(95,153)		628	2.24%	(94,525)	289,401
	Aug-11		(82,456)		463	2.24%	(81,993)	207,408
	Sep-11		(82,106)		311	2.24%	(81,795)	125,612
	Oct-11		(104,284)		137	2.24%	(104,147)	21,465
	Nov-11	old rates	(107,602)		(60)	2.24%	(107,662)	(86,197)
		new rates (1)	(88,290)	2,434,808	4,004	2.01%	2,350,522	2,264,326
	Dec-11		(339,818)		3,508	2.01%	(336,310)	1,928,015

History truncated for ease of viewing

NOTES

1 - Transfer in is from the October balance of deferral account 186275

**NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2010
Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	186271	186271	186271 AMORT	186271 AMORT	186271 AMORT
		AMORT OR DECOUPLING COM	AMORT OR DECOUPLING COM	OR DECOUPLING COM	OR DECOUPLING COM	OR DECOUPLING COM
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - old rates Volumes	Nov - old rates Activity for Mo.
1R		N/A	0.0	0.00	0.0	0.00
1C		(0.01156)	5,095.1	(58.90)	8,064.1	(93.22)
2R		N/A	0.0	0.00	0.0	0.00
3C Firm Sales		(0.01156)	5,893,962.2	(68,134.20)	6,641,568.3	(76,776.53)
Intentionally blank						
3I Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
19	1st mantle	N/A	0.0	0.00	0.0	0.00
19	add'l mtl					
31C Firm Sales	Block 1	(0.01156)	1,828,925.1	(21,142.37)	1,311,200.2	(15,157.47)
	Block 2	(0.01156)	1,069,100.2	(12,358.80)	1,347,269.5	(15,574.44)
31C Firm Trans	Block 1	(0.01156)	16,000.0	(184.96)	0.0	0.00
	Block 2	(0.01156)	126,341.0	(1,460.50)	0.0	0.00
31C Interr Sales	Block 1	(0.01156)	17,824.0	(206.05)	0.0	0.00
	Block 2	(0.01156)	63,892.0	(738.59)	0.0	0.00
31I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		N/A	0.0	0.00	0.0	0.00
TOTALS			9,021,139.6	(104,284.37)	9,308,102.1	(107,601.66)

TOTAL AMORTIZATION

(104,284.37)

(107,601.66)

**NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2011
Temp by Rate Schedule: 4th Quarter 2011

Schedule	Block	186271	186271 AMORT	186271 AMORT	186271 AMORT	186271 AMORT
		AMORT OR DECOUPLING COM	OR DECOUPLING COM	OR DECOUPLING COM	OR DECOUPLING COM	OR DECOUPLING COM
		In Rates	Nov - new rates Volumes	Nov - new rates Activity for Mo.	Dec Volumes	Dec Activity for Mo.
1R		N/A	0.0	0.00	0.0	0.00
1C		(0.01078)	3,510.3	(37.84)	23,620.2	(254.63)
2R		N/A	0.0	0.00	0.0	0.00
3C Firm Sales		(0.01078)	5,524,299.4	(59,551.95)	23,464,163.9	(252,943.69)
Intentionally blank						
3I Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
19	1st mantle	N/A	0.0	0.00	0.0	0.00
19	add'l mtls					
31C Firm Sales	Block 1	(0.01078)	902,114.3	(9,724.79)	2,301,291.3	(24,807.92)
	Block 2	(0.01078)	1,364,721.1	(14,711.69)	5,456,924.7	(58,825.65)
31C Firm Trans	Block 1	(0.01078)	37,882.0	(408.37)	25,943.0	(279.67)
	Block 2	(0.01078)	197,140.0	(2,125.17)	44,588.0	(480.66)
31C Interr Sales	Block 1	(0.01078)	19,176.0	(206.72)	19,366.0	(208.77)
	Block 2	(0.01078)	141,312.0	(1,523.34)	187,135.0	(2,017.32)
31I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		N/A	0.0	0.00	0.0	0.00
TOTALS			8,190,155.1	(88,289.87)	31,523,032.1	(339,818.31)
TOTAL AMORTIZATION				<u>(88,289.87)</u>		<u>(339,818.31)</u>

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of CUB Intervenor Funding
 Account Number: 186286
 Dockets UG 206 and UM 1101
 Amortization of 2010 deferral approved in Order 11-446 of UG 206

Debit (Credit)	Month/Year (a)	Note (b)	Amortization (c)	Transfers (d)	Interest (e1)	Interest rate (e2)	Activity (f)	Balance (g)
	Beginning Balance							
	Jan-10		(13,204)		95	2.05%	(13,109)	48,907
	Feb-10		(9,267)		76	2.05%	(9,192)	39,715
	Mar-10		(7,967)		61	2.05%	(7,906)	31,809
	Apr-10		(7,519)		48	2.05%	(7,471)	24,338
	May-10		(5,451)		37	2.05%	(5,414)	18,924
	Jun-10		(3,939)		29	2.05%	(3,910)	15,013
	Jul-10		(2,305)		24	2.05%	(2,282)	12,732
	Aug-10		(1,708)		20	2.05%	(1,688)	11,044
	Sep-10		(1,911)		17	2.05%	(1,894)	9,150
	Oct-10		(2,596)		13	2.05%	(2,582)	6,567
	Nov-10	old rates	(3,024)		9	2.05%	(3,015)	3,552
		new rates (1)	(2,080)	57,500	96	2.24%	55,517	59,069
	Dec-10		(9,224)		102	2.24%	(9,123)	49,946
	Jan-11		(10,747)		83	2.24%	(10,664)	39,283
	Feb-11		(8,449)		65	2.24%	(8,383)	30,899
	Mar-11		(8,939)		49	2.24%	(8,890)	22,010
	Apr-11		(6,567)		35	2.24%	(6,532)	15,478
	May-11		(4,987)		24	2.24%	(4,963)	10,515
	Jun-11		(3,027)		17	2.24%	(3,010)	7,505
	Jul-11		(1,647)		12	2.24%	(1,635)	5,870
	Aug-11		(1,337)		10	2.24%	(1,327)	4,544
	Sep-11		(1,357)		7	2.24%	(1,350)	3,194
	Oct-11		(2,063)		4	2.24%	(2,059)	1,135
	Nov-11	old rates	(2,546)		(0)	2.24%	(2,546)	(1,412)
		new rates (1)	(5,180)	115,851	190	2.01%	110,860	109,449
	Dec-11		(18,892)		168	2.01%	(18,725)	90,724

History truncated for ease of viewing

NOTES

1 - Transfer in is from the October balances of CUB Deferral account 186276 and Issue Fund Deferral account 186284

NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA
 Summary of Temporary Increment by Rate Schedule
 Rates Effective November 1, 2010
 Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	186286	186286	186286	186286	186286
		INTERVENOR FUNDING - CUB FUND	INTERVENOR FUNDING - CUB FUND	INTERVENOR FUNDING - CUB FUND	INTERVENOR FUNDING - CUB FUND	INTERVENOR FUNDING - CUB FUND
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - old rates Volumes	Nov - old rates Activity for Mo.
1R		(0.00017)	32,564.7	(5.54)	32,746.1	(5.57)
1C		N/A	0.0	0.00	0.0	0.00
2R		(0.00017)	12,103,133.2	(2,057.53)	14,944,343.3	(2,540.54)
3C Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
3I Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
19	1st mantle	0.00	1,206.0	0.00	1,170.0	0.00
19	add'l mtls					
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		N/A	0.0	0.00	0.0	0.00
TOTALS			12,136,903.9	(2,063.07)	14,978,259.4	(2,546.11)

TOTAL AMORTIZATION (2,063.07) (2,546.11)

NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA
 Summary of Temporary Increment by Rate Schedule
 Rates Effective November 1, 2011
 Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	186286	186286	186286	186286	186286
		INTERVENOR	INTERVENOR	INTERVENOR	INTERVENOR	INTERVENOR
		FUNDING -	FUNDING -	FUNDING -	FUNDING -	FUNDING -
		CUB FUND	CUB FUND	CUB FUND	CUB FUND	CUB FUND
		In Rates	Nov - new	Nov - new	Dec	Dec
			Volumes	Activity for Mo.	Volumes	Activity for Mo.
1R		(0.00033)	26,388.9	(8.71)	105,327.4	(34.76)
1C		N/A	0.0	0.00	0.0	0.00
2R		(0.00033)	15,670,181.1	(5,171.16)	57,141,972.5	(18,856.85)
3C Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
3I Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
19	1st mantle	(0.01)	0.0	0.00	1,206.0	(0.63)
19	add'l mtls					
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		N/A	0.0	0.00	0.0	0.00
TOTALS			15,696,570.0	(5,179.87)	57,248,505.9	(18,892.24)

TOTAL AMORTIZATION (5,179.87) (18,892.24)

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of NWIGU Intervenor Funding
 Account Number: 186288
 Dockets UG 206 and UM 1101
 Amortization of 2010 deferral approved in Order 11-446 of UG 206

Debit (Credit)	Month/Year (a)	Note (b)	Amortization (c)	Transfers (d)	Interest (e)	Interest rate (e2)	Activity (f)	Balance (g)
	7	Beginning Balance						
	37	Jan-10	(919)		12	2.23%	(906)	6,257
	38	Feb-10	(826)		11	2.23%	(815)	5,442
	39	Mar-10	(912)		9	2.23%	(903)	4,539
	40	Apr-10	(858)		8	2.23%	(850)	3,689
	41	May-10	(839)		6	2.23%	(833)	2,856
	42	Jun-10	(793)		5	2.23%	(789)	2,067
	43	Jul-10	(782)		3	2.23%	(779)	1,289
	44	Aug-10	(781)		2	2.23%	(780)	509
	45	Sep-10	(782)		0	2.23%	(782)	(273)
	46	Oct-10	(857)		(1)	2.23%	(859)	(1,131)
	47	Nov-10 old rates	(34)		(2)	2.23%	(36)	(1,167)
	48	new rates (1)	0	1,670	0	0.00%	1,670	503
	49	Dec-10	0		0	0.00%	0	503
	50	Jan-11	0		0	0.00%	0	503
	51	Feb-11	0		0	0.00%	0	503
	52	Mar-11	0		0	0.00%	0	503
	53	Apr-11	0		0	0.00%	0	503
	54	May-11	0		0	0.00%	0	503
	55	Jun-11	0		0	0.00%	0	503
	56	Jul-11	0		0	0.00%	0	503
	57	Aug-11	0		0	0.00%	0	503
	58	Sep-11	0		0	0.00%	0	503
	59	Oct-11	0	(115)	0	0.00%	0	503
	60	Nov-11	(1,285)	18,912	31	2.01%	(115)	388
	61	Dec-11	(1,992)		29	2.01%	17,658	18,046
	62						(1,963)	16,082

History truncated for ease of viewing

NOTES

1 - Transfer in is from the October balances of NWIGU Deferral account 186278 and Issue Fund Deferral account 186284. Amount from 2010 will just be NWIGU funds contributed are of size to create a rate increment in the future.

2 - Transfer represents a balance true-up adjustment.

**NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2011
Temp by Rate Schedule: 4th Quarter 2011

Schedule	Block	186288	186288	186288	186288	186288
		INTERVENOR	INTERVENOR	INTERVENOR	INTERVENOR	INTERVENOR
		FUNDING -	FUNDING -	FUNDING -	FUNDING -	FUNDING -
		NWIGU FUND	NWIGU FUND	NWIGU FUND	NWIGU FUND	NWIGU FUND
		In Rates	Nov - new Volumes	Nov - new Activity for Mo.	Dec Volumes	Dec Activity for Mo.
1R		N/A	0.0	0.00	0.0	0.00
1C		N/A	0.0	0.00	0.0	0.00
2R		N/A	0.0	0.00	0.0	0.00
3C Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
3I Firm Sales		(0.00006)	169,773.4	(10.19)	607,878.6	(36.47)
Intentionally blank						
19	1st mantle	N/A	0.0	0.00	0.0	0.00
19	add'l mt/s					
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Sales	Block 1	(0.00006)	148,288.9	(8.90)	397,705.8	(23.86)
	Block 2	(0.00006)	417,086.3	(25.03)	1,279,384.1	(76.76)
31I Firm Trans	Block 1	(0.00006)	14,000.0	(0.84)	14,000.0	(0.84)
	Block 2	(0.00006)	84,028.0	(5.04)	104,775.0	(6.29)
31I Interr Sales	Block 1	(0.00006)	11,243.0	(0.67)	14,807.0	(0.89)
	Block 2	(0.00006)	18,453.0	(1.11)	6,301.0	(0.38)
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	(0.00006)	352,514.0	(21.15)	374,913.0	(22.49)
	Block 2	(0.00006)	478,407.0	(28.70)	518,415.0	(31.10)
	Block 3	(0.00006)	207,117.0	(12.43)	231,770.0	(13.91)
	Block 4	(0.00006)	38,297.0	(2.30)	73,197.0	(4.39)
	Block 5	(0.00006)	0.0	0.00	0.0	0.00
	Block 6	(0.00006)	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	(0.00006)	639,657.0	(38.38)	736,466.0	(44.19)
	Block 2	(0.00006)	956,590.0	(57.40)	1,125,114.0	(67.51)
	Block 3	(0.00006)	574,312.0	(34.46)	703,828.0	(42.23)
	Block 4	(0.00006)	1,189,381.0	(71.36)	1,514,154.0	(90.85)
	Block 5	(0.00006)	1,390,502.0	(83.43)	1,751,043.0	(105.06)
	Block 6	(0.00006)	0.0	0.00	63,563.0	(3.81)
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	(0.00006)	545,647.0	(32.74)	579,198.0	(34.75)
	Block 2	(0.00006)	657,220.0	(39.43)	740,650.0	(44.44)
	Block 3	(0.00006)	365,867.0	(21.95)	426,981.0	(25.62)
	Block 4	(0.00006)	594,587.0	(35.68)	748,048.0	(44.88)
	Block 5	(0.00006)	308,076.0	(18.48)	308,203.0	(18.49)
	Block 6	(0.00006)	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	(0.00006)	737,285.0	(44.24)	776,763.0	(46.61)
	Block 2	(0.00006)	1,229,637.0	(73.78)	1,305,504.0	(78.33)
	Block 3	(0.00006)	854,135.0	(51.25)	979,178.0	(58.75)
	Block 4	(0.00006)	2,166,530.0	(129.99)	2,459,499.0	(147.57)
	Block 5	(0.00006)	4,048,149.0	(242.89)	5,705,869.0	(342.35)
	Block 6	(0.00006)	3,227,550.0	(193.65)	9,652,022.0	(579.12)
Intentionally blank						
33		N/A	0.0	0.00	0.0	0.00
TOTALS			21,424,332.6	(1,285.47)	33,199,229.5	(1,991.94)

TOTAL AMORTIZATION (1,285.47) (1,991.94)

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of AMR deferred amounts
 Account Number: 186307
 Docket UG 199
 Amortization of 2009 deferral approved in Order 11-443

Debit (Credit)	Month/Year	Note (b)	Amortization (c)	Transfers (d)	TOTAL Interest (e)	Interest Rate (e1)	Activity (f)	TOTAL Balance (g)
	Beginning Balance							
	Sep-10							0
	Oct-10							0
	Nov-10	1	(83,540)	2,541,396	4,666	2.24%	2,462,522	2,462,522
	Dec-10		(371,376)		4,250	2.24%	(367,126)	2,095,396
	Jan-11		(432,969)		3,507	2.24%	(429,462)	1,665,934
	Feb-11		(341,888)		2,791	2.24%	(339,098)	1,326,836
	Mar-11		(362,110)		2,139	2.24%	(359,971)	966,865
	Apr-11		(267,178)		1,555	2.24%	(265,623)	701,243
	May-11		(205,852)		1,117	2.24%	(204,735)	496,508
	Jun-11		(130,788)		805	2.24%	(129,983)	366,525
	Jul-11		(76,987)		612	2.24%	(76,375)	290,150
	Aug-11		(64,327)		482	2.24%	(63,846)	226,304
	Sep-11		(65,539)		361	2.24%	(65,178)	161,126
	Oct-11		(92,445)		214	2.24%	(92,230)	68,896
	Nov-11	old rates	(106,824)		29	2.24%	(106,796)	(37,900)
		new rates (2)	0	37,900	63	2.01%	37,963	63
	Dec-11		0		0	2.01%	0	64

NOTES

1 - Transfer in is from the October balance of account 186307 Deferral of AMR

2 - Residual balance is transferred to 186279 Earnings Test Amortization

**NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2010
Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	186307 AMR	186307 AMR	186307 AMR	186307 AMR	186307 AMR
		AMORT	AMORT	AMORT	AMORT	AMORT
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - old rates Volumes	Nov - old rates Activity for Mo.
1R		(0.00734)	32,564.7	(239.02)	32,746.1	(240.36)
1C		(0.00509)	5,095.1	(25.93)	8,064.1	(41.05)
2R		(0.00497)	12,103,133.2	(60,152.57)	14,944,343.3	(74,273.39)
3C Firm Sales		(0.00354)	5,893,962.2	(20,864.63)	6,641,568.3	(23,511.15)
Intentionally blank						
3I Firm Sales		(0.00299)	420,072.6	(1,256.02)	310,968.7	(929.80)
Intentionally blank						
19	1st mantle	0.00	1,206.0	0.00	1,170.0	0.00
19	add'l mths					
31C Firm Sales	Block 1	(0.00248)	1,828,925.1	(4,535.73)	1,311,200.2	(3,251.78)
	Block 2	(0.00226)	1,069,100.2	(2,416.17)	1,347,269.5	(3,044.83)
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	(0.00212)	17,824.0	(37.79)	0.0	0.00
	Block 2	(0.00193)	63,892.0	(123.31)	0.0	0.00
31I Firm Sales	Block 1	(0.00207)	393,185.3	(813.89)	242,394.0	(501.76)
	Block 2	(0.00187)	996,546.1	(1,863.54)	539,649.4	(1,009.14)
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	(0.00271)	15,146.0	(41.05)	2,000.0	(5.42)
	Block 2	(0.00245)	30,741.0	(75.32)	6,450.0	(15.80)
32C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			22,871,393.5	(92,444.97)	25,387,823.6	(106,824.48)

TOTAL AMORTIZATION

(92,444.97)

(106,824.48)

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of Industrial DSM Costs
 Account Number: 186233
 Dockets UG 207 and UM 1420
 Amortization of 09-10 deferral approved in Order 10-431
 Amortization of 10-11 deferral approved in Order 11-447

Debit (Credit)	Month/Year	Note (b)	Amortization (c)	Transfers (d)	TOTAL Interest (e)	Interest Rate (e1)	Activity (f)	TOTAL Balance (g)
	Beginning Balance							
	Sep-10							0
	Oct-10							
	Nov-10	1	(138,357)	938,043	1,622	2.24%	801,308	801,308
	Dec-10		(95,116)		1,407	2.24%	(93,709)	707,599
	Jan-11		(100,214)		1,227	2.24%	(98,987)	608,612
	Feb-11		(93,002)		1,049	2.24%	(91,952)	516,660
	Mar-11		(93,364)		877	2.24%	(92,487)	424,173
	Apr-11		(84,787)		713	2.24%	(84,074)	340,099
	May-11		(75,444)		564	2.24%	(74,879)	265,219
	Jun-11		(64,609)		435	2.24%	(64,174)	201,045
	Jul-11		(61,529)		318	2.24%	(61,211)	139,834
	Aug-11		(61,460)		204	2.24%	(61,257)	78,578
	Sep-11		(63,421)		87	2.24%	(63,333)	15,245
	Oct-11		(78,304)		(45)	2.24%	(78,349)	(63,104)
	Nov-11	old rates	(12,192)		(129)	2.24%	(12,321)	(75,425)
		new rates (1)	(133,158)	1,798,220	2,901	2.01%	1,667,963	1,592,538
	Dec-11		(178,389)		2,518	2.01%	(175,871)	1,416,667

NOTES

1 - Transfer in is from the October balance of 186232 Deferral of Industrial DSM

**NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA**

Summary of Temporary Increment by Rate Sch
Rates Effective November 1, 2010
Temp by Rate Schedule: 4th Quarter 2011

Schedule	Block	186233	186233	186233	186233	186233
		INDUSTRIAL DSM	INDUSTRIAL DSM	INDUSTRIAL DSM	INDUSTRIAL DSM	INDUSTRIAL DSM
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - old rates Volumes	Nov - old rates Activity for Mo.
1R		N/A	0.0	0.00	0.0	0.00
1C		N/A	0.0	0.00	0.0	0.00
2R		N/A	0.0	0.00	0.0	0.00
3C Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
31 Firm Sales		(0.00955)	420,072.6	(4,011.69)	310,968.7	(2,969.75)
Intentionally blank						
19	1st mantle	N/A	0.0	0.00	0.0	0.00
19	add'l mths					
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Sales	Block 1	(0.00955)	393,185.3	(3,754.92)	242,394.0	(2,314.86)
	Block 2	(0.00955)	996,546.1	(9,517.02)	539,649.4	(5,153.65)
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	(0.00955)	15,146.0	(144.64)	2,000.0	(19.10)
	Block 2	(0.00955)	30,741.0	(293.58)	6,450.0	(61.60)
32C Firm Sales	Block 1	(0.00955)	503,047.0	(4,804.10)	20,366.0	(194.50)
	Block 2	(0.00955)	332,801.0	(3,178.25)	6,306.0	(60.22)
	Block 3	(0.00955)	24,126.0	(230.40)	0.0	0.00
	Block 4	(0.00955)	0.0	0.00	0.0	0.00
	Block 5	(0.00955)	0.0	0.00	0.0	0.00
	Block 6	(0.00955)	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	(0.00955)	411,094.0	(3,925.95)	20,058.0	(191.55)
	Block 2	(0.00955)	536,582.0	(5,124.36)	29,002.0	(276.97)
	Block 3	(0.00955)	183,092.0	(1,748.53)	11,198.0	(106.94)
	Block 4	(0.00955)	16,629.0	(158.81)	0.0	0.00
	Block 5	(0.00955)	0.0	0.00	0.0	0.00
	Block 6	(0.00955)	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	(0.00955)	413,387.0	(3,947.85)	(2,048.0)	19.56
	Block 2	(0.00955)	530,968.0	(5,070.74)	20,706.0	(197.74)
	Block 3	(0.00955)	265,126.0	(2,531.95)	21,064.0	(201.16)
	Block 4	(0.00955)	397,063.0	(3,791.95)	636.0	(6.07)
	Block 5	(0.00955)	0.0	0.00	0.0	0.00
	Block 6	(0.00955)	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	(0.00955)	580,612.0	(5,544.84)	20,505.0	(195.82)
	Block 2	(0.00955)	733,504.0	(7,004.96)	20,147.0	(192.40)
	Block 3	(0.00955)	414,843.0	(3,961.75)	7,219.0	(68.94)
	Block 4	(0.00955)	707,396.0	(6,755.63)	0.0	0.00
	Block 5	(0.00955)	293,418.0	(2,802.14)	0.0	0.00
	Block 6	(0.00955)	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			8,199,379.0	(78,304.06)	1,276,621.1	(12,191.71)

TOTAL AMORTIZATION

(78,304.06)

(12,191.71)

**NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2011
Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	186233	186233	186233	186233	186233
		INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL
		DSM	DSM	DSM	DSM	DSM
		In Rates	Nov - new rates Volumes	Nov - new rates Activity for Mo.	Dec Volumes	Dec Activity for Mo.
1R		N/A	0.0	0.00	0.0	0.00
1C		N/A	0.0	0.00	0.0	0.00
2R		N/A	0.0	0.00	0.0	0.00
3C Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank						
3I Firm Sales		(0.01713)	169,273.4	(2,908.22)	607,878.6	(10,412.96)
Intentionally blank						
19	1st mantle	N/A	0.0	0.00	0.0	0.00
19	add'l mtls					
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Firm Sales	Block 1	(0.01713)	148,288.9	(2,540.19)	397,705.8	(6,812.70)
	Block 2	(0.01713)	417,086.3	(7,144.69)	1,279,384.1	(21,915.85)
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	(0.01713)	11,243.0	(192.59)	14,807.0	(253.64)
	Block 2	(0.01713)	18,453.0	(316.10)	6,301.0	(107.94)
32C Firm Sales	Block 1	(0.01713)	475,287.0	(8,141.67)	506,211.0	(8,671.39)
	Block 2	(0.01713)	577,254.0	(9,888.36)	629,732.0	(10,787.31)
	Block 3	(0.01713)	161,139.0	(2,760.31)	303,420.0	(5,197.58)
	Block 4	(0.01713)	38,970.0	(667.56)	91,645.0	(1,569.88)
	Block 5	(0.01713)	0.0	0.00	0.0	0.00
	Block 6	(0.01713)	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	(0.01713)	352,514.0	(6,038.56)	374,913.0	(6,422.26)
	Block 2	(0.01713)	478,407.0	(8,195.11)	518,415.0	(8,880.45)
	Block 3	(0.01713)	207,117.0	(3,547.91)	231,770.0	(3,970.22)
	Block 4	(0.01713)	38,297.0	(656.03)	73,197.0	(1,253.86)
	Block 5	(0.01713)	0.0	0.00	0.0	0.00
	Block 6	(0.01713)	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	(0.01713)	442,645.0	(7,582.51)	436,366.0	(7,474.95)
	Block 2	(0.01713)	714,677.0	(12,242.42)	748,319.0	(12,818.70)
	Block 3	(0.01713)	412,634.0	(7,068.42)	475,119.0	(8,138.79)
	Block 4	(0.01713)	614,503.0	(10,526.44)	836,535.0	(14,329.84)
	Block 5	(0.01713)	23,673.0	(405.52)	79,037.0	(1,353.90)
	Block 6	(0.01713)	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	(0.01713)	545,647.0	(9,346.93)	579,198.0	(9,921.66)
	Block 2	(0.01713)	657,220.0	(11,258.18)	740,650.0	(12,687.33)
	Block 3	(0.01713)	365,867.0	(6,267.30)	426,981.0	(7,314.18)
	Block 4	(0.01713)	594,587.0	(10,185.28)	748,048.0	(12,814.06)
	Block 5	(0.01713)	308,076.0	(5,277.34)	308,203.0	(5,279.52)
	Block 6	(0.01713)	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			7,773,358.6	(133,157.64)	10,413,835.5	(178,388.97)
TOTAL AMORTIZATION				<u>(133,157.64)</u>		<u>(178,388.97)</u>

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortize PUC Fee Refund & Billing SQM Penalty
 Account Number: 186237

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
Debit	(Credit)	Month/Year	Note	Amortization	Transfers	Interest	Interest Rate	Activity	Balance																												
(a)	(b)	(c)	(d)	(e)	(f)	(g)																															
Sep-10									0																												
Oct-10																																					
Nov-10	1		35,752	(1,748)	(954,303)	2.24%	(920,298)	(920,298)	(920,298)																												
Dec-10			140,762	(1,587)		2.24%	139,176	139,176	(781,122)																												
Jan-11			163,520	(1,305)		2.24%	162,214	162,214	(618,908)																												
Feb-11			130,063	(1,034)		2.24%	129,029	129,029	(489,879)																												
Mar-11			137,450	(786)		2.24%	136,664	136,664	(353,215)																												
Apr-11			102,665	(564)		2.24%	102,102	102,102	(251,113)																												
May-11			80,021	(394)		2.24%	79,627	79,627	(171,486)																												
Jun-11			52,267	(271)		2.24%	51,995	51,995	(119,491)																												
Jul-11			32,543	(193)		2.24%	32,350	32,350	(87,141)																												
Aug-11			28,051	(136)		2.24%	27,915	27,915	(59,226)																												
Sep-11			28,485	(84)		2.24%	28,401	28,401	(30,824)																												
Oct-11	2		38,851	(21)	23	2.24%	38,853	38,853	8,029																												
Nov-11			39,416	52		2.24%	39,468	39,468	47,496																												
Nov-11	3			0	(47,496)	2.24%	(47,496)	(47,496)	0																												
Dec-11			0	0		2.24%	0	0	0																												

NOTES

- 1** - Transfers in from 186236 PUC Fee Refund Deferral and residual from 186370 Pension Credit Refund
- 2** - Transfer represents a balance true-up adjustment
- 3** - Transfer residual balance to 186279 Earnings Test Amortization

NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA
 Summary of Temporary Increment by Rate Schedule
 Rates Effective November 1, 2010
 Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	186237 PUC	186237 PUC	186237 PUC	186237 PUC	186237 PUC
		FEE REFUND	FEE REFUND	FEE REFUND	FEE REFUND	FEE REFUND
		Oct	Oct	Oct	Nov - old rates	Nov - old rates
		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Mo.
1R		0.00267	32,564.7	86.95	32,746.1	87.43
1C		0.00186	5,095.1	9.48	8,064.1	15.00
2R		0.00181	12,103,133.2	21,906.67	14,944,343.3	27,049.26
3C Firm Sales		0.00129	5,893,962.2	7,603.21	6,641,568.3	8,567.62
Intentionally blank						
3I Firm Sales		0.00109	420,072.6	457.89	310,968.7	338.96
Intentionally blank						
19	1st mantle	0.00	1,206.0	0.00	1,170.0	0.00
19	add'l mtls					
31C Firm Sales	Block 1	0.00090	1,828,925.1	1,646.03	1,311,200.2	1,180.08
	Block 2	0.00083	1,069,100.2	887.35	1,347,269.5	1,118.23
31C Firm Trans	Block 1	0.00071	16,000.0	11.36	0.0	0.00
	Block 2	0.00064	126,341.0	80.86	0.0	0.00
31C Interr Sales	Block 1	0.00078	17,824.0	13.90	0.0	0.00
	Block 2	0.00071	63,892.0	45.36	0.0	0.00
31I Firm Sales	Block 1	0.00076	393,185.3	298.82	242,394.0	184.22
	Block 2	0.00068	996,546.1	677.65	539,649.4	366.96
31I Firm Trans	Block 1	0.00066	10,000.0	6.60	0.0	0.00
	Block 2	0.00060	34,000.0	20.40	0.0	0.00
31I Interr Sales	Block 1	0.00099	15,146.0	14.99	2,000.0	1.98
	Block 2	0.00089	30,741.0	27.36	6,450.0	5.74
32C Firm Sales	Block 1	0.00048	503,047.0	241.46	20,366.0	9.78
	Block 2	0.00041	332,801.0	136.45	6,306.0	2.59
	Block 3	0.00029	24,126.0	7.00	0.0	0.00
	Block 4	0.00017	0.0	0.00	0.0	0.00
	Block 5	0.00010	0.0	0.00	0.0	0.00
	Block 6	0.00005	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	0.00046	411,094.0	189.10	20,058.0	9.23
	Block 2	0.00039	536,582.0	209.27	29,002.0	11.31
	Block 3	0.00027	183,092.0	49.43	11,198.0	3.02
	Block 4	0.00016	16,629.0	2.66	0.0	0.00
	Block 5	0.00009	0.0	0.00	0.0	0.00
	Block 6	0.00005	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	0.00040	572,002.0	228.80	60,000.0	24.00
	Block 2	0.00034	917,231.0	311.86	110,845.0	37.69
	Block 3	0.00024	591,371.0	141.93	78,291.0	18.79
	Block 4	0.00014	1,102,844.0	154.40	115,800.0	16.21
	Block 5	0.00008	1,249,904.0	99.99	8,086.0	0.65
	Block 6	0.00004	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	0.00043	413,387.0	177.76	(2,048.0)	(0.88)
	Block 2	0.00036	530,968.0	191.15	20,706.0	7.45
	Block 3	0.00025	265,126.0	66.28	21,064.0	5.27
	Block 4	0.00015	397,063.0	59.56	636.0	0.10
	Block 5	0.00009	0.0	0.00	0.0	0.00
	Block 6	0.00004	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	0.00043	580,612.0	249.66	20,505.0	8.82
	Block 2	0.00036	733,504.0	264.06	20,147.0	7.25
	Block 3	0.00025	414,843.0	103.71	7,219.0	1.80
	Block 4	0.00015	707,396.0	106.11	0.0	0.00
	Block 5	0.00009	293,418.0	26.41	0.0	0.00
	Block 6	0.00004	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	0.00038	798,286.0	303.35	29,255.0	11.12
	Block 2	0.00032	1,380,462.0	441.75	40,000.0	12.80
	Block 3	0.00022	980,316.0	215.67	40,000.0	8.80
	Block 4	0.00014	2,539,727.0	355.56	200,000.0	28.00
	Block 5	0.00008	5,499,794.0	439.98	1,200,000.0	96.00
	Block 6	0.00004	7,073,793.0	282.95	4,512,288.0	180.49
Intentionally blank						
33		0.00002	0.0	0.00	0.0	0.00
TOTALS			52,107,142.5	38,851.18	31,957,547.6	39,415.77

TOTAL AMORTIZATION

38,851.18

39,415.77

Company: Northwest Natural Gas Company
 State: Oregon
 Description: AMORT Earnings Test Adjustment
 Account Number: 186279
 Docket UM 903
 Amortization of 2010 deferral balance approved in Order 11-448

1	2	3	4	5	6	7	8	9	10	11	12	13
Debit	(Credit)	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes		
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)			
		Beginning Balance	1	8,179	9,596	2.01%	(334)	17,442	(213,000)	Transfer in from 186011		
		Nov-11 new	(2)	27,947		2.01%	(304)	27,643	(195,559)	Transfer in from 186307 & 186237		
		Dec-11							(167,915)			

NOTES

- 1** - Transfer in from 186011 Earnings Sharing
- 2** - Transfer residual balances in from 186307 (AMR Amort) and 186237 (PUC Fee Amort)

NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA
Summary of Temporary Increment by Rate Sch
Rates Effective November 1, 2011
Temp by Rate Schedule: 4th Quarter 2011

Schedule	Block	186279	186279	186279	186279	186279
		EARNINGS	EARNINGS	EARNINGS	EARNINGS	EARNINGS
		SHARING	SHARING	SHARING	SHARING	SHARING
		In Rates	Nov - new rates	Nov - new	Dec	Dec
			Volumes	Activity for Mo.	Volumes	Activity for Mo.
1R		0.00051	26,388.9	13.46	105,327.4	53.72
1C		0.00035	3,510.3	1.23	23,620.2	8.27
2R		0.00034	15,670,181.1	5,327.86	57,141,972.5	19,428.27
3C Firm Sales		0.00024	5,524,299.4	1,325.83	23,464,163.9	5,631.40
Intentionally blank						
3I Firm Sales		0.00020	169,773.4	33.95	607,878.6	121.58
Intentionally blank						
19	1st mantle	0.00	0.0	0.00	1,206.0	0.00
19	add'l mtfs					
31C Firm Sales	Block 1	0.00017	902,114.3	153.36	2,301,291.3	391.22
	Block 2	0.00016	1,364,721.1	218.36	5,456,924.7	873.11
31C Firm Trans	Block 1	0.00013	37,882.0	4.92	25,943.0	3.37
	Block 2	0.00012	197,140.0	23.66	44,588.0	5.35
31C Interr Sales	Block 1	0.00015	19,176.0	2.88	19,366.0	2.90
	Block 2	0.00014	141,312.0	19.78	187,135.0	26.20
31I Firm Sales	Block 1	0.00014	148,288.9	20.76	397,705.8	55.68
	Block 2	0.00013	417,086.3	54.22	1,279,384.1	166.32
31I Firm Trans	Block 1	0.00014	14,000.0	1.96	14,000.0	1.96
	Block 2	0.00012	84,028.0	10.08	104,775.0	12.57
31I Interr Sales	Block 1	0.00017	11,243.0	1.91	14,807.0	2.52
	Block 2	0.00015	18,453.0	2.77	6,301.0	0.95
32C Firm Sales	Block 1	0.00010	475,287.0	47.53	506,211.0	50.62
	Block 2	0.00008	577,254.0	46.18	629,732.0	50.38
	Block 3	0.00006	161,139.0	9.67	303,420.0	18.21
	Block 4	0.00003	38,970.0	1.17	91,645.0	2.75
	Block 5	0.00002	0.0	0.00	0.0	0.00
	Block 6	0.00001	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	0.00009	352,514.0	31.73	374,913.0	33.74
	Block 2	0.00008	478,407.0	38.27	518,415.0	41.47
	Block 3	0.00005	207,117.0	10.36	231,770.0	11.59
	Block 4	0.00003	38,297.0	1.15	73,197.0	2.20
	Block 5	0.00002	0.0	0.00	0.0	0.00
	Block 6	0.00001	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	0.00008	639,657.0	51.17	736,466.0	58.92
	Block 2	0.00007	956,590.0	66.96	1,125,114.0	78.76
	Block 3	0.00005	574,312.0	28.72	703,828.0	35.19
	Block 4	0.00003	1,189,381.0	35.68	1,514,154.0	45.42
	Block 5	0.00002	1,390,502.0	27.81	1,751,043.0	35.02
	Block 6	0.00001	0.0	0.00	63,563.0	0.64
32C Interr Sales	Block 1	0.00009	442,645.0	39.84	436,366.0	39.27
	Block 2	0.00008	714,677.0	57.17	748,319.0	59.87
	Block 3	0.00005	412,634.0	20.63	475,119.0	23.76
	Block 4	0.00003	614,503.0	18.44	836,535.0	25.10
	Block 5	0.00002	23,673.0	0.47	79,037.0	1.58
	Block 6	0.00001	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	0.00008	545,647.0	43.65	579,198.0	46.34
	Block 2	0.00007	657,220.0	46.01	740,650.0	51.85
	Block 3	0.00005	365,867.0	18.29	426,981.0	21.35
	Block 4	0.00003	594,587.0	17.84	748,048.0	22.44
	Block 5	0.00002	308,076.0	6.16	308,203.0	6.16
	Block 6	0.00001	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	0.00007	737,285.0	51.61	776,763.0	54.37
	Block 2	0.00006	1,229,637.0	73.78	1,305,504.0	78.33
	Block 3	0.00004	854,135.0	34.17	979,178.0	39.17
	Block 4	0.00003	2,166,530.0	65.00	2,459,499.0	73.78
	Block 5	0.00001	4,048,149.0	40.48	5,705,869.0	57.06
	Block 6	0.00001	3,227,550.0	32.28	9,652,022.0	96.52
Intentionally blank						
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			48,771,839.7	8,179.21	126,077,151.5	27,947.25

TOTAL AMORTIZATION

8,179.21

27,947.25

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of Oregon WACOG Deferral
 Account Number: 191401
 Current docket is UG 205
 Current reauthorization to defer was granted in Order No. 11-445

Debit (Credit)	Month/Year	Note	Amortization	Transfers	Interest	Interest rate	Activity	Balance
	(a)	(b)	(c)	(d)	(e)	(e2)	(f)	(g)
Beginning Balance								
Jan-10			4,686,911		(44,681)	2.05%	4,642,230	(23,856,131)
Feb-10			3,496,885		(37,767)	2.05%	3,459,117	(20,397,013)
Mar-10			3,098,843		(32,198)	2.05%	3,066,645	(17,330,368)
Apr-10			3,024,257		(27,023)	2.05%	2,997,234	(14,333,134)
May-10			2,349,961		(22,479)	2.05%	2,327,483	(12,005,651)
Jun-10			1,832,969		(18,944)	2.05%	1,814,025	(10,191,626)
Jul-10			1,221,957		(16,367)	2.05%	1,205,590	(8,986,036)
Aug-10			1,054,268		(14,451)	2.05%	1,039,817	(7,946,219)
Sep-10			1,132,712		(12,607)	2.05%	1,120,104	(6,826,115)
Oct-10			1,406,423		(10,460)	2.05%	1,395,963	(5,430,152)
Nov-10 old rates			1,054,050		(8,376)	2.05%	1,045,674	(4,384,478)
Nov-10 new rates (1)			986,672	(17,304,992)	(31,382)	2.24%	(16,349,701)	(20,734,179)
Dec-10			2,796,096		(36,094)	2.24%	2,760,002	(17,974,177)
Jan-11			3,224,984		(30,542)	2.24%	3,194,443	(14,779,734)
Feb-11			2,593,139		(25,169)	2.24%	2,567,970	(12,211,764)
Mar-11			2,732,565		(20,245)	2.24%	2,712,321	(9,499,444)
Apr-11			2,069,043		(15,801)	2.24%	2,053,242	(7,446,202)
May-11			1,632,022		(12,376)	2.24%	1,619,645	(5,826,557)
Jun-11			1,098,967		(9,851)	2.24%	1,089,116	(4,737,441)
Jul-11			725,713		(8,166)	2.24%	717,547	(4,019,893)
Aug-11			636,267		(6,910)	2.24%	629,358	(3,390,536)
Sep-11			651,360		(5,721)	2.24%	645,639	(2,744,896)
Oct-11		2	874,732	261	(4,307)	2.24%	870,686	(1,874,210)
Nov-11 old rates			767,243		(2,782)	2.24%	764,461	(1,109,750)
Nov-11 new rates (1)			803,853	(16,767,705)	(27,413)	2.01%	(15,991,265)	(17,101,014)
Dec-11			2,550,240		(26,508)	2.01%	2,523,732	(14,577,283)

History truncated for ease of viewing

NOTES:

- 1 - Transfer in is from the October balances of deferral account 191400, and in 2010, residual from account 186306
- 2 - Transfer represents a balance true-up adjustment

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**NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2010
Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	191401	191401 AMORT	191401 AMORT	191401 AMORT	191401 AMORT
		WACOG OR	WACOG OR	WACOG OR	WACOG OR	WACOG OR
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - old rates Volumes	Nov - old rates Activity for Mo.
1R		0.02955	32,564.7	962.29	32,746.1	967.65
1C		0.02955	5,095.1	150.56	8,064.1	238.29
2R		0.02955	12,103,133.2	357,647.59	14,944,343.3	441,605.34
3C Firm Sales		0.02955	5,893,962.2	174,166.58	6,641,568.3	196,258.34
Intentionally blank						
3I Firm Sales		0.02955	420,072.6	12,413.15	310,968.7	9,189.13
Intentionally blank						
19	1st mantle	0.56	1,206.0	35.36	1,170.0	34.30
19	add'l mtls					
31C Firm Sales	Block 1	0.02955	1,828,925.1	54,044.74	1,311,200.2	38,745.97
	Block 2	0.02955	1,069,100.2	31,591.91	1,347,269.5	39,811.81
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	0.02955	17,824.0	526.70	0.0	0.00
	Block 2	0.02955	63,892.0	1,888.01	0.0	0.00
31I Firm Sales	Block 1	0.02955	393,185.3	11,618.63	242,394.0	7,162.74
	Block 2	0.02955	996,546.1	29,447.94	539,649.4	15,946.64
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	0.02955	15,146.0	447.56	2,000.0	59.10
	Block 2	0.02955	30,741.0	908.40	6,450.0	190.60
32C Firm Sales	Block 1	0.02955	503,047.0	14,865.04	20,366.0	601.82
	Block 2	0.02955	332,801.0	9,834.27	6,306.0	186.34
	Block 3	0.02955	24,126.0	712.92	0.0	0.00
	Block 4	0.02955	0.0	0.00	0.0	0.00
	Block 5	0.02955	0.0	0.00	0.0	0.00
	Block 6	0.02955	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	0.02955	411,094.0	12,147.83	20,058.0	592.71
	Block 2	0.02955	536,582.0	15,856.00	29,002.0	857.01
	Block 3	0.02955	183,092.0	5,410.37	11,198.0	330.90
	Block 4	0.02955	16,629.0	491.39	0.0	0.00
	Block 5	0.02955	0.0	0.00	0.0	0.00
	Block 6	0.02955	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	0.02955	413,387.0	12,215.59	(2,048.0)	(60.52)
	Block 2	0.02955	530,968.0	15,690.10	20,706.0	611.86
	Block 3	0.02955	265,126.0	7,834.47	21,064.0	622.44
	Block 4	0.02955	397,063.0	11,733.21	636.0	18.79
	Block 5	0.02955	0.0	0.00	0.0	0.00
	Block 6	0.02955	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	0.02955	580,612.0	17,157.08	20,505.0	605.92
	Block 2	0.02955	733,504.0	21,675.04	20,147.0	595.34
	Block 3	0.02955	414,843.0	12,258.61	7,219.0	213.32
	Block 4	0.02955	707,396.0	20,903.55	0.0	0.00
	Block 5	0.02955	293,418.0	8,670.50	0.0	0.00
	Block 6	0.02955	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			29,215,081.5	863,305.39	25,562,982.6	755,385.84
				Amortization for Switchers See pp 24-25 for details	11,426.40	11,857.14
TOTAL AMORTIZATION					874,731.79	767,242.98

**NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2011
Temps by Rate Schedule: 4th Quarter 2011

Schedule	Block	191401	191401 AMORT	191401 AMORT	191401 AMORT	191401 AMORT
		AMORT	WACOG OR	WACOG OR	WACOG OR	WACOG OR
		WACOG OR	In Rates	Nov - new rates Volumes	Nov - new rates Activity for Mo.	Dec Volumes
1R		0.02558	26,388.9	675.03	105,327.4	2,694.27
1C		0.02558	3,510.3	89.79	23,620.2	604.20
2R		0.02558	15,670,181.1	400,843.23	57,141,972.5	1,461,691.66
3C Firm Sales		0.02558	5,524,299.4	141,311.58	23,464,163.9	600,213.31
Intentionally blank						
3I Firm Sales		0.02558	169,773.4	4,342.80	607,878.6	15,549.53
Intentionally blank						
19	1st mantle	0.49	0.0	0.00	1,206.0	30.94
19	add'l mtls					
31C Firm Sales	Block 1	0.02558	902,114.3	23,076.08	2,301,291.3	58,867.03
	Block 2	0.02558	1,364,721.1	34,909.57	5,456,924.7	139,588.13
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	0.02558	19,176.0	490.52	19,366.0	495.38
	Block 2	0.02558	141,312.0	3,614.76	187,135.0	4,786.91
31I Firm Sales	Block 1	0.02558	148,288.9	3,793.23	397,705.8	10,173.31
	Block 2	0.02558	417,086.3	10,669.07	1,279,384.1	32,726.65
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	0.02558	11,243.0	287.60	14,807.0	378.76
	Block 2	0.02558	18,453.0	472.03	6,301.0	161.18
32C Firm Sales	Block 1	0.02558	475,287.0	12,157.84	506,211.0	12,948.88
	Block 2	0.02558	577,254.0	14,766.16	629,732.0	16,108.54
	Block 3	0.02558	161,139.0	4,121.94	303,420.0	7,761.48
	Block 4	0.02558	38,970.0	996.85	91,645.0	2,344.28
	Block 5	0.02558	0.0	0.00	0.0	0.00
	Block 6	0.02558	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	0.02558	352,514.0	9,017.31	374,913.0	9,590.27
	Block 2	0.02558	478,407.0	12,237.65	518,415.0	13,261.06
	Block 3	0.02558	207,117.0	5,298.05	231,770.0	5,928.68
	Block 4	0.02558	38,297.0	979.64	73,197.0	1,872.38
	Block 5	0.02558	0.0	0.00	0.0	0.00
	Block 6	0.02558	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	0.02558	442,645.0	11,322.86	436,366.0	11,162.24
	Block 2	0.02558	714,677.0	18,281.44	748,319.0	19,142.00
	Block 3	0.02558	412,634.0	10,555.18	475,119.0	12,153.54
	Block 4	0.02558	614,503.0	15,718.99	836,535.0	21,398.57
	Block 5	0.02558	23,673.0	605.56	79,037.0	2,021.77
	Block 6	0.02558	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	0.02558	545,647.0	13,957.65	579,198.0	14,815.88
	Block 2	0.02558	657,220.0	16,811.69	740,650.0	18,945.83
	Block 3	0.02558	365,867.0	9,358.88	426,981.0	10,922.17
	Block 4	0.02558	594,587.0	15,209.54	748,048.0	19,135.07
	Block 5	0.02558	308,076.0	7,880.58	308,203.0	7,883.83
	Block 6	0.02558	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank						
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			31,425,061.7	803,853.10	99,114,842.50	2,535,357.73
			Amortization for Switchers See p 26 for details	0.00		14,882.49
TOTAL AMORTIZATION				<u>803,853.10</u>		<u>2,550,240.22</u>

**NW Natural
4th Quarter 2011 Quarterly Deferred Accounting Report
Detail of Commodity Deferrals Refunded to Transportation Customers who have Switched from Sales Service**

Per Rate Schedules 31 and 32, customers are subject to the Account 191 portion of the Temporary Adjustment based on the type of service they had during the PGA year in which the deferral was created.

Billed Rate Adj Spreadsheet as of 11/03/2011 4:52 AM
Job: CNNBLRJRPC/CNNBLRJR

For Revenue Date: 10/2011

State	Rate Adj Type	Rate Adj Adjustm nt	Rate		Revenue Code	Revenue Code Desc	Rate Adj		Rate Schedule		Rate Adj Amount
			Schedule	Code			Therms	Therms	Therms	Therms	
OR	ADJC	31SDC	OR Sales-Deferred	Commc 31CTF	COM T	Commercial Transport	9504	142341			-288.92
OR	ADJC	31SDC	OR Sales-Deferred	Commc 31ITF	FRM T	Industrial Firm Transpo	5895	44000			-179.21
OR	ADJC	32SDC	OR Sales-Deferred	Commc 32ITF	FRM T	Industrial Firm Transpo	249902	4664962			-7597.01
OR	ADJC	32SDC	OR Sales-Deferred	Commc 32CTI	INT T	Industrial Interr Transp	67688	945571			-2057.72
OR	ADJC	32SDC	OR Sales-Deferred	Commc 32ITI	INT T	Industrial Interr Transp	53703	17381164			-1632.57
WA	ADJC	SDC42	WA Sales-Deferred	Commi.142TI	INT T	Industrial Interr Transp	104534	988073			-4055.92
Oregon											
							Firm				(8,065.14)
							Interruptible				(3,690.29)
											(11,755.43)
Washington											
							Firm				0.00
							Interruptible				(4,055.92)
											0.00
Oregon											
							To Amortize:				2.799%
							Firm			w/out Rev Sens	7,839.40
							Interruptible				3,587.00
											11,426.40
Washington											
							To Amortize:				4.372%
							Firm			w/out Rev Sens	0.00
							Interruptible				3,878.60
											3,878.60

NW Natural
 4th Quarter 2011 Quarterly Deferred Accounting Report
 Detail of Commodity Deferrals Refunded to Transportation Customers who have Switched from Sales Service

Per Rate Schedules 31 and 32, customers are subject to the Account 191 portion of the Temporary Adjustment based on the type of service they had during the PGA year in which the deferral was created.

Billed Rate Adj Spreadsheet as of 12/03/2011 7:47 AM
 Job: CNNBLRIRPC/CNNBLRIRJP

For Revenue Date: 11/2011

State	Rate Type	Rate Adjustment	Rate Adv Desc	Rate Schedule	Revenue Code	Revenue Code Desc	Rate Adj Therms	Rate Schedule Therms	Rate Adj Amount
OR	ADJC	31SDC	OR Sales-Deferred Commodity 31CTF	COM T	Commercial Transport Servic		39702	235022	-1045.35
OR	ADJC	31SDC	OR Sales-Deferred Commodity 31ITF	FRM T	Industrial Firm Transport		37050	98028	-975.53
OR	ADJC	32SDC	OR Sales-Deferred Commodity 32CTF	COM T	Commercial Transport Servic		78888	132175	-2077.12
OR	ADJC	32SDC	OR Sales-Deferred Commodity 32ITF	FRM T	Industrial Firm Transport		212746	4926615	-5601.6
OR	ADJC	32SDC	OR Sales-Deferred Commodity 32CTI	INT T	Industrial Interr Transport		68021	1159010	-1790.99
OR	ADJC	32SDC	OR Sales-Deferred Commodity 32ITI	INT T	Industrial Interr Transport		26889	11104276	-707.99
WA	ADJC	SDC41	WA Sales-Deferred Commodity C41TF	COM T	Commercial Transport Servic		16024	16024	-448.67
WA	ADJC	SDC42	WA Sales-Deferred Commodity C42TF	COM T	Commercial Transport Servic		90471	116064	-2533.19

Oregon
 Firm (9,699.60)
 Interruptible (2,498.98)
 (12,198.58)

2.799%
 To Amortize: w/out Rev Sens
 Firm 9,428.11
 Interruptible 2,429.03
 11,857.14

Washington
 Firm (2,981.86)
 Interruptible 0.00
 (2,981.86) 0.00

4.372%
 To Amortize: w/out Rev Sens
 Firm 2,851.49
 Interruptible 0.00
 2,851.49

NW Natural
 4th Quarter 2011 Quarterly Deferred Accounting Report
 Detail of Commodity Deferrals Refunded to Transportation Customers who have Switched from Sales Service

Per Rate Schedules 31 and 32, customers are subject to the Account 191 portion of the Temporary Adjustment based on the type of service they had during the PGA year in which the deferral was created.

Billed Rate Adj Spreadsheet as of 1/05/2012 6:07 AM
 Job: CNNBLRIPC/CNNBLRJP

For Revenue Date: 12/2011

State	Rate Adj Type	Rate Adjustment	Rate Adj Desc	Rate Schedule	Revenue Code	Revenue Code Desc	Rate Adj Therms	Rate Schedule Therms	Rate Adj Amount
OR	ADJC	31SDC	OR Sales-Deferred Commodity	31CTF	COM T	Commercial Transport S	46870	70531	-1234.1
OR	ADJC	31SDC	OR Sales-Deferred Commodity	31ITF	FRM T	Industrial Firm Transport	43037	118775	-1133.17
OR	ADJC	32SDC	OR Sales-Deferred Commodity	32CTF	COM T	Commercial Transport S	100533	370771	-2647.03
OR	ADJC	32SDC	OR Sales-Deferred Commodity	32ITF	FRM T	Industrial Firm Transport	295625	6182105	-7783.8
OR	ADJC	32SDC	OR Sales-Deferred Commodity	32CTI	INT T	Industrial Interr Transport	80095	1319414	-2108.9
OR	ADJC	32SDC	OR Sales-Deferred Commodity	32ITI	INT T	Industrial Interr Transport	15669	23731084	-412.56
WA	ADJC	SDC41	WA Sales-Deferred Commodity	C41TF	COM T	Commercial Transport S	22808	22808	-638.63
WA	ADJC	SDC42	WA Sales-Deferred Commodity	C42TF	COM T	Commercial Transport S	91688	129111	-2567.26

Oregon	
Firm	(12,798.10)
Interruptible	(2,521.46)
	<u>(15,319.56)</u>
To Amortize:	2.853%
Firm	w/out Rev Sens
Interruptible	12,432.97
	<u>2,449.52</u>
	14,882.49
Washington	
Firm	(3,205.89)
Interruptible	0.00
	<u>(3,205.89)</u>
	0.00
To Amortize:	4.372%
Firm	v/out Rev Sens
Interruptible	3,065.73
	<u>0.00</u>
	3,065.73

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Amortization of Oregon Demand Deferral
 Account Number: 191411

Current docket is UG 205
 Current reauthorization to defer was granted in Order No. 11-445

Debit (Credit)	Month/Year (a)	Note (b)	Amortization (c)	Transfers (d)	Interest (e)	Interest Rate	Activity (f)	Balance (g)
	Beginning Balance							
	Jan-10		633,414		(4,790)	2.24%	628,624	(2,254,017)
	Feb-10		460,440		(3,778)	2.24%	456,662	(1,797,354)
	Mar-10		402,882		(2,979)	2.24%	399,903	(1,397,451)
	Apr-10		382,447		(2,252)	2.24%	380,195	(1,017,256)
	May-10		288,266		(1,630)	2.24%	286,636	(730,620)
	Jun-10		219,500		(1,159)	2.24%	218,341	(512,278)
	Jul-10		146,992		(819)	2.24%	146,173	(366,106)
	Aug-10		122,006		(570)	2.24%	121,437	(244,669)
	Sep-10		132,459		(333)	2.24%	132,126	(112,543)
	Oct-10		166,806		(54)	2.24%	166,752	54,208
	Nov-10 old rates		246,697		331	2.24%	247,028	301,237
	new rates (1)		(168,959)	5,556,204	10,214	2.24%	5,397,459	5,698,696
	Dec-10		(445,074)		10,222	2.24%	(434,852)	5,263,844
	Jan-11		(748,032)		9,128	2.24%	(738,905)	4,524,940
	Feb-11		(597,858)		7,889	2.24%	(589,970)	3,934,970
	Mar-11		(631,308)		6,756	2.24%	(624,552)	3,310,418
	Apr-11		(472,114)		5,739	2.24%	(466,376)	2,844,042
	May-11		(369,128)		4,964	2.24%	(364,163)	2,479,879
	Jun-11		(241,770)		4,403	2.24%	(237,367)	2,242,512
	Jul-11		(152,748)		4,043	2.24%	(148,705)	2,093,807
	Aug-11		(131,576)		3,786	2.24%	(127,790)	1,966,018
	Sep-11		(133,159)		3,546	2.24%	(129,613)	1,836,405
	Oct-11		(184,161)	(1,158)	3,256	2.24%	(182,063)	1,654,342
	Nov-11 old rates		(183,139)		2,917	2.24%	(180,222)	1,474,120
	new rates (1)		(13,570)	(543,955)	(922)	2.01%	(58,447)	915,673
	Dec-11		(47,317)		1,494	2.01%	(45,823)	869,850

History truncated for ease of viewing

NOTES:

1 - Transfer in is from the October balances of deferral accounts 191410, 191450, 191417

2 - Transfer represents a balance true-up adjustment

**NW Natural
Rates & Regulatory Affairs
Oregon 2010-11 PGA**

Summary of Temporary Increment by Rate Sch
Rates Effective November 1, 2010
Temp by Rate Schedule: 4th Quarter 2011

Schedule	Block	191411 AMORT		191411 AMORT		191411 AMORT		191411 AMORT	
		DEMAND OR		DEMAND OR		DEMAND OR		DEMAND OR	
		In Rates	Oct Volumes	Activity for Mo.	Nov - old rates	Activity for Mo.	Nov - old rates	Activity for Mo.	
1R		(0.00718)	32,564.7	(233.81)	32,746.1	(235.12)			
1C		(0.00718)	5,095.1	(36.58)	8,064.1	(57.90)			
2R		(0.00718)	12,103,133.2	(86,900.50)	14,944,343.3	(107,300.38)			
3C Firm Sales		(0.00718)	5,893,962.2	(42,318.65)	6,641,568.3	(47,686.46)			
Intentionally blank									
3I Firm Sales		(0.00718)	420,072.6	(3,016.12)	310,968.7	(2,232.76)			
Intentionally blank									
19	1st mantle	(0.14)	1,206.0	(8.84)	1,170.0	(8.58)			
19	add'l mtls								
31C Firm Sales	Block 1	(0.00718)	1,828,925.1	(13,131.68)	1,311,200.2	(9,414.42)			
	Block 2	(0.00718)	1,069,100.2	(7,676.14)	1,347,269.5	(9,673.40)			
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31C Interr Sales	Block 1	(0.00106)	17,824.0	(18.89)	0.0	0.00			
	Block 2	(0.00106)	63,892.0	(67.73)	0.0	0.00			
31I Firm Sales	Block 1	(0.00718)	393,185.3	(2,823.07)	242,394.0	(1,740.39)			
	Block 2	(0.00718)	996,546.1	(7,155.20)	539,649.4	(3,874.68)			
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
31I Interr Sales	Block 1	(0.00106)	15,146.0	(16.05)	2,000.0	(2.12)			
	Block 2	(0.00106)	30,741.0	(32.59)	6,450.0	(6.84)			
32C Firm Sales	Block 1	(0.00718)	503,047.0	(3,611.88)	20,366.0	(146.23)			
	Block 2	(0.00718)	332,801.0	(2,389.51)	6,306.0	(45.28)			
	Block 3	(0.00718)	24,126.0	(173.22)	0.0	0.00			
	Block 4	(0.00718)	0.0	0.00	0.0	0.00			
	Block 5	(0.00718)	0.0	0.00	0.0	0.00			
	Block 6	(0.00718)	0.0	0.00	0.0	0.00			
32I Firm Sales	Block 1	(0.00718)	411,094.0	(2,951.65)	20,058.0	(144.02)			
	Block 2	(0.00718)	536,582.0	(3,852.66)	29,002.0	(208.23)			
	Block 3	(0.00718)	183,092.0	(1,314.60)	11,198.0	(80.40)			
	Block 4	(0.00718)	16,629.0	(119.40)	0.0	0.00			
	Block 5	(0.00718)	0.0	0.00	0.0	0.00			
	Block 6	(0.00718)	0.0	0.00	0.0	0.00			
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
32C Interr Sales	Block 1	(0.00106)	413,387.0	(438.19)	(2,048.0)	2.17			
	Block 2	(0.00106)	530,968.0	(562.83)	20,706.0	(21.95)			
	Block 3	(0.00106)	265,126.0	(281.03)	21,064.0	(22.33)			
	Block 4	(0.00106)	397,063.0	(420.89)	636.0	(0.67)			
	Block 5	(0.00106)	0.0	0.00	0.0	0.00			
	Block 6	(0.00106)	0.0	0.00	0.0	0.00			
32I Interr Sales	Block 1	(0.00106)	580,612.0	(615.45)	20,505.0	(21.74)			
	Block 2	(0.00106)	733,504.0	(777.51)	20,147.0	(21.36)			
	Block 3	(0.00106)	414,843.0	(439.73)	7,219.0	(7.65)			
	Block 4	(0.00106)	707,396.0	(749.84)	0.0	0.00			
	Block 5	(0.00106)	293,418.0	(311.02)	0.0	0.00			
	Block 6	(0.00106)	0.0	0.00	0.0	0.00			
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00			
	Block 2	N/A	0.0	0.00	0.0	0.00			
	Block 3	N/A	0.0	0.00	0.0	0.00			
	Block 4	N/A	0.0	0.00	0.0	0.00			
	Block 5	N/A	0.0	0.00	0.0	0.00			
	Block 6	N/A	0.0	0.00	0.0	0.00			
Intentionally blank		0.00000							
33		0.00000	0.0	0.00	0.0	0.00			
TOTALS			29,215,081.5	(182,445.26)	25,562,982.6	(182,950.74)			
				Amortization for Switchers		(188.15)			
				See p 30-31 for details					
TOTAL AMORTIZATION				(184,160.72)		(183,138.89)			

**NW Natural
Rates & Regulatory Affairs
Oregon 2011-12 PGA**

Summary of Temporary Increment by Rate Schedule
Rates Effective November 1, 2011
Tempa by Rate Schedule: 4th Quarter 2011

6.00						
Schedule	Block	191411 AMORT				
		DEMAND OR	DEMAND OR	DEMAND OR	DEMAND OR	DEMAND OR
		In Rates	Nov - new rates Volumes	Nov - new rates Activity for Mo.	Dec Volumes	Dec Activity for Mo.
1R		(0.00050)	26,388.9	(13.19)	105,327.4	(52.66)
1C		(0.00050)	3,510.3	(1.76)	23,620.2	(11.81)
2R		(0.00050)	15,670,181.1	(7,835.09)	57,141,972.5	(28,570.99)
3C Firm Sales		(0.00050)	5,524,299.4	(2,762.15)	23,464,163.9	(11,732.08)
Intentionally blank		0.00000				
3I Firm Sales		(0.00050)	169,773.4	(84.89)	607,878.6	(303.94)
Intentionally blank		0.00000				
19	1st mantle	(0.01)	0.0	0.00	1,206.0	(0.63)
19	add'l mtls					
31C Firm Sales	Block 1	(0.00050)	902,114.3	(451.06)	2,301,291.3	(1,150.65)
	Block 2	(0.00050)	1,364,721.1	(682.36)	5,456,924.7	(2,728.46)
31C Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	(0.00006)	19,176.0	(1.15)	19,366.0	(1.16)
	Block 2	(0.00006)	141,312.0	(8.48)	187,135.0	(11.23)
31I Firm Sales	Block 1	(0.00050)	148,288.9	(74.14)	397,705.8	(198.85)
	Block 2	(0.00050)	417,086.3	(208.54)	1,279,384.1	(639.69)
31I Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
31I Interr Sales	Block 1	(0.00006)	11,243.0	(0.67)	14,807.0	(0.89)
	Block 2	(0.00006)	18,453.0	(1.11)	6,301.0	(0.38)
32C Firm Sales	Block 1	(0.00050)	475,287.0	(237.64)	506,211.0	(253.11)
	Block 2	(0.00050)	577,254.0	(288.63)	629,732.0	(314.87)
	Block 3	(0.00050)	161,139.0	(80.57)	303,420.0	(151.71)
	Block 4	(0.00050)	38,970.0	(19.49)	91,645.0	(45.82)
	Block 5	(0.00050)	0.0	0.00	0.0	0.00
	Block 6	(0.00050)	0.0	0.00	0.0	0.00
32I Firm Sales	Block 1	(0.00050)	352,514.0	(176.26)	374,913.0	(187.46)
	Block 2	(0.00050)	478,407.0	(239.20)	518,415.0	(259.21)
	Block 3	(0.00050)	207,117.0	(103.56)	231,770.0	(115.89)
	Block 4	(0.00050)	38,297.0	(19.15)	73,197.0	(36.60)
	Block 5	(0.00050)	0.0	0.00	0.0	0.00
	Block 6	(0.00050)	0.0	0.00	0.0	0.00
32 Firm Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	(0.00006)	442,645.0	(26.56)	436,366.0	(26.18)
	Block 2	(0.00006)	714,677.0	(42.88)	748,319.0	(44.90)
	Block 3	(0.00006)	412,634.0	(24.76)	475,119.0	(28.51)
	Block 4	(0.00006)	614,503.0	(36.87)	836,535.0	(50.19)
	Block 5	(0.00006)	23,673.0	(1.42)	79,037.0	(4.74)
	Block 6	(0.00006)	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	(0.00006)	545,647.0	(32.74)	579,198.0	(34.75)
	Block 2	(0.00006)	657,220.0	(39.43)	740,650.0	(44.44)
	Block 3	(0.00006)	365,867.0	(21.95)	426,981.0	(25.62)
	Block 4	(0.00006)	594,587.0	(35.68)	748,048.0	(44.88)
	Block 5	(0.00006)	308,076.0	(18.48)	308,203.0	(18.49)
	Block 6	(0.00006)	0.0	0.00	0.0	0.00
32 Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
Intentionally blank		0.00000				
33		0.00000	0.0	0.00	0.0	0.00
TOTALS			31,425,061.7	(13,569.86)	99,114,842.50	(47,090.79)
			Amortization for Switchers See p 32 for details	0.00		(225.98)
TOTAL AMORTIZATION				<u>(13,569.86)</u>		<u>(47,316.77)</u>

NW Natural
4th Quarter 2011 Quarterly Deferred Accounting Report
Detail of Demand Deferrals Refunded to Transportation Customers who have Switched from Sales Service

Per Rate Schedules 31 and 32, customers are subject to the Account 191 portion of the Temporary Adjustment based on the type of service they had during the PGA year in which the deferral was created.

Billed Rate Adj Spreadsheet as of 11/03/2011 4:54 AM
 Job: CNNBLRJRPC/CNNBLRJRJP

For Revenue Date: 10/2011

State	Adj Type	Rate Adjustment	Rate Adv Desc	Rate Schedule	Revenue Code	Revenue Code Desc	Rate Adj Therms	Rate Schedule Therms	Rate Adj Amount
OR	ADJD	31FDD	OR Firm Sales-Deferred D 31CTF	COM T	Commercial Transport Se	9504	142341	70.23	
OR	ADJD	31FDD	OR Firm Sales-Deferred D 31ITF	FRM T	Industrial Firm Transport	5895	44000	43.56	
OR	ADJD	32FDD	OR Firm Sales-Deferred D 32ITF	FRM T	Industrial Firm Transport	188542	4664962	1393.33	
OR	ADJD	32FDD	OR Firm Sales-Deferred D 32ITI	INT T	Industrial Interr Transport	9292	17381164	68.67	
OR	ADJD	32IDD	OR Intp. Sales-Deferred D 32ITF	FRM T	Industrial Firm Transport	61360	4664962	66.88	
OR	ADJD	32IDD	OR Intp. Sales-Deferred D 32CTI	INT T	Industrial Interr Transport	67688	945571	73.78	
OR	ADJD	32IDD	OR Intp. Sales-Deferred D 32ITI	INT T	Industrial Interr Transport	44411	17381164	48.41	
WA	ADJD	IDD42	WA Intp. Sales-Deferred I 142TI	INT T	Industrial Interr Transport	104534	988073	-1011.89	

Oregon

Firm	1,574.00
Interruptible	190.86
	<u>1,764.86</u>

<u>To Amortize:</u>	2.799%
Firm	w/out Rev Sens
Interruptible	(1,529.94)
	<u>(185.52)</u>
	(1,715.46)

Washington

Firm	0.00
Interruptible	(1,011.89)
	<u>(1,011.89)</u>
	0.00

<u>To Amortize:</u>	4.372%
Firm	w/out Rev Sens
Interruptible	0.00
	<u>967.65</u>
	967.65

NW Natural
4th Quarter 2011 Quarterly Deferred Accounting Report
Detail of Demand Deferrals Refunded to Transportation Customers who have Switched from Sales Service

Per Rate Schedules 31 and 32, customers are subject to the Account 191 portion of the Temporary Adjustment based on the type of service they had during the PGA year in which the deferral was created.

Billed Rate Adj Spreadsheet as of 12/03/2011 10:47 AM
 Job: CNNBLR/RPC/CNNBLR/RP

For Revenue Date: 11/2011

State	Rate Type	Rate Adjustment	Rate Adv Desc	Rate Schedule	Revenue Code	Revenue Code Desc	Rate Adj Therms	Rate Schedule Therms	Rate Adj Amount
OR	ADJD	31FDD	OR Firm Sales-Deferred D	31CTF	COM T	Commercial Transport Se	39702	235022	20.25
OR	ADJD	31FDD	OR Firm Sales-Deferred D	31TF	FRM T	Industrial Firm Transport	37050	98028	18.9
OR	ADJD	32FDD	OR Firm Sales-Deferred D	32CTF	COM T	Commercial Transport Se	78888	132175	40.22
OR	ADJD	32FDD	OR Firm Sales-Deferred D	32TF	FRM T	Industrial Firm Transport	212746	4926615	108.51
OR	ADJD	32IDD	OR Intp. Sales-Deferred D	32CTI	INT T	Industrial Interr Transport	68021	1159010	4.08
OR	ADJD	32IDD	OR Intp. Sales-Deferred D	32TI	INT T	Industrial Interr Transport	26889	11104276	1.61
WA	ADJD	FDD41	WA Firm Sales-Deferred D	C41TF	COM T	Commercial Transport Se	16024	16024	-243.72
WA	ADJD	IDD42	WA Intp. Sales-Deferred D	C42TF	COM T	Commercial Transport Se	90471	116064	-480.4

Oregon Firm 187.88
 Interruptible 5.69
 193.57

To Amortize: 2.799%
 Firm w/out Rev Sens (182.62)
 Interruptible (5.53)
 (188.15)

Washington Firm (724.12)
 Interruptible 0.00
 (724.12) 0.00

To Amortize: 4.372%
 Firm w/out Rev Sens 692.46
 Interruptible 0.00
 692.46

NW Natural
 4th Quarter 2011 Quarterly Deferred Accounting Report
 Detail of Demand Deferrals Refunded to Transportation Customers who have Switched from Sales Service

Per Rate Schedules 31 and 32, customers are subject to the Account 191 portion of the Temporary Adjustment based on the type of service they had during the PGA year in which the deferral was created.

Billed Rate Adj Spreadsheet as of 1/05/2012 6:16 AM
 Job: CNNBLRJRPC/CNNBLRJR

For Revenue Date: 12/2011

State	Rate Adj Type	Rate Adjustment	Rate Adv Desc	Rate Schedule	Revenue Code	Revenue Code Desc	Rate Adj Terms	Rate Schedule Terms	Rate Adj Amount										
OR	ADJD	31FDD	OR Firm Sales-Deferre	31CTF	COM T	Commercial Transpc	46870	70531	23.9										
OR	ADJD	31FDD	OR Firm Sales-Deferre	31ITF	FRM T	Industrial Firm Trans	43037	118775	21.95										
OR	ADJD	32FDD	OR Firm Sales-Deferre	32CTF	COM T	Commercial Transpc	100533	370771	51.28										
OR	ADJD	32FDD	OR Firm Sales-Deferre	32ITF	FRM T	Industrial Firm Trans	248879	6182105	126.93										
OR	ADJD	32IDD	OR Intp. Sales-Deferre	32ITF	FRM T	Industrial Firm Trans	46746	6182105	2.8										
OR	ADJD	32IDD	OR Intp. Sales-Deferre	32CTI	INT T	Industrial Interr Trar	80095	1319414	4.81										
OR	ADJD	32IDD	OR Intp. Sales-Deferre	32ITI	INT T	Industrial Interr Trar	15669	23731084	0.94										
WA	ADJD	FDD41	WA Firm Sales-Deferr	C41TF	COM T	Commercial Transpc	22808	22808	-346.91										
WA	ADJD	IDD42	WA Intp. Sales-Deferr	C42TF	COM T	Commercial Transpc	91688	129111	-486.86										
Oregon																			
							Firm		226.86										
							Interruptible		5.75										
									<u>232.61</u>										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><u>To Amortize:</u></td> <td style="width: 50%; text-align: right;">2.853%</td> </tr> <tr> <td>Firm</td> <td style="text-align: right;">w/out Rev Sens</td> </tr> <tr> <td>Interruptible</td> <td style="text-align: right;">(220.39)</td> </tr> <tr> <td></td> <td style="text-align: right;"><u>(5.59)</u></td> </tr> <tr> <td></td> <td style="text-align: right;">(225.98)</td> </tr> </table>										<u>To Amortize:</u>	2.853%	Firm	w/out Rev Sens	Interruptible	(220.39)		<u>(5.59)</u>		(225.98)
<u>To Amortize:</u>	2.853%																		
Firm	w/out Rev Sens																		
Interruptible	(220.39)																		
	<u>(5.59)</u>																		
	(225.98)																		
Washington																			
							Firm		(833.77)										
							Interruptible		0.00										
									<u>(833.77)</u>										
									0.00										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><u>To Amortize:</u></td> <td style="width: 50%; text-align: right;">4.372%</td> </tr> <tr> <td>Firm</td> <td style="text-align: right;">w/out Rev Sens</td> </tr> <tr> <td>Interruptible</td> <td style="text-align: right;">797.32</td> </tr> <tr> <td></td> <td style="text-align: right;"><u>0.00</u></td> </tr> <tr> <td></td> <td style="text-align: right;">797.32</td> </tr> </table>										<u>To Amortize:</u>	4.372%	Firm	w/out Rev Sens	Interruptible	797.32		<u>0.00</u>		797.32
<u>To Amortize:</u>	4.372%																		
Firm	w/out Rev Sens																		
Interruptible	797.32																		
	<u>0.00</u>																		
	797.32																		

Detail of Decoupling Deferrals

NW Natural
Quarterly Deferred Report of Deferred Accounting Activity
4th Quarter 2011

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of Oregon Residential Decoupling
 Account Number: 186275
 Authorized in dockets UG 143 and UM 1027
 Last deferral reauthorization was Order 10-429 in UM 1027

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
Debit	(Credit)	Month/Year	Note	Deferral	Transfers	8.618%	Interest	Activity	Total																																																																			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(g)	(g)	(g)																																																																			
Beginning Balance																																																																												
Jan-10		2,275,554				50,959		2,326,513	8,284,391																																																																			
Feb-10		2,823,898				69,636		2,893,534	11,177,925																																																																			
Mar-10		1,619,090				86,090		1,705,180	12,883,104																																																																			
Apr-10		1,108,542				96,503		1,205,045	14,088,149																																																																			
May-10		1,239,531				105,627		1,345,159	15,433,308																																																																			
Jun-10		(1,780,002)				104,445		(1,675,557)	13,757,751																																																																			
Jul-10		(479,547)				97,082		(382,466)	13,375,285																																																																			
Aug-10		(291,215)				95,011		(196,204)	13,179,081																																																																			
Sep-10		(157,326)				94,083		(63,243)	13,115,838																																																																			
Oct-10		1,425,115				99,311		1,524,426	14,640,264																																																																			
Nov-10	1	3,620,281		(13,210,032)		23,271		(9,566,480)	5,073,785																																																																			
Dec-10		1,303,080				41,117		1,344,197	6,417,982																																																																			
Jan-11		2,864,207				56,377		2,920,584	9,338,565																																																																			
Feb-11		3,049,640				78,017		3,127,658	12,466,223																																																																			
Mar-11		1,674,150				95,540		1,769,690	14,235,913																																																																			
Apr-11		2,493,837				111,193		2,605,030	16,840,942																																																																			
May-11		1,017,299				124,599		1,141,898	17,982,841																																																																			
Jun-11		(1,115,005)				125,143		(989,862)	16,992,978																																																																			
Jul-11		(547,712)				120,071		(427,641)	16,565,337																																																																			
Aug-11		(34,068)				118,844		84,777	16,650,114																																																																			
Sep-11		238,213				120,431		358,644	17,008,758																																																																			
Oct-11		1,132,450				126,218		1,258,668	18,267,426																																																																			
Nov-11	1	680,279		(17,130,909)		10,605		(16,440,026)	1,827,400																																																																			
Dec-11		5,277,359				32,074		5,309,433	7,136,833																																																																			

History truncated for ease of viewing

NOTES

1 - October balance transferred to account 186277 for amortization

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of Oregon Commercial Decoupling
 Account Number: 186270
 Authorized in dockets UG 143 and UM 1027
 Last deferral reauthorization was Order 10-429 in UM 1027

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Debit	(Credit)	Month/Year	Note	Deferral	Transfers	8.618%	Interest	Activity	Balance											
(a)	(b)	(c)	(d)	(e)	(f)	(g)														
Beginning Balance																				
Jan-10		465,969				8,401		474,370	1,411,160											
Feb-10		954,560				13,562		968,122	2,379,283											
Mar-10		317,097				18,226		335,323	2,714,606											
Apr-10		37,410				19,630		57,040	2,771,645											
May-10		88,924				20,224		109,149	2,880,794											
Jun-10		(565,750)				18,657		(547,093)	2,333,701											
Jul-10		98,040				17,112		115,152	2,448,853											
Aug-10		(89,154)				17,267		(71,888)	2,376,965											
Sep-10		(45,213)				16,908		(28,305)	2,348,660											
Oct-10		92,338				17,199		109,537	2,458,197											
Nov-10	1	1,014,549		(2,365,527)		4,309		(1,346,669)	1,111,528											
Dec-10		8,452				8,013		16,465	1,127,993											
Jan-11		543,323				10,052		553,375	1,681,368											
Feb-11		512,592				13,916		526,508	2,207,876											
Mar-11		81,417				16,149		97,565	2,305,441											
Apr-11		189,253				17,236		206,489	2,511,930											
May-11		(119,100)				17,612		(101,487)	2,410,443											
Jun-11		(297,288)				16,243		(281,045)	2,129,398											
Jul-11		102,560				15,661		118,220	2,247,618											
Aug-11		38,708				16,281		54,989	2,302,607											
Sep-11		97,951				16,888		114,839	2,417,446											
Oct-11		156,649				17,924		174,572	2,592,019											
Nov-11	1	117,104		(2,434,808)		1,550		(2,316,154)	275,865											
Dec-11		1,142,978				6,085		1,149,063	1,424,928											

History truncated for ease of viewing

NOTES

1 - October balance transferred to account 186271 for amortization

Q

NW Natural
 Adjustment to Actuals - Decoupling Estimate
 DECEMBER 2011
 Decoupling Worksheet

	Baseline		Decoupling		Decoupling		Allowed Margin Rate Per Therm (f)	Amount to Record @ 100% Record (g)	Previously Booked (i)	Total Amount to Record (j)
	Usage Per Customer w/ elasticity (a)	Customer Period Actual (b)	Baseline Total Usage (c)	Actual Use Normalized (d)	Variance (e)	Therm (f)				
Residential										
1	121.7	0	0	0	0	\$0.43090	\$0.00	\$0.00	0.00	0.00
2	95.8	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
3	79.0	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
4	54.9	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
5	33.7	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
6	17.2	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
7	14.1	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
8	14.1	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
9	16.9	0	0	0	0	\$0.43090	0.00	0.00	0.00	0.00
10	42.5	545,100	23,166,750	20,535,837	(2,630,913)	\$0.43044	(1,132,450.02)	(1,132,450.02)	0.00	0.00
11	86.9	547,583	47,584,963	46,006,247	(1,578,716)	\$0.43090	(680,268.70)	(680,268.70)	0.00	0.00
12	123.0	550,028	67,653,444	55,406,150	(12,247,294)	\$0.43090	(5,277,359.02)	0.00	0.00	(5,277,359.02)
13	699.8		138,405,157	121,948,234	(16,456,923)		(7,090,077.74)	(1,812,718.72)		(5,277,359.02)
	0.0									
Commercial										
14	602.3	0	0	0	0	\$0.29946	\$0.00	\$0.00	0.00	0.00
15	485.7	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
16	406.0	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
17	298.2	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
18	206.5	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
19	140.6	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
20	129.1	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
21	128.1	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
22	134.7	0	0	0	0	\$0.29946	0.00	0.00	0.00	0.00
23	243.6	56,497	13,762,669	13,236,614	(526,055)	\$0.29778	(156,648.69)	(156,648.69)	0.00	0.00
24	439.6	56,759	24,951,256	24,560,205	(391,051)	\$0.29946	(117,104.25)	(117,104.25)	0.00	0.00
25	607.4	57,096	34,680,110	30,863,314	(3,816,796)	\$0.29946	(1,142,977.76)	0.00	0.00	(1,142,977.76)
26	3,821.8		73,394,036	68,660,133	(4,733,903)		(1,416,730.70)	(273,752.94)		(1,142,977.76)
	0.0									

Detail of Other Deferrals

NW Natural
Quarterly Deferred Report of Deferred Accounting Activity
4th Quarter 2011

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of Intervenor Funding - ISSUE FUND
 Account Number: 186284
 Docket UM 1101
 Last order for reauthorization was Order No. 11-240

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Debit	(Credit)	Month/Year	Note	Deferral-CUB	Deferral-NWIGU	Transfers-CUB	Transfers-NWIGU	Interest (1)	Activity	Balance-CUB	Balance-NWIGU	Balance-Grand Total	(g1)	(g2)	(gtotal)				
		(a)	(b)	(c1)	(c2)	(d1)	(d2)	(e)	(f)	(g1)	(g2)	(gtotal)							
		Beginning Balance																	
		Jan-10							0	0	0	0	0	0	0	0	0	0	0
		Feb-10							0	0	0	0	0	0	0	0	0	0	0
		Mar-10							0	0	0	0	0	0	0	0	0	0	0
		Apr-10							0	0	0	0	0	0	0	0	0	0	0
		May-10							0	0	0	0	0	0	0	0	0	0	0
		Jun-10							0	0	0	0	0	0	0	0	0	0	0
		Jul-10							0	0	0	0	0	0	0	0	0	0	0
		Aug-10							0	0	0	0	0	0	0	0	0	0	0
		Sep-10							0	0	0	0	0	0	0	0	0	0	0
		Oct-10							0	0	0	0	0	0	0	0	0	0	0
		Nov-10							0	0	0	0	0	0	0	0	0	0	0
		Dec-10							0	0	0	0	0	0	0	0	0	0	0
		Jan-11							0	0	0	0	0	0	0	0	0	0	0
		Feb-11							0	0	0	0	0	0	0	0	0	0	0
		Mar-11							0	0	0	0	0	0	0	0	0	0	0
		Apr-11							0	0	0	0	0	0	0	0	0	0	0
		May-11			15,800				0	0	0	15,800	0	0	15,800	0	0	0	0
		Jun-11							15,800	0	0	15,800	0	0	15,800	0	0	0	0
		Jul-11							0	0	0	15,800	0	0	15,800	0	0	0	0
		Aug-11	2	58,351					58,351	58,351	0	116,702	58,351	0	175,053	58,351	0	0	0
		Sep-11							0	0	0	116,702	0	0	116,702	0	0	0	0
		Oct-11							0	0	0	116,702	0	0	116,702	0	0	0	0
		Nov-11	3	(58,351)			(15,800)		(74,151)	0	0	41,551	0	0	41,551	0	0	0	0
		Dec-11							0	0	0	41,551	0	0	41,551	0	0	0	0

History truncated for ease of viewing

NOTES

- 1 - No interest is applied to this activity
- 2 - Payment in August - see order 11-289
- 3 - Transfer October CUB balance to 186286 amortization account and transfer October NWIGU balance to 186288 amortization account

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of CUB Intervenor Funding
 Account Number: 186276
 Docket UM 1101
 Last order for reauthorization was Order No. 11-240

Debit (Credit)	Month/Year	Note	Deferral	Transfers	Interest (1)	Activity	Balance
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Beginning Balance							
	Jan-10		57,500			57,500	57,500
	Feb-10		0			0	57,500
	Mar-10		0			0	57,500
	Apr-10		0			0	57,500
	May-10		0			0	57,500
	Jun-10		0			0	57,500
	Jul-10		0			0	57,500
	Aug-10		0			0	57,500
	Sep-10		0			0	57,500
	Oct-10		0			0	57,500
	Nov-10	2	0	(57,500)		(57,500)	0
	Dec-10		0			0	0
	Jan-11		57,500			57,500	57,500
	Feb-11		0			0	57,500
	Mar-11		0			0	57,500
	Apr-11		0			0	57,500
	May-11		0			0	57,500
	Jun-11		0			0	57,500
	Jul-11		0			0	57,500
	Aug-11		0			0	57,500
	Sep-11		0			0	57,500
	Oct-11		0			0	57,500
	Nov-11	2	0	(57,500)		(57,500)	0
	Dec-11		0			0	0

History truncated for ease of viewing

NOTES

- 1 - No interest is applied to this activity
- 2 - October balance transferred to account 186286 for amortization

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of NWIGU Intervenor Funding
 Account Number: 186278
 Docket UM 1101
 Last order for reauthorization was Order No. 11-240

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Debit	(Credit)	Month/Year	Note	Deferral	Transfers	Interest (1)	Activity	Balance											
		(a)	(b)	(c)	(d)	(e)	(f)	(g)											
		Beginning Balance																	
		Jan-10		0															993
		Feb-10		0															993
		Mar-10		0															993
		Apr-10		677															1,670
		May-10		0															1,670
		Jun-10		0															1,670
		Jul-10		0															1,670
		Aug-10		0															1,670
		Sep-10		0															1,670
		Oct-10		0															1,670
		Nov-10	2	0	(1,670)		(1,670)	0											0
		Dec-10		0				0											0
		Jan-11		0				0											0
		Feb-11		0				0											0
		Mar-11		0				0											0
		Apr-11		3,112				3,112											3,112
		May-11		0				0											3,112
		Jun-11		0				0											3,112
		Jul-11		0				0											3,112
		Aug-11		0				0											3,112
		Sep-11		0				0											3,112
		Oct-11		0				0											3,112
		Nov-11	2	0	(3,112)		(3,112)	0											0
		Dec-11		0				0											0

History truncated for ease of viewing

NOTES

1 -No interest is applied to this activity

2 - October balance transferred to account 186288 for amortization

	Jan 11	Feb 11	Mar 11	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11	Dec
Total Capital Spend	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532
Cum. Capital Spend		385,526	771,052	1,156,578	1,542,104	1,927,630	2,313,156	2,698,682	3,084,208	3,469,734	3,855,260	4,240,786
Number of ERT's Installed	0	0	0	0	0	0	0	0	0	0	0	0
Cum. # installed		385,526	771,052	1,156,578	1,542,104	1,927,630	2,313,156	2,698,682	3,084,208	3,469,734	3,855,260	4,240,786
Number of ERT's In-service	0	0	0	0	0	0	0	0	0	0	0	0
Cum. # In-service		385,526	771,052	1,156,578	1,542,104	1,927,630	2,313,156	2,698,682	3,084,208	3,469,734	3,855,260	4,240,786
Ratio of In-service to Installed	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Cum. Amount of Capital Placed In-service	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532	25,269,532
In-service Capital	0	0	0	0	0	0	0	0	0	0	0	0
Savings in Truck Purchases	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)
Delta Capital	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)	(13,333)
Cum. Amount of Capital	24,856,199	24,842,865	24,829,532	24,816,198	24,802,865	24,789,532	24,776,199	24,762,865	24,749,532	24,736,199	24,722,865	24,709,532
O&M with AMR Phase II	49,379	55,845	51,266	49,884	50,094	52,359	53,345	53,541	52,079	53,616	49,475	48,909
O&M with IMR	289,175	272,893	281,102	273,102	273,102	284,828	278,328	277,828	284,828	287,328	288,528	285,210
Incremental O&M Delta	-239,796	-216,848	-229,836	-223,218	-223,008	-232,468	-225,982	-224,286	-232,749	-234,211	-239,053	-246,301
check	0	0	0	0	0	0	0	0	0	0	0	0
O&M Expense Increase (Decrease)	(239,796)	(216,848)	(229,836)	(223,218)	(223,008)	(232,468)	(225,982)	(224,286)	(232,749)	(234,211)	(239,053)	(246,301)
Book Depreciation - Current Month	138,090	138,016	137,942	137,868	137,794	137,720	137,646	137,571	137,497	137,423	137,349	137,275
Property Taxes	27,586	27,396	27,207	27,018	26,829	26,641	26,452	26,263	26,075	25,886	25,698	25,510
Taxes on Equity Return	7,505	7,407	7,310	7,215	7,121	7,030	6,941	6,853	6,768	6,685	6,607	6,529
State	37,170	36,685	36,208	35,735	35,270	34,820	34,378	33,945	33,521	33,113	32,723	32,337
Federal	44,675	44,091	43,518	42,960	42,391	41,851	41,319	40,799	40,289	39,799	39,329	38,866
Return on Rate Base	47,670	47,047	46,435	45,829	45,233	44,656	44,089	43,534	42,990	42,467	41,966	41,471
Debt	659	651	642	634	626	618	610	602	595	587	580	574
Preferred Equity	68,371	67,478	66,600	65,731	64,878	64,049	63,235	62,439	61,668	60,909	60,160	59,480
Common Equity	116,700	115,178	113,678	112,195	110,735	109,323	107,934	106,576	105,243	103,963	102,736	101,525
Total Return	87,255	107,832	92,509	96,813	94,741	93,065	91,367	89,623	87,855	86,060	84,249	82,423
Subtotal Cost of Service	2,506	3,097	2,657	2,781	2,721	2,386	2,509	2,497	2,193	2,093	1,897	1,634
Revenue Sensitive Items	0	103,008	95,166	99,894	97,462	85,451	89,877	89,420	78,448	74,963	67,487	68,609
Total Cost of Service (Jan 09 includes only 1831 due t	0	370	1,844	1,792	2,512	3,187	3,840	4,512	5,147	5,735	6,399	6,718
Interest on Cost of Service	16,249,787	16,037,584	15,826,954	15,622,421	15,419,186	15,222,535	15,029,086	14,840,023	14,654,396	14,476,249	14,306,378	14,136,760
Rate Base - Net of Accum. deprec. & def. tax	113,705	112,220	110,760	109,315	107,883	106,517	105,163	103,841	102,542	101,296	100,099	98,920
Income Taxes	7,505	7,407	7,310	7,215	7,121	7,030	6,941	6,853	6,768	6,685	6,607	6,529
Gross up of Equity Return	106,201	104,814	103,450	102,100	100,772	99,487	98,223	96,987	95,774	94,610	93,493	92,391
Less: State tax	37,170	36,685	36,208	35,735	35,270	34,820	34,378	33,945	33,521	33,113	32,723	32,337
Federal Taxable Income	69,030	68,129	67,243	66,365	65,502	64,667	63,845	63,042	62,253	61,496	60,770	60,054
Less: Federal Tax	138,090	138,016	137,942	137,868	137,794	137,720	137,646	137,571	137,497	137,423	137,349	137,275
Return	287,527	292,899	283,921	278,697	270,418	253,774	245,738	234,691	226,060	207,138	186,730	183,112
Deferred Taxes - Current Month	159,437	154,883	145,979	140,829	132,624	118,054	108,093	97,120	86,563	65,715	51,381	45,838
Book Depreciation	62,643	60,854	57,355	55,332	52,108	45,598	42,470	38,158	34,796	27,391	20,186	18,010
Tax Depreciation	22,068,440	21,917,091	21,765,816	21,615,614	21,463,487	21,312,434	21,161,456	21,010,551	20,859,720	20,708,963	20,558,281	20,407,672
Book-Tax Difference												
Deferred Tax Effect												
Property Tax Base												

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Company: Northwest Natural Gas Company
 State: Oregon
 Description: Deferral of Industrial DSM Costs
 Account Number: 186232

Docket UM 1420
 09-10 Deferral approved in Order 09-092
 10-11 Deferral approved in Order 10-131
 11-12 Deferral approved in Order 11-109

Debit (Credit)	Month/Year	Note	Deferral	Transfers	TOTAL Interest	Interest Rate	Mar 09 - Feb 10 Interest	Mar 10 - Feb 11 Interest	Mar 11 - Feb 12 Interest	Activity	TOTAL Balance	Mar 09 - Feb 10 Balance	Mar 10 - Feb 11 Balance	Mar 11 - Feb 12 Balance
	(a)	(b)	(c)	(d)	(e)	(e1)	(e2)	(e3)	(e4)	(f)	(g)	(g1)	(g2)	(g3)
7	Beginning Balance													
8	Apr-09				808	8.618%	808				0.00			
9	May-09		225,000		1,891	8.618%	1,891	0	0	225,808	225,808	225,808		
10	Jun-09		75,000		2,443	8.618%	2,443	0	0	76,891	302,699	302,699		
11	Jul-09		75,000		2,999	8.618%	2,999	0	0	77,443	380,142	380,142		
12	Aug-09		75,000		3,560	8.618%	3,560	0	0	77,999	458,142	458,142		
13	Sep-09		75,000		4,124	8.618%	4,124	0	0	78,560	536,701	536,701		
14	Oct-09		75,000		4,692	8.618%	4,692	0	0	79,124	615,825	615,825		
15	Nov-09		75,000		5,264	8.618%	5,264	0	0	79,692	695,517	695,517		
16	Dec-09		75,000		5,841	8.618%	5,841	0	0	80,264	775,781	775,781		
17	Jan-10		75,000		6,421	8.618%	6,421	0	0	80,841	856,622	856,622		
18	Feb-10		75,000		6,421	8.618%	6,421	0	0	81,421	938,043	938,043		
19	Mar-10		145,833		524	8.618%	0	524	0	146,357	1,084,400	938,043	146,357	
20	Apr-10		145,833	(26,919)	1,381	8.618%	0	1,381	0	120,295	1,204,695	938,043	266,652	
21	May-10		145,833		2,439	8.618%	0	2,439	0	148,272	1,352,967	938,043	414,924	
22	Jun-10		145,833		3,504	8.618%	0	3,504	0	149,337	1,502,303	938,043	564,260	
23	Jul-10		145,833		4,576	8.618%	0	4,576	0	150,409	1,652,712	938,043	714,669	
24	Aug-10		145,833		5,656	8.618%	0	5,656	0	151,489	1,804,201	938,043	866,158	
25	Sep-10		145,833		6,744	8.618%	0	6,744	0	152,577	1,956,779	938,043	1,018,736	
26	Oct-10		145,833		7,840	8.618%	0	7,840	0	153,673	2,110,451	938,043	1,172,408	
27	Nov-10		145,833	(938,043)	8,944	8.618%	0	8,944	0	(783,266)	1,327,185	0	1,327,185	
28	Dec-10		145,833		10,055	8.618%	0	10,055	0	155,888	1,483,073	0	1,483,073	
29	Jan-11		145,833		11,175	8.618%	0	11,175	0	157,008	1,640,081	0	1,640,081	
30	Feb-11		145,837		12,302	8.618%	0	12,302	0	158,139	1,798,220	0	1,798,220	
31	Mar-11		0		0	8.618%	0	0	0	0	1,798,220	0	1,798,220	0
32	Apr-11		633,333		2,274	8.618%	0	0	2,274	635,607	2,433,827	0	1,798,220	635,607
33	May-11		0		4,565	8.618%	0	0	4,565	4,565	2,438,392	0	1,798,220	640,172
34	Jun-11		0		4,598	8.618%	0	0	4,598	4,598	2,442,989	0	1,798,220	644,769
35	Jul-11		633,333		6,905	8.618%	0	0	6,905	6,905	3,083,227	0	1,798,220	1,285,007
36	Aug-11		0		9,228	8.618%	0	0	9,228	9,228	3,092,455	0	1,798,220	1,294,236
37	Sep-11		0		9,295	8.618%	0	0	9,295	9,295	3,101,750	0	1,798,220	1,303,530
38	Oct-11		633,333	26	11,636	8.618%	0	0	11,636	644,995	3,746,745	0	1,798,220	1,948,499
39	Nov-11		0	(1,798,220)	13,993	8.618%	0	0	13,993	(1,784,226)	1,962,519	0	1,798,220	1,962,493
40	Dec-11		0		14,094	8.618%	0	0	14,094	14,094	1,976,613	0	1,798,220	1,976,587

NOTES

1 - Transfer February balance of prior year to 186233 Amort Industrial DSM for amortization (see note below)

2 - Transfer represents a balance true-up adjustment

Deferrals are authorized on a program year (Mar - Feb). The total balance is broken down into the 2 separate deferral years for convenience of review

Detail of Environmental Deferrals

NW Natural
Quarterly Deferred Report of Deferred Accounting Activity
4th Quarter 2011

NW Natural
Oregon Quarterly Deferred Report
4th Quarter 2011 Environmental Account Detail

Account	Year/month	Assignment	Document Number	Amount	Text	Reference	Invoice Reference	Balance	Running
186145	2011/10	200391-01-01	100678980	19,328.65	WBS 200391-01-01		100678980	Sep Balance=>	80,113,959.52
186145	2011/10	200391-01-02	100678981	13,736.09	WBS 200391-01-02		100678981		80,127,695.61
186145	2011/10	200391-01-09	100678982	52,345.05	WBS 200391-01-09		100678982		80,180,040.66
186145	2011/10	200391-01-10	100678983	54,680.35	WBS 200391-01-10		100678983		80,234,721.01
186145	2011/10	200391-01-11	100678984	38,776.33	WBS 200391-01-11		100678984		80,273,497.34
186145	2011/10	200391-01-12	100678993	9,039.08	WBS 200391-01-12		100678993		80,282,536.42
186145	2011/10	200391-01-13	100678995	57,925.50	WBS 200391-01-13		100678995		80,340,461.92
186145	2011/10	200391-01-31	100679587	244,592.60	WBS 200391-01-31		100679587		80,585,054.52
186145	2011/10	200391-02-01	100678985	57.68	WBS 200391-02-01		100678985		80,585,112.20
186145	2011/10	200391-02-02	100678986	1,678.78	WBS 200391-02-02		100678986		80,586,790.98
186145	2011/10	200391-02-05	100678987	22,977.03	WBS 200391-02-05		100678987		80,609,768.01
186145	2011/10	200391-02-06	100678988	170.00	WBS 200391-02-06		100678988		80,609,938.01
186145	2011/10	200391-03-02-02	100678989	5,518.31	WBS 200391-03-02-02		100678989		80,615,456.32
186145	2011/10	200391-03-02-03	100678990	5,093.50	WBS 200391-03-02-03		100678990		80,620,549.82
186145	2011/10	200391-03-02-04	100678991	23,290.37	WBS 200391-03-02-04		100678991		80,643,840.19
186145	2011/10	200391-03-02-08	100678992	5,194.04	WBS 200391-03-02-08		100678992		80,649,034.23
186145	2011/10	200391-03-02-09	100678994	3,474.00	WBS 200391-03-02-09		100678994		80,652,508.23
186145	2011/10	200391-03-02-10	100678996	600.12	WBS 200391-03-02-10		100678996		80,653,108.35
186145	2011/10	200394-01-01	100678997	22,689.71	WBS 200394-01-01		100678997		80,675,798.06
186145	2011/10	200394-01-02	100678998	14,904.00	WBS 200394-01-02		100678998		80,690,702.06
186145	2011/10	200394-01-03	100678999	5,766.77	WBS 200394-01-03		100678999		80,696,468.83
186145	2011/10	200394-01-04	100679000	2,033.88	WBS 200394-01-04		100679000		80,698,502.71
186145	2011/10	200394-01-05	100679001	15,500.00	WBS 200394-01-05		100679001		80,714,002.71
186145	2011/10	200394-01-06	100679002	29,000.00	WBS 200394-01-06		100679002		80,743,002.71
186145	2011/10	200394-01-07	100679003	10,640.00	WBS 200394-01-07		100679003		80,753,642.71
186145	2011/10	200394-03-01	100679004	5,500.00	WBS 200394-03-01		100679004		80,759,142.71
186145	2011/10	200394-03-02	100679005	139,467.00	WBS 200394-03-02		100679005		80,898,609.71
2011/10 Total				803,978.84				Oct Balance=>	80,898,609.71
186145	2011/11	200391-01-01	100683675	1,896.26	WBS 200391-01-01		100683675		80,900,505.97
186145	2011/11	200391-01-02	100683676	14,216.25	WBS 200391-01-02		100683676		80,914,722.22
186145	2011/11	200391-01-08	100683677	2,100.00	WBS 200391-01-08		100683677		80,916,822.22
186145	2011/11	200391-01-09	100683678	1,947.75	WBS 200391-01-09		100683678		80,918,769.97
186145	2011/11	200391-01-10	100683679	59,593.11	WBS 200391-01-10		100683679		80,978,363.08
186145	2011/11	200391-01-11	100683680	49,413.32	WBS 200391-01-11		100683680		81,027,776.40
186145	2011/11	200391-01-12	100683689	14,285.40	WBS 200391-01-12		100683689		81,042,061.80
186145	2011/11	200391-01-31	100686928	245,568.42	WBS 200391-01-31		100686928		81,287,630.22
186145	2011/11	200391-02-01	100683681	103.29	WBS 200391-02-01		100683681		81,287,733.51
186145	2011/11	200391-02-02	100683682	1,316.39	WBS 200391-02-02		100683682		81,289,049.90
186145	2011/11	200391-02-05	100683683	45,760.14	WBS 200391-02-05		100683683		81,334,810.04
186145	2011/11	200391-02-06	100683684	426.25	WBS 200391-02-06		100683684		81,335,236.29
186145	2011/11	200391-03-02-02	100683685	4,268.75	WBS 200391-03-02-02		100683685		81,339,505.04
186145	2011/11	200391-03-02-03	100683686	25,397.40	WBS 200391-03-02-03		100683686		81,364,902.44
186145	2011/11	200391-03-02-04	100683687	27,824.71	WBS 200391-03-02-04		100683687		81,392,727.15
186145	2011/11	200391-03-02-08	100683688	5,283.85	WBS 200391-03-02-08		100683688		81,398,011.00
186145	2011/11	200391-03-02-09	100683690	3,138.59	WBS 200391-03-02-09		100683690		81,401,149.59
186145	2011/11	200394-01-01	100683691	25,458.25	WBS 200394-01-01		100683691		81,426,607.84
186145	2011/11	200394-01-02	100683692	61,276.08	WBS 200394-01-02		100683692		81,487,883.92
186145	2011/11	200394-01-03	100683693	22,791.10	WBS 200394-01-03		100683693		81,510,675.02
186145	2011/11	200394-01-05	100683694	8,068.38	WBS 200394-01-05		100683694		81,518,743.40
186145	2011/11	200394-01-06	100683695	32,470.96	WBS 200394-01-06		100683695		81,551,214.36
186145	2011/11	200394-01-07	100683696	14,605.33	WBS 200394-01-07		100683696		81,565,819.69
186145	2011/11	200394-02-05	100683697	3,990.42	WBS 200394-02-05		100683697		81,569,810.11
186145	2011/11	200394-03-01	100683698	12,805.58	WBS 200394-03-01		100683698		81,582,615.69
186145	2011/11	200394-03-02	100683699	159,779.19	WBS 200394-03-02		100683699		81,742,394.88
186145	2011/11	200394-03-03	100683700	6,514.88	WBS 200394-03-03		100683700		81,748,909.76
186145	2011/11	200394-03-06	100683701	252.00	WBS 200394-03-06		100683701		81,749,161.76
186145	2011/11	200394-07-01	100683702	870.99	WBS 200394-07-01		100683702		81,750,032.75
186145	2011/11	20111130	100680316	-43.00	Fix PGE Bill	JE45	100680316		81,749,989.75
186145	2011/11	20111130	100680316	-427.01	Fix Expense	JE45	100680316		81,749,562.74
186145	2011/11	20111130	100680316	-1,391.69	Fix Expense	JE45	100680316		81,748,171.05
2011/11 Total				849,561.34				Nov Balance=>	81,748,171.05
186145	2011/12	200391-01-01	100695502	128,775.09	WBS 200391-01-01		100695502		81,876,946.14
186145	2011/12	200391-01-01	100695599	-190.84	WBS 200391-01-01		100695599		81,876,755.30
186145	2011/12	200391-01-01	100698754	381.68	WBS 200391-01-01		100698754		81,877,136.98
186145	2011/12	200391-01-02	100691541	21,590.00	WBS 200391-01-02		100691541		81,898,726.98
186145	2011/12	200391-01-02	100695503	80,457.66	WBS 200391-01-02		100695503		81,979,184.64
186145	2011/12	200391-01-03	100691542	237.50	WBS 200391-01-03		100691542		81,979,422.14
186145	2011/12	200391-01-03	100695504	59,762.50	WBS 200391-01-03		100695504		82,039,184.64
186145	2011/12	200391-01-08	100691543	2,325.00	WBS 200391-01-08		100691543		82,041,509.64
186145	2011/12	200391-01-08	100695505	-425.00	WBS 200391-01-08		100695505		82,041,084.64
186145	2011/12	200391-01-09	100691544	10,772.00	WBS 200391-01-09		100691544		82,051,856.64
186145	2011/12	200391-01-09	100695506	176,935.20	WBS 200391-01-09		100695506		82,228,791.84
186145	2011/12	200391-01-10	100691545	66,356.70	WBS 200391-01-10		100691545		82,295,148.54
186145	2011/12	200391-01-10	100695507	576,969.84	WBS 200391-01-10		100695507		82,872,118.38
186145	2011/12	200391-01-11	100691546	30,524.16	WBS 200391-01-11		100691546		82,902,642.54
186145	2011/12	200391-01-11	100695508	544,286.19	WBS 200391-01-11		100695508		83,446,928.73
186145	2011/12	200391-01-12	100691556	641.61	WBS 200391-01-12		100691556		83,447,570.34
186145	2011/12	200391-01-12	100695521	162,033.91	WBS 200391-01-12		100695521		83,609,604.25
186145	2011/12	200391-01-13	100691558	54,905.08	WBS 200391-01-13		100691558		83,664,509.33
186145	2011/12	200391-01-13	100695523	152,169.42	WBS 200391-01-13		100695523		83,816,678.75
186145	2011/12	200391-01-14	100695528	10,000.00	WBS 200391-01-14		100695528		83,826,678.75
186145	2011/12	200391-01-31	100695210	256,017.78	WBS 200391-01-31		100695210		84,082,696.53
186145	2011/12	200391-01-33	100695530	-60,614.00	WBS 200391-01-33		100695530		84,022,082.53
186145	2011/12	200391-02-01	100691547	64.17	WBS 200391-02-01		100691547		84,022,146.70
186145	2011/12	200391-02-01	100695509	-225.14	WBS 200391-02-01		100695509		84,021,921.56
186145									

Account	Year/month	Assignment	Document Number	Amount	Text	Reference	Invoice Reference	Balance	Running
186145	2011/12	200391-02-06	100691550	42.50	WBS 200391-02-06		100691550		84,150,231.72
186145	2011/12	200391-02-06	100695512	139,361.25	WBS 200391-02-06		100695512		84,289,592.97
186145	2011/12	200391-02-07	100695513	10,326,700.00	WBS 200391-02-07		100695513		94,616,292.97
186145	2011/12	200391-02-09	100695524	1,081,000.00	WBS 200391-02-09		100695524		95,697,292.97
186145	2011/12	200391-03-02-01	100691551	259,838.22	WBS 200391-03-02-01		100691551		95,957,131.19
186145	2011/12	200391-03-02-01	100695514	-259,838.22	WBS 200391-03-02-01		100695514		95,697,292.97
186145	2011/12	200391-03-02-02	100691552	4,332.50	WBS 200391-03-02-02		100691552		95,701,625.47
186145	2011/12	200391-03-02-02	100695515	-14,119.56	WBS 200391-03-02-02		100695515		95,687,505.91
186145	2011/12	200391-03-02-03	100691553	10,191.25	WBS 200391-03-02-03		100691553		95,697,697.16
186145	2011/12	200391-03-02-03	100695516	-40,682.15	WBS 200391-03-02-03		100695516		95,657,015.01
186145	2011/12	200391-03-02-04	100691554	17,655.00	WBS 200391-03-02-04		100691554		95,674,670.01
186145	2011/12	200391-03-02-04	100695517	-68,770.08	WBS 200391-03-02-04		100695517		95,605,899.93
186145	2011/12	200391-03-02-05	100695518	45,000.00	WBS 200391-03-02-05		100695518		95,650,899.93
186145	2011/12	200391-03-02-08	100695519	-10,477.89	WBS 200391-03-02-08		100695519		95,640,422.04
186145	2011/12	200391-03-02-09	100691557	-2,334.00	WBS 200391-03-02-09		100691557		95,638,088.04
186145	2011/12	200391-03-02-09	100695522	49,721.41	WBS 200391-03-02-09		100695522		95,687,809.45
186145	2011/12	200391-03-02-10	100691559	8,436.30	WBS 200391-03-02-10		100691559		95,696,245.75
186145	2011/12	200391-03-02-10	100695525	115,963.58	WBS 200391-03-02-10		100695525		95,812,209.33
186145	2011/12	200391-03-02-11	100691560	267,374.85	WBS 200391-03-02-11		100691560		96,079,584.18
186145	2011/12	200391-03-02-11	100695526	-142,374.85	WBS 200391-03-02-11		100695526		95,937,209.33
186145	2011/12	200391-03-02-12	100695527	61,000.00	WBS 200391-03-02-12		100695527		95,998,209.33
186145	2011/12	200391-07-01	100691555	722,252.57	WBS 200391-07-01		100691555		96,720,461.90
186145	2011/12	200391-07-01	100695520	-722,252.57	WBS 200391-07-01		100695520		95,998,209.33
186145	2011/12	200391-08	100691573	-289,848.69	WBS 200391-08		100691573		95,708,360.64
186145	2011/12	200391-08	100695529	289,848.69	WBS 200391-08		100695529		95,998,209.33
186145	2011/12	200394-01-01	100691561	146,317.24	WBS 200394-01-01		100691561		96,144,526.57
186145	2011/12	200394-01-02	100691562	635.73	WBS 200394-01-02		100691562		96,145,162.30
186145	2011/12	200394-01-03	100691563	14,253.58	WBS 200394-01-03		100691563		96,159,415.88
186145	2011/12	200394-01-04	100691564	7,905.50	WBS 200394-01-04		100691564		96,167,321.38
186145	2011/12	200394-01-05	100691565	224.13	WBS 200394-01-05		100691565		96,167,545.51
186145	2011/12	200394-01-06	100691566	7,497.50	WBS 200394-01-06		100691566		96,175,043.01
186145	2011/12	200394-02-05	100691567	-5,000.42	WBS 200394-02-05		100691567		96,170,042.59
186145	2011/12	200394-03-01	100691568	20,619.66	WBS 200394-03-01		100691568		96,190,662.25
186145	2011/12	200394-03-02	100691569	159,886.36	WBS 200394-03-02		100691569		96,350,548.61
186145	2011/12	200394-03-03	100691570	538.00	WBS 200394-03-03		100691570		96,351,086.61
186145	2011/12	200394-03-06	100691571	-2,142.00	WBS 200394-03-06		100691571		96,348,944.61
186145	2011/12	200394-07-01	100691572	1,857.26	WBS 200394-07-01		100691572		96,350,801.87
186145	2011/12	200391-08	100702814	325,096.37	WBS 200391-08		100702814		96,675,898.24
2011/12 Total				14,927,727.19				Dec Balance=>	96,675,898.24
186145 Total				16,581,267.37					
186146	2011/10	200506-04-31	100679592	1,112.14	WBS 200506-04-31		100679592	Sep Balance=>	59,757.13
2011/10 Total				1,112.14				Oct Balance=>	60,869.27
186146	2011/11	200506-04-31	100686929	1,120.09	WBS 200506-04-31		100686929		61,989.36
2011/11 Total				1,120.09				Nov Balance=>	61,989.36
186146	2011/12	200506-04-31	100695215	1,128.11	WBS 200506-04-31		100695215		63,117.47
2011/12 Total				1,128.11				Dec Balance=>	63,117.47
186146 Total				3,360.34					
186147	2011/10	200391-04-02	100679006	28,053.31	WBS 200391-04-02		100679006	Sep Balance=>	3,567,103.63
186147	2011/10	200391-04-03	100679007	515.00	WBS 200391-04-03		100679007		3,595,671.94
186147	2011/10	200391-04-09	100679008	509.70	WBS 200391-04-09		100679008		3,596,181.64
186147	2011/10	200391-04-11	100679009	1,837.84	WBS 200391-04-11		100679009		3,598,019.48
186147	2011/10	200391-04-31	100679588	22,221.75	WBS 200391-04-31		100679588		3,620,241.23
2011/10 Total				53,137.60				Oct Balance=>	3,620,241.23
186147	2011/11	200391-04-02	100683703	8,986.33	WBS 200391-04-02		100683703		3,629,227.56
186147	2011/11	200391-04-03	100683704	761.25	WBS 200391-04-03		100683704		3,629,988.81
186147	2011/11	200391-04-09	100683705	385.65	WBS 200391-04-09		100683705		3,630,374.46
186147	2011/11	200391-04-31	100686930	22,401.08	WBS 200391-04-31		100686930		3,652,775.54
186147	2011/11	20111130	100680316	-6,487.00	Fix Settlement	JE45	100680316		3,646,288.54
2011/11 Total				26,047.31				Nov Balance=>	3,646,288.54
186147	2011/12	200391-04-02	100691574	10,347.85	WBS 200391-04-02		100691574		3,656,636.39
186147	2011/12	200391-04-02	100695531	37,612.51	WBS 200391-04-02		100695531		3,694,248.90
186147	2011/12	200391-04-03	100695532	48,723.75	WBS 200391-04-03		100695532		3,742,972.65
186147	2011/12	200391-04-09	100691575	680.65	WBS 200391-04-09		100691575		3,743,653.30
186147	2011/12	200391-04-09	100695533	5,424.00	WBS 200391-04-09		100695533		3,749,077.30
186147	2011/12	200391-04-11	100691576	3,617.07	WBS 200391-04-11		100691576		3,752,694.37
186147	2011/12	200391-04-11	100695534	61,545.09	WBS 200391-04-11		100695534		3,814,239.46
186147	2011/12	200391-04-31	100695211	22,646.80	WBS 200391-04-31		100695211		3,836,886.26
186147	2011/12	200391-04-33	100695595	-1,849.00	WBS 200391-04-33		100695595		3,835,037.26
2011/12 Total				188,748.72				Dec Balance=>	3,835,037.26
186147 Total				267,933.63					
186148	2011/10	200393-01-01	100679011	37,364.14	WBS 200393-01-01		100679011	Sep Balance=>	20,067,994.60
186148	2011/10	200393-04	100679010	155,172.00	WBS 200393-04		100679010		20,260,530.74
186148	2011/10	200393-05-31	100679591	113,100.34	WBS 200393-05-31		100679591		20,373,631.08
186148	2011/10	200393-06-03	100679012	20,306.11	WBS 200393-06-03		100679012		20,393,937.19
2011/10 Total				325,942.59				Oct Balance=>	20,393,937.19
186148	2011/11	200393-01-01	100683706	86,664.00	WBS 200393-01-01		100683706		20,480,601.19
186148	2011/11	200393-05-31	100686931	114,526.30	WBS 200393-05-31		100686931		20,595,127.49
186148	2011/11	200393-06-02	100683707	20,000.00	WBS 200393-06-02		100683707		20,615,127.49
186148	2011/11	20111130	100680316	6,487.00	Fix Settlement	JE45	100680316		20,621,614.49
2011/11 Total				227,677.30				Nov Balance=>	20,621,614.49
186148	2011/12	200391-04-33	100695535	-1,849.00	WBS 200391-04-33		100695535		20,619,765.49
186148	2011/12	200391-04-33	100695587	1,849.00	WBS 200391-04-33		100695587		20,621,614.49
186148	2011/12	200393-01-01	100691577	-3,535.07	WBS 200393-01-01		100691577		20,618,079.42
186148	2011/12	200393-01-01	100695546	342,506.93	WBS 200393-01-01		100695546		20,960,586.35
186148	2011/12	200393-02-01	100695547	78,000.00	WBS 200393-02-01		100695547		21,038,586.35
186148	2011/12	200393-04	100695545	319,828.00	WBS 200393-04		100695545		21,358,414.35
186148	2011/12	200393-05-31	100695214	115,789.84	WBS 200393-05-31		100695214		21,474,204.19
186148	2011/12	200393-05-33	100695550	-11,233.00	WBS 200393-05-33		100695550		21,462,971.19
186148	2011/12	200393-06-01	100695548	48,000.00	WBS 200393-06-01		100695548		21,510,971.19
186148	2011/12	200393-06-03	100691578	22,375.26	WBS 200393-06-03		100691578		21,533,346.45
186148	2011/12	200393-06-03	100695549	-42,681.37	WBS 200393-06-03		100695549		21,490,665.08
186148	2011/12	200687-01	100695557	6,000.00	WBS 200687-01		100695557		21,496,665.08
2011/12 Total				875,050.59				Dec Balance=>	21,496,665.08
186148 Total				1,428,670.48					

Account	Year/month	Assignment	Document Number	Amount	Text	Reference	Invoice Reference	Balance	Running	
186149	2011/10	200392-01-01	100679013	90.00	WBS 200392-01-01		100679013	Sep Balance=>	2,170,770.87	2,170,860.87
186149	2011/10	200392-03-02	100679014	54,897.08	WBS 200392-03-02		100679014			2,225,757.95
186149	2011/10	200392-03-04	100679015	43,990.40	WBS 200392-03-04		100679015			2,269,748.35
186149	2011/10	200392-04-31	100679590	10,251.66	WBS 200392-04-31		100679590			2,280,000.01
	2011/10 Total			109,229.14				Oct Balance=>		2,280,000.01
186149	2011/11	200392-01-01	100683708	750.00	WBS 200392-01-01		100683708			2,280,750.01
186149	2011/11	200392-02-01	100683709	975.49	WBS 200392-02-01		100683709			2,281,725.50
186149	2011/11	200392-03-02	100683710	86,468.22	WBS 200392-03-02		100683710			2,368,193.72
186149	2011/11	200392-03-04	100683711	16,151.21	WBS 200392-03-04		100683711			2,384,344.93
186149	2011/11	200392-04-31	100686932	10,994.23	WBS 200392-04-31		100686932			2,395,339.16
	2011/11 Total			115,339.15				Nov Balance=>		2,395,339.16
186149	2011/12	200392-01-01	100695539	35,160.00	WBS 200392-01-01		100695539			2,430,499.16
186149	2011/12	200392-02-01	100691579	1,410.70	WBS 200392-02-01		100691579			2,431,909.86
186149	2011/12	200392-02-01	100695540	168,613.81	WBS 200392-02-01		100695540			2,600,523.67
186149	2011/12	200392-03-01	100695541	637,000.00	WBS 200392-03-01		100695541			3,237,523.67
186149	2011/12	200392-03-02	100691580	2,158.34	WBS 200392-03-02		100691580			3,239,682.01
186149	2011/12	200392-03-02	100695542	-143,523.64	WBS 200392-03-02		100695542			3,096,158.37
186149	2011/12	200392-03-03	100695543	318,000.00	WBS 200392-03-03		100695543			3,414,158.37
186149	2011/12	200392-03-04	100691581	34,735.90	WBS 200392-03-04		100691581			3,448,894.27
186149	2011/12	200392-03-04	100695544	-94,877.51	WBS 200392-03-04		100695544			3,354,016.76
186149	2011/12	200392-04-31	100695213	11,582.76	WBS 200392-04-31		100695213			3,365,599.52
	2011/12 Total			970,260.36				Dec Balance=>		3,365,599.52
186149 Total				1,194,828.65						
186151	2011/10	200391-03-01-31	100679589	114,468.37	WBS 200391-03-01-31		100679589	Sep Balance=>	15,943,447.76	16,057,916.13
186151	2011/10	200391-03-01-33	100679016	-0.03	WBS 200391-03-01-33		100679016			16,057,916.10
	2011/10 Total			114,468.34				Oct Balance=>		16,057,916.10
186151	2011/11	200391-03-01-31	100686933	115,287.51	WBS 200391-03-01-31		100686933			16,173,203.61
186151	2011/11	200391-03-01-33	100683712	-0.02	WBS 200391-03-01-33		100683712			16,173,203.59
	2011/11 Total			115,287.49				Nov Balance=>		16,173,203.59
186151	2011/12	200391-03-01-31	100695212	116,112.53	WBS 200391-03-01-31		100695212			16,289,316.12
186151	2011/12	200391-03-01-33	100691582	-0.02	WBS 200391-03-01-33		100691582			16,289,316.10
	2011/12 Total			116,112.51				Dec Balance=>		16,289,316.10
186151 Total				345,868.34						
186152	2011/10	200507-01-31	100679593	243.27	WBS 200507-01-31		100679593	Sep Balance=>	213,071.08	213,314.35
	2011/10 Total			243.27				Oct Balance=>		213,314.35
186152	2011/11	200507-01-31	100686934	245.01	WBS 200507-01-31		100686934			213,559.36
	2011/11 Total			245.01				Nov Balance=>		213,559.36
186152	2011/12	200507-01-31	100695216	246.76	WBS 200507-01-31		100695216			213,806.12
	2011/12 Total			246.76				Dec Balance=>		213,806.12
186152 Total				735.04						
186153	2011/10	200508-03-01	100679017	48,452.17	WBS 200508-03-01		100679017	Sep Balance=>	611,576.91	660,029.08
186153	2011/10	200508-04-31	100679594	814.78	WBS 200508-04-31		100679594			660,843.86
	2011/10 Total			49,266.95				Oct Balance=>		660,843.86
186153	2011/11	200508-04-31	100686935	915.70	WBS 200508-04-31		100686935			661,759.56
	2011/11 Total			915.70				Nov Balance=>		661,759.56
186153	2011/12	200508-03-01	100691583	12,618.34	WBS 200508-03-01		100691583			674,377.90
186153	2011/12	200508-03-01	100695552	-36,207.51	WBS 200508-03-01		100695552			638,170.39
186153	2011/12	200508-03-01	100702731	6,239.83	WBS 200508-03-01		100702731			644,410.22
186153	2011/12	200508-04-31	100695217	964.22	WBS 200508-04-31		100695217			645,374.44
186153	2011/12	200508-04-33	100695553	-2,028.00	WBS 200508-04-33		100695553			643,346.44
186153	2011/12	200508-03-01	100702798	-6,239.83	WBS 200508-03-01		100702798			637,106.61
	2011/12 Total			-24,652.95				Dec Balance=>		637,106.61
186153 Total				31,769.53						
186154	2011/10	200509-03-31	100679595	1,373.64	WBS 200509-03-31		100679595	Sep Balance=>	194,527.88	195,901.52
186154	2011/10	200509-04-01	100679018	5,956.92	WBS 200509-04-01		100679018			201,858.44
	2011/10 Total			7,330.56				Oct Balance=>		201,858.44
186154	2011/11	200509-03-31	100686936	1,407.82	WBS 200509-03-31		100686936			203,266.26
186154	2011/11	200509-04-01	100683713	2,768.75	WBS 200509-04-01		100683713			206,035.01
	2011/11 Total			4,176.57				Nov Balance=>		206,035.01
186154	2011/12	200509-02-02	100691584	968.51	WBS 200509-02-02		100691584			207,003.52
186154	2011/12	200509-02-02	100695555	-968.51	WBS 200509-02-02		100695555			206,035.01
186154	2011/12	200509-03-31	100695218	1,431.23	WBS 200509-03-31		100695218			207,466.24
186154	2011/12	200509-04-01	100695556	-3,767.67	WBS 200509-04-01		100695556			203,698.57
	2011/12 Total			-2,336.44				Dec Balance=>		203,698.57
186154 Total				9,170.69						

Detail of Gas Cost Deferrals

NW Natural
Quarterly Deferred Report of Deferred Accounting Activity
4th Quarter 2011

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Core Market Commodity gas cost deferral
 Account Number: 191400
 Current docket is UM 1496
 Current reauthorization to defer was granted in Order No. 11-436

Narrative: Deferral of customer's share of the difference between actual core commodity cost incurred and the Annual Sales WACOG embedded as defined in the related annual PGA. Prior to Nov 08 deferral was 67%; Nov 08 - Oct 08 deferral was 80% From Nov 09 forward deferral is 90%

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Debit	(Credit)	Monthly/Year	Note	Commodity Deferral (3)	8.618% Interest	Adjustment (f)	Storage Adjustment (2)	Hedge Adjustment (h)	Transfer	Activity (j)	Deferral Plus Int. GL Balance (k)								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)									
46	Jan-10		186,499	(39,044)	(10,452)	0	0	0	137,003	(5,387,580)									
47	Feb-10		(614,891)	(40,930)	(8,505)	0	0	0	(664,326)	(6,051,906)									
48	Mar-10		(1,765,863)	(49,835)	(8,806)	0	0	0	(1,824,504)	(7,876,410)									
49	Apr-10		(2,112,002)	(64,176)	(7,263)	0	0	0	(2,183,441)	(10,059,851)									
50	May-10		(2,434,277)	(81,007)	(5,277)	0	0	0	(2,520,561)	(12,580,411)									
51	Jun-10		(1,242,188)	(94,822)	(3,784)	0	0	0	(1,340,794)	(13,921,206)									
52	Jul-10		(199,101)	(100,702)	(2,743)	0	0	0	(302,546)	(14,223,752)									
53	Aug-10		(303,342)	(103,250)	(2,852)	0	0	0	(409,444)	(14,633,196)									
54	Sep-10		(1,215,664)	(109,467)	(3,041)	0	0	0	(1,328,172)	(15,961,368)									
55	Oct-10		(1,243,806)	(119,114)	(5,244)	0	0	0	(1,368,164)	(17,329,532)									
56	Nov-10	1	(1,618,763)	(5,887)	(20,704)	0	0	17,329,532	15,684,178	(1,645,354)									
57	Dec-10		(1,359,405)	(16,788)	(25,054)	0	0	0	(1,401,247)	(3,046,601)									
58	Jan-11		(991,559)	(25,534)	(26,156)	0	0	0	(1,043,249)	(4,089,850)									
59	Feb-11		(3,363,913)	(41,541)	(24,964)	0	0	0	(3,430,418)	(7,520,268)									
60	Mar-11		(1,935,496)	(61,036)	(21,582)	0	0	0	(2,018,114)	(9,538,381)									
61	Apr-11		(3,402,461)	(80,781)	(17,236)	0	0	0	(3,500,478)	(13,038,859)									
62	May-11		(757,390)	(96,402)	(11,637)	0	0	0	(865,429)	(13,904,289)									
63	Jun-11		(448,870)	(101,494)	(7,194)	0	0	0	(557,558)	(14,461,846)									
64	Jul-11		(93,265)	(104,216)	(5,838)	0	0	0	(203,319)	(14,665,165)									
65	Aug-11		(201,830)	(106,065)	(5,534)	0	0	0	(313,429)	(14,978,594)									
66	Sep-11		(527,219)	(109,486)	(5,895)	0	0	0	(642,600)	(15,621,194)									
67	Oct-11		(1,019,598)	(115,887)	(11,043)	0	0	0	(1,146,528)	(16,767,722)									
68	Nov-11	1	(3,122,887)	(11,288)	(20,801)	0	0	16,767,722	13,612,745	(3,154,976)									
69	Dec-11		(5,972,328)	(44,202)	(27,485)	0	0	0	(6,044,015)	(9,198,992)									

History truncated for ease of viewing

NOTES:

- 74 1 - October balance transferred to account 191401 for amortization
- 75 2 - Adjustment for storage true up. See line 96 of Oregon Storages Cutoff, pages 6 (Oct 2011) and 10 (Nov-Dec 2011)
- 76 3 - See line 25 of Oregon WACOG, pages 5 (Oct 2011) and 9 (Nov-Dec 2011).

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Core Market Demand cost deferral
 Account Number: 191410
 Current docket is UM 1496
 Current reauthorization to defer was granted in Order No. 11-436

Narrative: Deferral of 100% of the Difference between actual demand cost incurred and the demand cost embedded as defined in the related state's annual PGA.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Debit	(Credit)	Month/Year	Note	Demand Deferral (2)	8.618% Interest*	Adjustment	Transfer	Activity	Deferral GL Balance										
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
		Jan-10		226,245	(752)				225,493	7,645									
		Feb-10		119,566	484				120,050	127,695									
		Mar-10		594,213	3,051				597,264	724,959									
		Apr-10		509,075	7,034				516,109	1,241,068									
		May-10		321,943	10,069				332,012	1,573,080									
		Jun-10		440,773	12,880				453,653	2,026,733									
		Jul-10		364,593	15,865				380,458	2,407,191									
		Aug-10		328,989	18,469				347,458	2,754,649									
		Sep-10		451,636	21,405				473,041	3,227,690									
		Oct-10		319,167	24,326				343,493	3,571,183									
		Nov-10	1	512,707	1,841		(3,571,183)	(3,056,635)	514,548	200,126									
		Dec-10		(316,979)	2,557			(314,422)	200,126										
		Jan-11		96,057	1,782			97,839	297,966										
		Feb-11		241,984	3,009			244,993	542,958										
		Mar-11		219,512	4,688			224,200	767,158										
		Apr-11		247,356	6,398			253,754	1,020,912										
		May-11		(39,651)	7,189			(32,462)	988,450										
		Jun-11		364,391	8,407			372,798	1,361,248										
		Jul-11		266,897	10,734			277,631	1,638,880										
		Aug-11		138,431	12,267			150,698	1,789,578										
		Sep-11		227,035	13,667			240,702	2,030,280										
		Oct-11		196,610	15,287			211,897	2,242,177										
		Nov-11	1	266,010	955		(2,242,177)	(1,975,211)	266,966										
		Dec-11		(47,534)	1,747			(45,787)	221,178										

* No interest is applied to this activity until the 2007-2008 Tracker period

History truncated for ease of viewing

NOTES

1 - October balance transferred to account 191411 for amortization

2 - See line 83 of Oregon Demand, pages 7 (Oct 2011) and 11 (Nov-Dec 2011).

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Core Market Demand Collection Deferral
 Account Number: 191450
 Current docket is UJM 1496
 Current reauthorization to defer was granted in Order No. 11-436

Narrative: Deferral of 100% of the difference between actual demand costs collected and the seasonalized imbedded demand costs as defined in the state's annual PGA.

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Debit	(Credit)	Month/Year	Note	Demand Deferral (2)	8.618% Interest*	(f)	(g)	(h)	(i)	Deferral Plus Int. GL Balance	(i)		
		Jan-10		2,426,982	(1,601)				2,425,381	988,968			
		Feb-10		2,018,891	14,352				2,033,243	3,022,212			
		Mar-10		427,365	23,239				450,604	3,472,816			
		Apr-10		(527,889)	23,045				(504,844)	2,967,972			
		May-10		(634,421)	19,037				(615,384)	2,352,587			
		Jun-10		(566,552)	14,861				(551,691)	1,800,896			
		Jul-10		(237,583)	12,080				(225,503)	1,575,393			
		Aug-10		(319,222)	10,168				(309,054)	1,266,339			
		Sep-10		(154,135)	8,541				(145,595)	1,120,745			
		Oct-10		652,039	10,390				662,429	1,783,174			
		Nov-10	1	(774,261)	(2,780)		(1,783,174)		(2,560,215)	(777,041)			
		Dec-10		1,587,140	119				1,587,259	810,218			
		Jan-11		800,350	8,693				809,042	1,619,260			
		Feb-11		(1,013,999)	7,988				(1,006,011)	613,249			
		Mar-11		(798,925)	1,535				(797,390)	(184,141)			
		Apr-11		(1,367,972)	(6,235)				(1,374,206)	(1,558,347)			
		May-11		(964,901)	(14,656)				(979,557)	(2,537,904)			
		Jun-11		(375,285)	(19,574)				(394,859)	(2,932,763)			
		Jul-11		(301,283)	(22,144)				(323,427)	(3,256,190)			
		Aug-11		(231,061)	(24,215)				(255,276)	(3,511,466)			
		Sep-11		(70,847)	(25,473)				(96,320)	(3,607,785)			
		Oct-11		449,515	(24,296)				425,219	(3,182,566)			
		Nov-11	1	(679,876)	(2,441)		3,182,566		2,500,249	(682,317)			
		Dec-11		359,670	(3,609)				356,061	(326,256)			

History truncated for ease of viewing

NOTES

1 - October balance transferred to account 191411 for amortization

2 - See line 3 of Demand Deferral, pages 8 (Oct 2011) and 12 (Nov-Dec 2011).

Company: Northwest Natural Gas Company
 State: Oregon
 Description: Coos County Demand
 Account Number: 191417
 Class of Customers: Core

Narrative: Deferral of transportation charge payable by NW Natural for use of the natural gas transmission pipeline owned by Coos County.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Debit	(Credit)	Month/Year	Deferral	Adjustment (2)	Transfer (3)	Interest (1)	Activity	Balance											
		Jan-10	21,725	(6,646)			15,079	43,209											
		Feb-10	21,308	(5,566)			15,742	58,951											
		Mar-10	21,675	(5,382)			16,292	75,244											
		Apr-10	21,690	(5,393)			16,297	91,540											
		May-10	21,678	(4,260)			17,419	108,959											
		Jun-10	21,675	(3,886)			17,789	126,747											
		Jul-10	21,675	(2,855)			18,819	145,567											
		Aug-10	21,675	(3,096)			18,579	164,145											
		Sep-10	21,675	(2,682)			18,993	183,138											
		Oct-10	21,675	(2,965)			18,709	201,848											
		Nov-10	21,675	(4,673)	(201,848)		(184,846)	17,002											
		Dec-10	21,698	(6,251)			15,447	32,449											
		Jan-11	41,669	(6,875)			34,794	67,244											
		Feb-11	41,669	(5,817)			35,852	103,095											
		Mar-11	41,669	(6,626)			35,043	138,138											
		Apr-11	41,669	(5,533)			36,136	174,274											
		May-11	41,669	(5,198)			36,471	210,745											
		Jun-11	41,669	(4,073)			37,596	248,340											
		Jul-11	41,669	(4,818)			36,851	285,191											
		Aug-11	41,669	(4,744)			36,925	322,115											
		Sep-11	41,669	(4,750)			36,919	359,034											
		Oct-11	41,669	(4,268)			37,401	396,435											
		Nov-11	41,669	(6,843)	(396,435)		(361,609)	34,826											
		Dec-11	41,669	(8,274)			33,395	68,221											

History truncated for ease of viewing

NOTES

- 1 - No interest is applied to this activity
- 2 - Per Order 03-236 in docket UG-152; the amount collected via the Coos County 2¢ surcharge should be applied toward this deferral with the balance recoverable statewide as part of the PGA.
- 3 - October balance transferred to account 191411 for amortization

Oregon WACOG Deferral Calculation
2010 - 11 Tracker year
System Calendar Sales Volume

Line No.	October-10	November-10	December-10	January-11	February-11	March-11	April-11	May-11	June-11	July-11	August-11	September-11	October-11
1	P / M Unbilled Volumes:	26,576,555	57,116,209	56,763,231	44,856,818	38,967,346	34,286,196	34,286,196	22,471,246	12,351,923	10,286,204	10,464,099	11,668,789
2	C / M Unbilled Volumes:	26,576,555	56,763,231	56,763,231	44,856,818	38,967,346	34,286,196	34,286,196	22,471,246	12,351,923	10,286,204	10,464,099	11,668,789
3	Reported Cycle Billing Volumes:	55,336,841	104,361,841	120,702,519	96,910,777	89,813,839	77,317,368	60,951,792	40,715,955	26,821,589	23,492,704	23,856,394	26,080,998
4	Calculated Calendar Month Volumes:	88,876,507	104,009,863	108,796,106	103,390,942	89,813,839	77,317,368	49,136,842	30,596,532	24,755,870	23,607,599	25,061,084	32,133,566
5	Total City Costs Incurred in ORPGA file	\$ 41,831,555	\$ 51,402,568	\$ 54,295,779	\$ 48,627,352	\$ 43,442,947	\$ 32,751,039	\$ 24,058,698	\$ 14,969,963	\$ 12,468,887	\$ 11,744,367	\$ 12,058,744	\$ 22,376,463
6	System Incurred WACOG Per Thm:	0.48711	0.49421	0.49906	0.47033	0.46837	0.45089	0.48963	0.48992	0.50367	0.49616	0.48117	0.48074
7	P / M Unbilled Volumes:	23,905,866	51,239,259	50,879,709	40,117,188	46,242,780	34,996,519	30,861,606	20,323,838	11,116,941	9,244,807	9,359,612	10,457,095
8	C / M Unbilled Volumes:	23,905,866	51,239,259	50,879,709	40,117,188	46,242,780	34,996,519	30,861,606	20,323,838	11,116,941	9,244,807	9,359,612	10,457,095
9	Reported Cycle Billing Volumes:	50,209,142	94,194,249	108,725,368	87,372,900	92,078,989	69,645,676	54,873,837	36,809,802	24,273,195	21,330,208	21,646,755	29,220,982
10	Calculated Calendar Month Volumes:	77,542,535	93,834,699	97,962,847	93,498,492	80,832,738	65,510,763	44,336,068	27,602,905	22,401,061	21,445,013	22,744,238	42,136,822
11	Less: Winter WACOG Usage	947,678	1,002,584	1,106,049	531	1,014,153	958,061	748,026	656,245	588,950	670,248	666,921	776,264
12	Incremental Usage	76,594,857	92,831,921	96,854,232	92,441,912	79,818,585	64,552,702	43,588,042	26,946,660	21,812,111	20,774,765	22,077,317	41,360,558
13	Net Calculated Calendar Month Volumes:	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032	0.51032
14	"ORPGA" Average Commodity Rate	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912	0.50912
15	"ORPGA" Winter Commodity Rate	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035	0.39035
16	Monthly Incremental Rate	76	76	76	215	516	376	306	270	250	266	263	282
17	"Collections" Incr. Commodity Rate	\$ 482,482	\$ 510,435	\$ 564,418	\$ 537,656	\$ 516,326	\$ 482,482	\$ 306,369	\$ 270,799	\$ 250,692	\$ 266,491	\$ 263,147	\$ 282,622
18	"Collections" Winter Commodity Rate	\$ 39,087,887	\$ 47,373,986	\$ 49,426,652	\$ 47,174,957	\$ 40,733,020	\$ 32,942,535	\$ 22,243,850	\$ 13,751,420	\$ 11,131,156	\$ 10,601,778	\$ 11,266,496	\$ 21,107,120
19	"Collections" Average Commodity Rate	\$ 39,570,369	\$ 47,884,497	\$ 49,991,070	\$ 47,712,927	\$ 41,249,346	\$ 33,318,660	\$ 22,550,219	\$ 14,022,219	\$ 11,381,849	\$ 10,868,269	\$ 11,529,643	\$ 21,389,742
20	ORE Commodity Cost Collected	77,542,535	93,834,699	97,962,847	93,498,492	80,832,738	65,510,763	44,336,068	27,602,905	22,401,061	21,445,013	22,744,238	42,136,822
21	Calculated Calendar Month Volumes:	0.48711	0.49421	0.49906	0.47033	0.46837	0.45089	0.48963	0.48992	0.50367	0.49616	0.48117	0.48074
22	WACOG Incurred: Calculated Vol.	\$ 37,771,744	\$ 46,374,047	\$ 48,889,338	\$ 43,975,146	\$ 39,098,795	\$ 29,538,148	\$ 21,708,269	\$ 13,523,215	\$ 11,282,742	\$ 10,640,158	\$ 10,943,845	\$ 20,256,856
23	Amount	\$ 1,798,625.25	\$ 1,510,450.10	\$ 1,101,731.74	\$ 3,737,681.39	\$ 2,150,550.87	\$ 3,780,512.05	\$ 841,949.60	\$ 499,004.03	\$ 99,106.94	\$ 228,110.68	\$ 585,798.43	\$ 1,132,886.16
24	Total Collection vs Calculated	\$ 1,611,784	\$ 1,366,384	\$ 991,559.59	\$ 3,363,913	\$ 1,995,032	\$ 3,402,461.00	\$ 757,755.00	\$ 449,104.00	\$ 89,196.00	\$ 205,300.00	\$ 327,219.00	\$ 1,019,598.00
25	90% Dfrr. (Collection vs Calculated)	\$ 6,979.00	\$ (6,979.00)	\$ -	\$ -	\$ (59,536.00)	\$ 52,095.00	\$ 970.00	\$ 7,070.00	\$ (4,069.00)	\$ (11,940.00)	\$ 15,410.00	\$ (1,019,598)
26	Amount Previously Booked												1,019,598
27	Net to Book (191400)												
28	Entry 191400												
29	Entry 805-02890												
30													
31	Contract Commodity Gas Costs:												
32	Year around Contracts	\$ 9,652,363.74	\$ 10,007,963.24	\$ 9,984,692.53	\$ 9,050,868.12	\$ 11,021,249.04	\$ 8,487,148.46	\$ 9,551,813.00	\$ 9,462,471.25	\$ 9,816,113.94	\$ 9,674,681.50	\$ 9,447,465.00	\$ 10,625,397.25
33	Encana Net Activity	20,273,589.28	21,319,309.20	23,524,106.71	17,516,200.88	20,969,852.68	1,179,467.45	1,268,924.06	302,163.68	1,076,926.62	76,602.43	54,990.57	115,479.08
34	Short Term Contracts	8,937,693.85	15,843,369.63	13,532,078.11	17,375,174.39	7,934,441.48	20,580,504.64	8,429,305.37	6,675,752.09	8,790,551.97	3,238,996.50	7,196,559.98	2,196,939.00
35	Spot Purchases	249,948.11	308,958.77	323,033.27	256,501.53	208,137.70	96,999.65	134,159.36	112,218.35	175,525.93	127,445.46	145,143.43	17,442,196.44
36	Volumetric Transp Chg												243,646.35
37	Misc. Act. Up/St Sales												(272,701.90)
38	Goldman Deal												
39	Sub Total	\$ 39,113,494.98	\$ 47,479,600.84	\$ 47,363,910.62	\$ 44,198,734.92	\$ 40,134,680.90	\$ 30,344,120.20	\$ 19,384,201.79	\$ 16,500,218.63	\$ 19,909,032.94	\$ 14,718,746.62	\$ 17,496,916.98	\$ 30,350,956.22
40	Field Production Gas	\$ 625,609.34	\$ 716,456.32	\$ 727,217.21	\$ 770,937.49	\$ 603,209.73	\$ 501,111.27	\$ 603,221.63	\$ 680,672.25	\$ 751,245.41	\$ 398,829.54	\$ 296,947.54	\$ 466,160.73
41	Storage Activity:	\$ 4,512,994.99	\$ 3,161,021.50	\$ 6,039,266.36	\$ 3,517,454.99	\$ 5,520,359.51	\$ 153,669.85	\$ 193,744.00	\$ 159,121.73	\$ 174,336.63	\$ 174,336.63	\$ 1,404,966.55	\$ 1,404,966.55
42	System Withdrawals	(1,953,821.35)	(679,171.39)	(1,998,567.33)	(1,362,850.83)	(1,086,913.38)	(1,499,484.55)	(2,022,089.98)	(989,148.55)	(3,115,834.52)	(5,710,632.40)	(9,873,518.04)	(9,873,518.04)
43	System Injections	\$ 2,559,173.64	\$ 2,481,850.11	\$ 6,061,568.46	\$ 4,676,415.53	\$ 2,432,328.95	\$ 1,430,493.12	\$ 4,021,136.60	\$ (1,868,420.13)	\$ (8,687,420.55)	\$ (2,956,712.79)	\$ (5,536,295.77)	\$ (9,873,518.04)
44	Sub Total	340,864.89	(712,809.87)	(17,072.25)	(192,435.55)	(739,404.69)	(412,122.18)	(7,602.00)	(56,564.00)	(319,459.81)	(73,928.02)	(253,749.48)	(199,054.91)
45	P/M Imbalance Adj	(79,187.69)	(62,285.70)	(77,974.90)	(50,940.08)	(58,637.06)	(35,078.04)	(33,569.08)	(19,383.30)	(13,137.63)	(11,871.75)	(10,338.78)	(13,729.53)
46	C/M Imbalance Adj	(12,531.09)	1,362.95	3,861.82	(663.62)								3,142.76
47	Cost of Company Use Gas	(3,058.83)	55,701.28	41,832.94	(35,292.22)	4,082.19	90,668.67	34,764.96	8,788.52	(52,055.82)	(11,322.94)	(8,664.53)	(16,209.90)
48	Misc. Cust. Imbalance Purch												
49	Prior Period Estimate Adj.												
50	Total Monthly Gas Cost	\$ 41,831,555.37	\$ 51,402,567.92	\$ 54,295,779.45	\$ 48,627,351.78	\$ 43,442,947.22	\$ 32,751,039.40	\$ 24,058,697.90	\$ 14,969,963.23	\$ 12,468,887.11	\$ 11,744,366.70	\$ 12,058,743.98	\$ 22,376,463.36

TO P 7 COVD
see details p. 15

Oregon Storage Cut Off Adjustment:

	November-10	December-10	January-11	February-11	March-11	April-11	May-11	June-11	July-11	August-11	September-11	October-11
88 *ORPGA* Proforma Commodity Rate	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765	0.50765
89 *ORPGA* Winter Proforma Cdty Rate	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645	0.50645
90 *Collections* Winter Commodity Rate	\$ 479,952	\$ 507,759	\$ 561,458	\$ 534,836	\$ 513,618	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
91 *Collections* Average Commodity Rate	\$ 38,883,379	\$ 47,126,125	\$ 49,168,051	\$ 46,928,137	\$ 40,519,905	\$ 32,770,179	\$ 22,127,470	\$ 13,679,472	\$ 11,072,918	\$ 10,546,309	\$ 11,207,550	\$ 20,996,687
92 Proforma Commodity Cost Collected	\$ 39,363,331	\$ 47,633,883	\$ 49,729,509	\$ 47,462,973	\$ 41,033,522	\$ 32,770,179	\$ 22,127,470	\$ 13,679,472	\$ 11,072,918	\$ 10,546,309	\$ 11,207,550	\$ 20,996,687
93 Total Collection vs Calculated Line 20-17	\$ 39,570,369.25	\$ 47,884,420.98	\$ 49,991,069.74	\$ 47,712,612.20	\$ 41,249,345.87	\$ 32,942,534.88	\$ 22,243,849.59	\$ 13,751,419.53	\$ 11,131,156.49	\$ 10,601,778.07	\$ 11,266,496.41	\$ 21,107,119.96
94 Total Collection vs Calculated Reslated	\$ 39,363,330.68	\$ 47,633,882.86	\$ 49,729,508.94	\$ 47,462,972.64	\$ 41,033,522.46	\$ 32,770,179.17	\$ 22,127,469.52	\$ 13,679,471.95	\$ 11,072,918.15	\$ 10,546,309.45	\$ 11,207,549.98	\$ 20,996,687.27
95 Total Collection vs Calculated	\$ 207,038.57	\$ 250,538.13	\$ 261,560.80	\$ 249,639.56	\$ 215,823.41	\$ 172,355.71	\$ 116,380.07	\$ 71,947.58	\$ 58,238.34	\$ 55,468.62	\$ 58,946.44	\$ 110,432.69
96 .10% Dfrrl. (Collection vs Calculated)	\$ 20,704.00	\$ 25,054.00	\$ 26,156.00	\$ 24,964.00	\$ 21,382.00	\$ 17,236.00	\$ 11,638.00	\$ 7,195.00	\$ 5,824.00	\$ 5,547.00	\$ 5,895.00	\$ 11,043.00
97 Amount Previously Booked	\$ 20,704.00	\$ 25,054.00	\$ 26,156.00	\$ 24,964.00	\$ 21,620.00	\$ 17,202.00	\$ 11,653.00	\$ 7,174.00	\$ 5,838.00	\$ 5,580.00	\$ 5,850.00	\$ 11,043.00
98 Net to Book (191400)	-	-	-	-	(38)	34	(15)	21	(14)	(33)	45	11,043
99 Entry 191400												(11,043.00)
100 Entry 805-02890												11,043.00

To P. 1 col 9

Due to a system conversion, transportation demand charges are now reported in aggregate

DEMAND CHARGES: (NNG Advice No. OPUC 06 - 13A, October 4, 2006, NING/A, Demand Charges By Transport - Page 9 of 30 & 6 of 30)
 Oregon Demand charge deferral
 R:\Regulatory_Monitoring\Regulatory Accounting\Deferred Accounts\OPUC Only files\2011\4th Quarter 2011\NOR WA PGA Deferrals_2010-11 with case 10 Oct 2011.xls\OPUC Tab 3

Line No.	Actual Demand Charges:	November-10	December-10	January-11	February-11	March-11	April-11	May-11	June-11	July-11	August-11	September-11	October-11
47	US Transmission Co.:												
48	Williams (NWPL)	\$ 4,330,795.33	\$ 4,475,147.34	\$ 4,042,091.31	\$ 4,475,147.34	\$ 4,330,795.33	\$ 4,475,147.34	\$ 4,330,795.33	\$ 4,475,147.34	\$ 4,475,147.34	\$ 4,475,147.34	\$ 4,332,414.32	\$ 7,777,984.10
49	TrnsCan(Gas Trans. NW)	517,197.47	534,437.38	482,717.63	534,437.38	435,252.96	449,761.39	449,761.39	449,761.39	449,761.39	449,761.39	435,252.96	435,252.96
50	Temporary Capacity	(341,855.99)	(353,251.19)	(319,065.59)	(353,251.19)	(341,855.99)	(353,251.20)	(353,251.20)	(353,251.20)	(353,251.20)	(353,251.20)	(341,856.00)	(341,856.00)
	KB Pipeline	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19
51	CN Transmission Co.:												
52	TransCanada (NOVA)	936,128.84	940,958.07	954,019.04	960,491.88	971,212.09	960,275.35	918,007.88	970,516.45	992,347.49	965,478.14	945,648.79	945,648.79
53	TransCanada (ANG)	393,185.94	395,214.28	400,700.05	403,418.72	407,921.35	372,701.84	345,503.12	412,335.08	421,610.25	408,596.92	400,205.00	400,205.00
54	Duke En (WCJT-South)	693,692.40	698,016.50	707,705.32	839,592.57	851,271.88	867,196.33	804,638.13	849,893.21	869,797.16	846,246.05	828,116.29	828,116.29
55	Coral En T-South	54,000.00	55,800.00	55,800.00	50,400.00	55,800.00	54,000.00	55,800.00	54,000.00	55,800.00	55,800.00	54,000.00	54,000.00
56	Terasen Gas (SC)	764,168.32	793,714.14	804,731.30	731,785.64	819,233.93	808,368.49	774,355.26	792,239.17	837,062.00	814,397.25	771,939.53	771,939.53
57	Prior Period Adjustments	(18,905.17)	(314,962.80)	(61,123.32)	(35,292.22)	(106,753.72)	(129,756.14)	(229,274.85)	(229,274.85)	(167,769.80)	(224,079.04)	(157,682.18)	(129,632.96)
58	Tenaskis Virtual												
	Total Charges	\$ 7,347,095.33	\$ 7,243,761.91	\$ 7,536,854.11	\$ 7,174,828.13	\$ 7,673,707.26	\$ 7,405,666.36	\$ 7,259,375.26	\$ 7,535,403.77	\$ 7,599,192.82	\$ 7,456,785.04	\$ 7,383,141.19	\$ 7,648,321.14
	EMBEDDED CHARGES:												
59	US Transmission Co.:												
60	Williams (NWPL)	\$ 3,684,130.29	\$ 3,997,232.16	\$ 3,975,155.55	\$ 3,590,463.22	\$ 3,975,156.55	\$ 3,846,926.44	\$ 3,975,157.55	\$ 3,846,927.44	\$ 3,975,157.55	\$ 3,975,157.55	\$ 3,846,927.44	\$ 3,975,157.55
61	TrnsCan(Gas Trans. NW)	517,197.00	534,437.00	534,437.00	482,717.00	534,437.00	435,253.00	449,761.00	449,761.00	449,761.00	449,761.00	435,253.00	435,253.00
62	Temporary Capacity	97,999.00	101,265.00	101,265.00	91,466.00	101,265.00	97,999.00	101,265.00	97,999.00	101,265.00	101,265.00	97,999.00	97,999.00
	KB Pipeline	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00	18,688.00
63	CN Transmission Co.:												
64	TransCanada (NOVA)	745,767.17	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64	935,368.64
65	TransCanada (ANG)	239,195.39	390,258.01	390,258.01	390,258.01	390,258.01	347,889.38	347,889.38	347,889.38	347,889.38	347,889.38	347,889.38	347,889.38
66	Duke En (WCJT-South)	699,229.00	773,523.00	773,523.00	773,523.00	773,523.00	770,299.00	773,523.00	770,299.00	773,523.00	773,523.00	770,299.00	773,523.00
67	Coral En T-South												
68	Terasen Gas (SC)	576,541.00	792,771.00	650,079.00	587,167.00	650,079.00	629,109.00	650,079.00	629,109.00	650,079.00	650,079.00	629,109.00	650,079.00
69	Other												
	Total Embedded	\$ 6,778,746.85	\$ 7,595,140.81	\$ 7,430,372.20	\$ 6,906,582.86	\$ 7,430,373.20	\$ 7,131,466.46	\$ 7,303,329.58	\$ 7,131,467.46	\$ 7,303,330.58	\$ 7,303,330.58	\$ 7,131,467.46	\$ 7,430,374.20
	Oregon VARIANCE Share -												
70	US Transmission Co.:												
71	Williams (MWPL)	\$ 402,936.53	\$ 431,127.29	\$ 451,042.60	\$ 407,413.70	\$ 451,041.69	\$ 436,498.13	\$ 451,040.79	\$ 436,497.23	\$ 451,040.79	\$ 451,040.79	\$ 437,957.72	\$ 3,430,502.76
72	TrnsCan(Gas Trans. NW)	0.43	0.34	0.34	0.56	0.34	(0.03)	0.35	(0.03)	0.35	0.35	(0.03)	(482,115.62)
73	Temporary Capacity	(396,793.19)	(410,019.06)	(410,019.06)	(370,340.55)	(410,019.06)	(396,793.19)	(410,019.07)	(396,793.20)	(410,019.07)	(410,019.07)	(396,793.20)	(91,351.16)
	KB Pipeline	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	(0.73)	0.18	(16,858.44)
74	CN Transmission Co.:												
75	TransCanada (NOVA)	171,725.26	5,042.22	16,824.53	22,663.67	32,334.38	49,531.34	(15,661.14)	31,706.84	51,400.62	27,161.78	9,273.72	(843,796.05)
76	TransCanada (ANG)	138,914.88	4,471.05	9,419.77	11,872.28	15,934.10	22,393.32	(2,152.65)	58,136.47	66,503.60	54,764.27	47,193.92	(352,051.75)
77	Duke En (WCJT-South)	(4,994.57)	(68,114.42)	(59,374.13)	66,327.37	70,137.26	87,411.08	28,068.96	71,801.93	86,848.92	65,603.46	52,156.98	(697,795.10)
78	Coral En T-South	48,713.40	50,337.18	48,713.40	45,465.84	50,337.18	48,713.40	50,337.18	48,713.40	50,337.18	50,337.18	48,713.40	48,713.40
79	Terasen Gas (SC)	169,258.60	850.81	139,511.84	130,460.48	152,594.66	161,709.98	112,109.61	147,159.73	168,677.36	148,231.49	128,847.42	(586,436.27)
80	Prior Period Adjustments	(17,054.35)	(284,127.94)	(55,139.35)	(42,042.37)	(96,302.53)	(117,063.01)	(206,828.94)	(12,213.87)	(151,345.14)	(202,141.70)	(142,245.09)	(116,941.89)
	Other		(46,546.56)	(46,546.56)	(46,546.56)	(46,546.56)	(45,045.46)	(46,546.56)	(46,546.56)	(46,546.56)	(46,546.56)	(46,546.56)	(46,546.56)
	Total Variance	\$ 512,707.17	\$ (316,978.91)	\$ 96,057.34	\$ 241,984.05	\$ 219,511.64	\$ 247,355.74	\$ (39,651.19)	\$ 364,390.96	\$ 266,897.32	\$ 138,431.26	\$ 227,034.89	\$ 196,610.00
82	Oregon Allocation Ratio												
	83 Oregon Portion	\$ 512,707.17	\$ (316,978.91)	\$ 96,057.34	\$ 241,984.05	\$ 219,511.64	\$ 247,355.74	\$ (39,651.19)	\$ 364,390.96	\$ 266,897.32	\$ 138,431.26	\$ 227,034.89	\$ 196,610.00
	84 Amount Previously Booked	\$ 467,661.71	\$ (271,933.45)	\$ 96,057.34	\$ 241,984.05	\$ 219,511.64	\$ 247,355.74	\$ (39,651.19)	\$ 364,390.96	\$ 266,897.32	\$ 138,431.26	\$ 227,034.89	\$ 196,610.00
	85 Net to Book (191410)	\$ 45,045.46	\$ (45,045.46)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
86	Entry 191410												
87	Entry 805-02980												

To P. 2 col c

NW Natural

Calculation of Oregon Collected Demand Deferrals and basis for Interest on Demand Deferrals

Demand Deferral - Volume Component	November-10	December-10	January-11	February-11	March-11	April-11	May-11	June-11	July-11	August-11	September-11	October-11
1 Embedded Seasonalized Tab 20	8,508,808.00	12,783,584.00	12,472,968.00	10,224,130.00	8,795,971.00	6,322,866.00	4,126,576.00	2,703,901.00	2,166,691.00	2,157,069.00	2,417,892.00	5,432,235.00
2 Collected line 44	9,283,069.13	11,196,443.60	11,672,618.41	11,238,128.86	9,594,895.99	7,690,837.63	5,091,476.84	3,079,186.20	2,467,973.93	2,388,130.06	2,488,738.96	4,982,719.88
3 Deferral	774,261.13	(1,587,140.40)	(800,349.59)	1,013,998.86	798,924.98	1,367,971.63	964,900.84	375,285.20	301,282.93	231,061.06	70,846.96	(449,515.12)
4 Previously Booked	774,261.13	(1,587,140.40)	(800,349.59)	1,013,998.86	799,249.70	1,369,664.35	962,863.40	375,285.20	301,282.93	231,061.06	70,846.96	(449,515.12)
5 Net to Book					(34,722)	(1,692,722)	2,017,441					
6 Entry 191540.....	449,515.12											
7 Entry 805-02885.....	(449,515.12)											

See P. 13, Col D

Actual Fixed Charges Collected

Oregon Firm Calendar Mo. Sales:	November-10	December-10	January-11	February-11	March-11	April-11	May-11	June-11	July-11	August-11	September-11	October-11
15 Residential	44,544,159	53,652,132	56,495,067	54,009,592	45,650,623	35,664,473	22,161,105	11,963,570	8,923,990	7,711,915	8,601,889	20,556,620
16 Commercial	24,779,105	31,484,895	32,435,115	30,917,132	26,783,765	22,078,489	15,190,550	9,562,336	7,513,936	7,570,354	7,817,704	14,135,009
17 Industrial Firm	3,184,636	3,221,048	3,336,679	3,402,481	3,175,086	2,898,537	2,329,448	2,229,925	2,470,645	2,597,203	2,597,203	2,981,273
18 Total of Calendar Month Sales:	72,507,899	88,358,075	92,266,861	88,329,204	75,609,474	60,631,497	39,867,970	23,855,353	18,667,851	17,752,913	19,017,296	37,671,902
19 1 - 99 Less: 31CSF - 31SF A C	1,862,644	2,631,031	2,833,444	2,401,954	2,515,441	2,170,105	2,064,794	1,858,786	1,338,815	1,402,894	1,376,163	1,506,900
20 31SF - 31SF A C	1,107,608	1,350,421	1,395,040	1,288,750	1,300,384	1,190,705	1,197,654	1,106,920	1,071,892	1,060,291	1,090,212	1,115,968
21 32CSF - 32SF A C	404,818	429,577	428,967	402,310	420,863	388,568	372,048	304,657	337,186	273,824	342,849	368,847
22 321SF - 32SF A C	563,943	4,977,006	565,977	557,130	646,850	593,691	594,291	571,145	560,086	523,006	627,435	608,545
23 Total Firm Sales Fixed D/Charge	3,939,213	4,977,006	5,214,481	4,697,650	4,863,578	4,343,068	4,228,787	3,841,508	3,507,979	3,290,015	3,436,659	3,602,159
24 Total Calendar Sales less Fixed:	68,568,687	83,381,069	87,052,380	83,631,554	70,725,896	56,288,429	35,759,183	20,013,846	15,159,871	14,492,898	15,580,637	34,070,742
25 "OPGA" OR A No. 09-12A Ewh 1 Line	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734	0.12734
26 SFV Collected (line 24X25)	\$ 8,731,536.55	\$ 10,617,745.26	\$ 11,085,250.04	\$ 10,649,642.09	\$ 9,006,263.56	\$ 7,167,768.49	\$ 4,553,574.40	\$ 2,548,563.09	\$ 1,930,458.02	\$ 1,845,525.54	\$ 1,984,038.29	\$ 4,338,568.34
All Cycles												
27 Plus: 31CSF - 31SF A C	\$ 249,814.37	\$ 259,948.61	\$ 263,897.65	\$ 265,174.65	\$ 267,293.26	\$ 247,909.35	\$ 249,782.92	\$ 248,426.24	\$ 247,915.79	\$ 248,860.95	\$ 246,478.35	\$ 248,174.55
28 Residential	\$ 138,560.88	\$ 140,335.80	\$ 142,658.10	\$ 146,146.26	\$ 147,140.24	\$ 138,126.30	\$ 135,784.35	\$ 136,929.09	\$ 140,384.40	\$ 134,146.35	\$ 134,146.35	\$ 135,028.14
29 Commercial	\$ 41,577.90	\$ 42,059.55	\$ 42,233.35	\$ 42,277.95	\$ 38,307.75	\$ 38,307.75	\$ 38,307.75	\$ 35,595.30	\$ 41,020.20	\$ 33,772.05	\$ 42,874.65	\$ 41,589.90
30 321SF - 32SF A C	\$ 56,846.05	\$ 60,108.75	\$ 60,108.75	\$ 63,599.25	\$ 72,637.50	\$ 51,333.75	\$ 59,788.70	\$ 61,727.25	\$ 65,988.00	\$ 57,731.70	\$ 65,850.05	\$ 68,577.60
31 Prior Month Unbilled MDDV Com	\$ (62,263.52)	\$ (64,293.97)	\$ (64,293.97)	\$ (64,293.97)	\$ (129,915.83)	\$ (130,553.48)	\$ (131,585.48)	\$ (122,214.30)	\$ (122,566.09)	\$ (121,925.02)	\$ (122,690.10)	\$ (123,141.04)
32 Prior Month Unbilled MDDV Ind	\$ 122,958.68	\$ 127,971.70	\$ 129,915.83	\$ 130,553.48	\$ 131,585.48	\$ 122,214.30	\$ 122,566.09	\$ 122,180.24	\$ 121,925.02	\$ 122,690.10	\$ 120,914.04	\$ 195,309.86
33 Current Month Unbilled MDDV Com	\$ 64,293.97	\$ 66,870.45	\$ 67,612.35	\$ 69,310.61	\$ 69,807.60	\$ 65,300.63	\$ 65,300.63	\$ 65,300.63	\$ 67,038.08	\$ 63,919.05	\$ 63,919.05	\$ 80,466.71
34 Current Month Unbilled MDDV Ind	\$ 490,003.16	\$ 510,042.22	\$ 508,194.28	\$ 519,534.02	\$ 526,907.75	\$ 451,799.00	\$ 484,025.51	\$ 488,292.08	\$ 496,790.58	\$ 472,157.11	\$ 490,673.82	\$ 584,163.67
35 MDDV @ 1.81 D/C Collected	\$ 1,386.90	\$ 1,590.79	\$ 1,725.13	\$ 1,628.22	\$ 2,341.41	\$ 1,915.71	\$ 1,536.65	\$ 884.12	\$ 599.58	\$ 434.88	\$ 360.75	\$ 1,273.12
36 Plus: 31SI - 31SIV	\$ 422.30	\$ 341.95	\$ 298.49	\$ 634.22	\$ 468.65	\$ 339.28	\$ 296.53	\$ 380.91	\$ 182.71	\$ 116.82	\$ 74.49	\$ 714.92
37 31SI - 31SIV	\$ 33,423.21	\$ 37,363.98	\$ 39,478.18	\$ 35,934.26	\$ 35,229.42	\$ 32,075.91	\$ 25,625.10	\$ 18,898.77	\$ 17,431.81	\$ 16,237.08	\$ 17,206.62	\$ 25,631.74
38 32CSI - 32SIM	\$ 42,603.06	\$ 46,009.11	\$ 47,778.83	\$ 41,484.19	\$ 43,481.72	\$ 41,681.29	\$ 39,181.50	\$ 40,268.05	\$ 38,644.24	\$ 35,090.87	\$ 46,240.73	\$ 42,529.85
39 32SI - 32SIM	\$ 77,835.47	\$ 85,325.83	\$ 89,238.63	\$ 89,680.89	\$ 81,521.20	\$ 76,012.19	\$ 66,639.78	\$ 60,431.85	\$ 56,656.34	\$ 51,879.75	\$ 53,882.41	\$ 70,139.63
40 SFV Collected Interruptible Sales	\$ -	\$ -	\$ -	\$ (2,434.62)	\$ -	\$ (266.61)	\$ (585.00)	\$ (2,213.10)	\$ (4,235.43)	\$ (1,162.27)	\$ (9,959.18)	\$ (1,623.37)
41 Prior Mo Manual Adjustments Com	\$ -	\$ -	\$ -	\$ (175.16)	\$ -	\$ -	\$ -	\$ -	\$ (46.37)	\$ (3,314.76)	\$ (23,072.23)	\$ (1,920.82)
42 Prior Mo Manual Adjustments Ind	\$ (418.86)	\$ -	\$ -	\$ (4,245.12)	\$ -	\$ -	\$ (6.84)	\$ (1,110.46)	\$ (2,225.82)	\$ (1,381.01)	\$ (7,024.20)	\$ (1,154.03)
43 Prior Mo Manual Adjustments Int	\$ -	\$ -	\$ -	\$ 2,434.62	\$ 266.61	\$ 585.00	\$ 2,213.10	\$ 4,235.43	\$ 1,162.27	\$ 9,959.18	\$ 1,623.37	\$ 4,757.66
44 Unbilled Manual Adjustments Com	\$ -	\$ -	\$ -	\$ 175.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
45 Unbilled Manual Adjustments Ind	\$ -	\$ -	\$ -	\$ 4,245.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Unbilled Manual Adjustments Int	\$ 567,419.77	\$ 595,368.05	\$ 604,287.83	\$ 605,438.45	\$ 605,617.10	\$ 538,136.42	\$ 553,397.01	\$ 545,907.99	\$ 552,959.34	\$ 7,024.20	\$ 1,184.03	\$ 615.75
47 Collections Subject to Sensitive Adj	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
48 Percent Impact of Sensitive Effect	\$ (15,887.19)	\$ (16,669.71)	\$ (16,919.45)	\$ (16,951.67)	\$ (16,956.67)	\$ (15,067.28)	\$ (15,434.56)	\$ (15,284.88)	\$ (15,483.43)	\$ (15,630.01)	\$ (14,538.17)	\$ (18,555.12)
49 Revenue Sensitive Adjustment	\$ 9,283,069.13	\$ 11,196,443.60	\$ 11,672,618.41	\$ 11,238,128.86	\$ 9,594,895.99	\$ 7,690,837.63	\$ 5,091,476.84	\$ 3,079,186.20	\$ 2,467,973.93	\$ 2,388,130.06	\$ 2,488,738.96	\$ 4,982,719.88
50 Total D/C Ctd (26+47+49)												

41 Prior Mo Manual Adjustments Com	\$ -	\$ -	\$ -	\$ (2,434.62)	\$ -	\$ (266.61)	\$ (585.00)	\$ (2,213.10)	\$ (4,235.43)	\$ (1,162.27)	\$ (9,959.18)	\$ (1,623.37)
42 Prior Mo Manual Adjustments Ind	\$ -	\$ -	\$ -	\$ (175.16)	\$ -	\$ -	\$ -	\$ -	\$ (46.37)	\$ (3,314.76)	\$ (23,072.23)	\$ (1,920.82)
43 Prior Mo Manual Adjustments Int	\$ (418.86)	\$ -	\$ -	\$ (4,245.12)	\$ -	\$ -	\$ (6.84)	\$ (1,110.46)	\$ (2,225.82)	\$ (1,381.01)	\$ (7,024.20)	\$ (1,154.03)
44 Unbilled Manual Adjustments Com	\$ -	\$ -	\$ -	\$ 2,434.62	\$ 266.61	\$ 585.00	\$ 2,213.10	\$ 4,235.43	\$ 1,162.27	\$ 9,959.18	\$ 1,623.37	\$ 4,757.66
45 Unbilled Manual Adjustments Ind	\$ -	\$ -	\$ -	\$ 175.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
46 Unbilled Manual Adjustments Int	\$ -	\$ -	\$ -	\$ 4,245.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
47 Collections Subject to Sensitive Adj	\$ 567,419.77	\$ 595,368.05	\$ 604,287.83	\$ 605,438.45	\$ 605,617.10	\$ 538,136.42	\$ 553,397.01	\$ 545,907.99	\$ 552,959.34	\$ 7,024.20	\$ 1,184.03	\$ 615.75
48 Percent Impact of Sensitive Effect	\$ (15,887.19)	\$ (16,669.71)	\$ (16,919.45)	\$ (16,951.67)	\$ (16,956.67)	\$ (15,067.28)	\$ (15,434.56)	\$ (15,284.88)	\$ (15,483.43)	\$ (15,630.01)	\$ (14,538.17)	\$ (18,555.12)
49 Revenue Sensitive Adjustment	\$ 9,283,069.13	\$ 11,196,443.60	\$ 11,672,618.41	\$ 11,238,128.86	\$ 9,594,895.99	\$ 7,690,837.63	\$ 5,091,476.84	\$ 3,079,186.20	\$ 2,467,973.93	\$ 2,388,130.06	\$ 2,488,738.96	\$ 4,982,719.88

R:\Regulatory_Affairs\Regulatory Accounting\Deferred Accounts\OPUC Qtrly files\2011\14th Quarter 2011\OR_WA_PGA Deferrals_2011-12.xls\ORPGA Tab 3

(A) see P. 13 for volumes & rates

(B) see P. 14 for volumes & rates

Oregon WACOG Deferral Calculation
 2011 - 12 Tracker year
 System Calendar Sales Volume

Line No.	October-11	November-11	December-11
1	P / M Unbilled Volumes:	26,080,998	51,090,293
2	C / M Unbilled Volumes:	51,090,293	57,383,331
3	Reported Cycle Billing Volumes:	62,809,103	109,856,624
4	Calculated Calendar Month Volumes:	87,816,398	116,149,662
5	Total Cdlty Costs Incurred In ORPGA file \$	37,958,397	47,935,149
6	System Incurred WACOG Per Trm:	0.43224	0.4127

Oregon Calendar Sales Volumes

	November-11	December-11
7	P / M Unbilled Volumes:	45,816,504
8	C / M Unbilled Volumes:	51,567,490
9	Reported Cycle Billing Volumes:	98,152,225
10	Calculated Calendar Month Volumes:	104,903,210
11	Less: Winter WACOG Usage	1,334,999
12	Incremental Usage	13,876
13	Net Calculated Calendar Month Volumes:	103,373,724
14	"ORPGA" Average Commodity Rate	0.47596
15	"ORPGA" Winter Commodity Rate	0.47580
16	Monthly Incremental Rate	0.36387
17	"Collections" Incre. Commodity Rate	5,049
18	"Collections" Winter Commodity Rate	635,193
19	"Collections" Average Commodity Rate	37,152,084
20	ORE Commodity Cost Collected	37,792,326
21	Calculated Calendar Month Volumes:	79,406,031
22	WACOG Incurred: Calculated Vol.	0.43224
23	Amount	34,322,463

System Cost of Gas

	November-11	December-11
24	Total Collection vs Calculated	3,469,862.55
25	90% Dftr. (Collection vs Calculated)	3,122,876.00
		5,635,932.11
		5,972,339.00

Contract Commodity Gas Costs:

	November-11	December-11
31	Year around Contracts	10,425,050.00
32	Encane Net Activity	134,420.42
33	Short Term Contracts	174,900.49
34	Spot Purchases	12,164,061.28
35	Volumetric Transp Chg	12,113,606.70
36	Misc. Act. Up/Sl/Sales	271,483.79
37	Goldman Deal	(150,319.33)
38	Sub Total	(69,420.62)
		34,958,302.86
		44,356,986.11

Storage Activity:

	November-11	December-11
39	Field Production Gas	424,812.62
40	System Withdrawals	480,251.92
41	System Injections	3,550,962.54
		(1,024,003.04)
		4,952,519.40
		(893,127.66)
		2,526,959.50
		4,059,391.74

Other Activity

	November-11	December-11
42	P/M Imbalance Adj	195,054.91
43	C/M Imbalance Adj	(181,593.97)
44	Cost of Company Use Gas	30,860.98
45	Misc. Cust. Imbalance Purch	(58,372.68)
46	Prior Period Estimate Adj.	-

Total Monthly Gas Cost

47	Total Monthly Gas Cost	37,958,396.90
		47,935,148.69

To P.1 column D

Oregon Storage Cut Off Adjustment:

	November-11	December-11
88 *ORFGA* Proforma Commodity Rate	0.47334	0.47334
89 *ORFGA* Winter Proforma Cdity Rate	0.47318	0.47318
90 *Collections* Winter Commodity Rate	\$ 631,695	\$ 723,722
91 *Collections* Average Commodity Rate	\$ 36,947,574	\$ 48,930,919
92 Proforma Commodity Cost Collected	\$ 37,579,269	\$ 49,654,641
93 Total Collection vs Calculated Line 20-17	\$ 37,787,276.49	\$ 49,929,487.11
94 Total Collection vs Calculated Restated	\$ 37,579,269.05	\$ 49,654,640.70
95 Total Collection vs Calculated	\$ 208,007.45	\$ 274,846.41
96 10% Dfri. (Collection vs Calculated)	\$ 20,801.00	\$ 27,485.00

To P. 1 column 9

DEMAND CHARGES (NNG Advice No. OPIUC 06 - 13A, October 4, 2006, NNG
 2011 - 12 Tracker year
 Oregon Demand charge deferral

Line No.	November-11	December-11
ACTUAL DEMAND CHARGES:		
US Transmission Co.:		
47	Williams (NWPL)	\$ 7,442,613.74 \$ 7,776,553.35
48	TrnsCan(Gas Trans. NW)	
49	Temporary Capacity	
50	KB Pipeline	
CN Transmission Co.:		
51	TransCanada (NOVA)	
52	TransCanada (ANG)	
53	Duke En (WC)T-South	
54	Coral En T-South	
55	Terasen Gas (SC)	
56	PPA/TMV Demand	106,503.71 39,741.67
57	Tenasks Virtual	
58	Total Charges	\$ 7,551,117.45 \$ 7,816,295.02
		ok ok
EMBEDDED CHARGES:		
US Transmission Co.:		
59	Williams (NWPL)	\$ 3,846,927.44 \$ 3,957,232.96
60	TrnsCan(Gas Trans. NW)	517,197.00 534,437.00
61	Temporary Capacity	97,999.00 101,265.00
62	KB Pipeline	18,688.00 18,688.00
CN Transmission Co.:		
63	TransCanada (NOVA)	935,368.64 1,003,368.00
64	TransCanada (ANG)	390,258.00 458,697.00
65	Duke En (WC)T-South	770,299.00 893,509.00
66	Coral En T-South	
67	Terasen Gas (SC)	629,109.00 810,274.00
68	Other	49,934.00 51,598.23
69	Total Embedded	\$ 7,255,780.08 \$ 7,869,069.19
		ok ok
Oregon VARIANCE Share -		
US Transmission Co.:		
70	Williams (MWPL)	\$ 3,238,634.66 \$ 3,404,033.87
71	TrnsCan(Gas Trans. NW)	(465,839.34) (481,367.41)
72	Temporary Capacity	(86,267.70) (91,209.39)
73	KB Pipeline	(16,832.28) (16,832.28)
CN Transmission Co.:		
74	TransCanada (NOVA)	(842,486.53) (903,733.56)
75	TransCanada (ANG)	(351,505.38) (413,148.39)
76	Duke En (WC)T-South	(693,808.31) (804,783.56)
77	Coral En T-South	
78	Terasen Gas (SC)	(566,636.48) (729,813.79)
79	Prior Period Adjustments	97,729.29 35,795.32
80	Other	(44,975.55) (46,474.53)
81	Total Variance	\$ 266,010.38 \$ (47,533.72)
		90.070% 90.070%
82	Oregon Allocation Ratio	
83	Oregon Portion	\$ 266,010.38 \$ (47,533.72)

To P. 2, column C

NW Natural

Calculation of Oregon Collected Demand Deferrals and basis for

Demand Deferral - Volume Component

	November-11	December-11
1 Embedded Seasonalized Tab 20	9,197,282.00	13,091,551.00
2 Collected line 44	9,877,158.04	12,731,881.09
3 Deferral	679,876.04	(359,669.91)

To P. 7 column d

Actual Fixed Charges Collected

Oregon Firm Calendar Mo. Sales:	November-11	December-11
15 Residential	45,586,047	61,046,950
16 Commercial	25,754,448	34,823,335
17 Industrial Firm	3,130,626	3,395,379
18 Total of Calendar Month Sales:	74,471,121	99,265,663
19 1 - 99 Less: 31CSF - 31SF A C	1,893,278	2,533,965
20 31ISF - 31SF A C	972,336	1,171,804
21 32CSF - 32SF A C	366,182	363,275
22 32ISF - 32SF A C	689,959	717,950
23 Total Firm Sales Fixed D/Charge	3,921,755	4,816,995
24 Total Calendar Sales less Fixed:	70,549,366	94,448,669
25 "OPGA" OR A No. 09-12A Exh 1 Line	0.13068	0.13088
26 SFV Collected (line 24X25)	\$ 9,233,501.07	\$ 12,361,441.76
All Cycles		
27 Plus: 31CSF - 31SF A C	\$ 250,158.28	\$ 246,633.59
28 31ISF - 31SF A C	\$ 121,090.99	\$ 126,113.44
29 32CSF - 32SF A C	\$ 37,536.88	\$ 37,412.13
30 32ISF - 32SF A C	\$ 79,239.48	\$ 77,053.35
31 Prior Month Unbilled MDDV Com	\$ (195,309.86)	\$ (290,568.41)
32 Prior Month Unbilled MDDV Ind	\$ (80,406.71)	\$ (80,861.64)
33 Current Month Unbilled MDDV Com	\$ 290,568.41	\$ 124,483.17
34 Current Month Unbilled MDDV Ind	\$ 80,861.64	\$ 63,055.72
35 MDDV @1.81 D/C Collected	\$ 583,741.11	\$ 303,321.35
36 Plus: 31CSI - 31SIV	\$ 2,571.03	\$ 3,308.14
37 31ISI - 31SIV	\$ 475.72	\$ 415.53
38 32CSI - 32SIM	\$ 36,128.33	\$ 41,761.89
39 32ISI - 32SIM	\$ 40,337.59	\$ 44,801.76
40 SFV Collected Interruptible Sales	\$ 79,512.67	\$ 90,287.32
41 Prior Mo Manual Adjustments Com	\$ (4,757.66)	\$ (2,141.68)
42 Prior Mo Manual Adjustments Ind	\$ (7,768.18)	\$ (9,465.45)
43 Prior Mo Manual Adjustments Int	\$ (615.75)	\$ (943.21)
44 Unbilled Manual Adjustments Com	\$ 2,141.68	\$ -
45 Unbilled Manual Adjustments Ind	\$ 9,465.45	\$ -
46 Unbilled Manual Adjustments Int	\$ 643.21	\$ 161.58
47 Collections Subject to Sensitive Adj	\$ 662,562.53	\$ 387,319.91
48 Percent Impact of Sensitive Effect	-2.8534%	-2.8534%
49 Revenue Sensitive Adjustment	\$ (18,905.56)	\$ (10,880.58)
50 Total D/C Ctd (26+47+49)	\$ 9,877,158.04	\$ 12,731,881.09

NW Natural
 4th Quarter 2011 Quarterly Deferred Accounting Report
 Detail of Gas Cost Deferrals: October 2011

Detail of Non-Commodity Charges Collected from Interruptible Sales

Summary of CIS information:

Row Labels	Column Labels				Grand Total
	31CSF	31ISF	32CSF	32ISF	
1.95000					
Sum of Rate Adj Amount	248,174.55	135,028.14	41,499.90	68,577.60	493,280.19
Sum of Rate Adj Therms	127,269.00	69,307.00	21,282.00	35,168.00	253,026.00
Total Sum of Rate Adj Amount	248,174.55	135,028.14	41,499.90	68,577.60	493,280.19
Total Sum of Rate Adj Therms	127,269.00	69,307.00	21,282.00	35,168.00	253,026.00

Notes:

Rate * Usage = Charge Amount

If a customer has a billing adjustment or a stop/start in a given month, the \$1.95 rate is pro-rated

Per Demand Deferral page: Interruptible Sales Service Non-Commodity Charges Collected

	31	32
Lines 36 and 38	127,269.00	21,282.00
Lines 37 and 39	69,307.00	35,168.00
Total Interruptible Charges	196,576.00	56,450.00
		253,026.00

NW Natural
 4th Quarter 2011 Quarterly Deferred Accounting Report
 Detail of Gas Cost Deferrals: October 2011

Detail of Non-Commodity Charges Collected from Interruptible Sales

Summary of CIS information:

Row Labels	Column Labels				Grand Total
0.01558	31CSI	31ISI	32CSI	32ISI	
Sum of Rate Adj Amount	1,273.12	714.92	25,621.74	42,529.85	70,139.63
Sum of Rate Adj Therms	81,716.00	45,887.00	1,644,526.00	2,729,773.00	4,501,902.00
Total Sum of Rate Adj Amount	1,273.12	714.92	25,621.74	42,529.85	70,139.63
Total Sum of Rate Adj Therms	81,716.00	45,887.00	1,644,526.00	2,729,773.00	4,501,902.00

Notes:

Rate * Usage = Charge Amount

If a customer has a billing adjustment or a stop/start in a given month, the \$0.01558 rate is pro-rated

Per Demand Deferral page: Interruptible Sales Service Non-Commodity Charges Collected

Lines 36 and 38	31	32
Lines 37 and 39	81,716.00	1,644,526.00
	45,887.00	2,729,773.00
Total Interruptible Charges	127,603.00	4,374,299.00
		<u>4,501,902.00</u>

NORTHWEST NATURAL GAS COMPANY
 All Sites Therms Summary (Gasco, Newport, Jackson Prairie, Plymouth, Mist) (Effective 9/1/11, Tenaska Virtual Storage at AECO Canada)
 ACCOUNT NO. (164.21, 164.23, 164.22, 164.16, 164.12) Tenaska Virtual 164.40

MONTH	BEGINNING BALANCE		ISSUES		LIQUEFIED		ENDING BALANCE		RATE
	THERMS	AMOUNT	THERMS	AMOUNT	THERMS	AMOUNT	THERMS	AMOUNT	
Dec-07							135,199,219	\$ 71,078,792.13	0.52573
Jan 10	123,357,378	\$ 72,645,617.50	9,410,501	\$ 5,373,535.47	4,395,990	\$ 2,432,943.95	118,342,867	\$ 69,705,025.98	0.58901
Feb	118,342,867	\$ 69,705,025.98	4,879,344	\$ 2,627,742.75	2,365,397	\$ 1,217,833.57	115,828,920	\$ 68,295,116.80	0.58962
Mar	115,828,920	\$ 68,295,116.80	7,912,236	\$ 4,425,625.23	2,309,560	\$ 985,508.03	110,226,244	\$ 64,854,999.60	0.58838
Apr	110,226,244	\$ 64,854,999.60	15,503,891	\$ 8,614,804.86	1,670,862	\$ 646,032.16	96,393,215	\$ 56,886,226.90	0.59015
May	96,393,215	\$ 56,886,226.90	1,927,556	\$ 793,228.54	9,406,606	\$ 3,645,765.79	103,872,165	\$ 59,738,784.15	0.57512
Jun	103,872,165	\$ 59,738,784.15	652,061	\$ 363,386.29	5,713,773	\$ 2,465,796.73	108,933,877	\$ 61,841,194.59	0.56769
Jul	108,933,877	\$ 61,841,194.59	287,609	\$ 183,359.98	12,279,896	\$ 5,485,162.22	120,926,164	\$ 67,142,996.83	0.55524
Aug	120,926,164	\$ 67,142,996.83	405,287	\$ 249,157.52	5,090,346	\$ 2,304,088.84	125,611,223	\$ 69,197,928.15	0.55089
Sep	125,611,223	\$ 69,197,928.15	271,651	\$ 167,341.59	13,753,326	\$ 4,504,967.37	139,092,898	\$ 73,535,553.93	0.52868
Oct	139,092,898	\$ 73,535,553.93	2,687,797	\$ 1,156,185.84	14,129,691	\$ 4,843,395.19	150,534,792	\$ 77,222,763.28	0.51299
Nov	150,534,792	\$ 77,222,763.28	10,700,976	\$ 4,746,126.96	5,072,131	\$ 1,953,821.35	144,905,947	\$ 74,430,457.67	0.51365
Dec	144,905,947	\$ 74,430,457.67	7,060,485	\$ 3,161,021.50	1,684,010	\$ 679,171.39	139,529,472	\$ 71,948,607.56	0.51565
TOTAL 2010 ACTIVITY			61,699,394	\$ 31,861,516.53	77,871,488	\$ 31,164,506.59			

MONTH	BEGINNING BALANCE		ISSUES		LIQUEFIED		ENDING BALANCE		RATE
	THERMS	AMOUNT	THERMS	AMOUNT	THERMS	AMOUNT	THERMS	AMOUNT	
Jan 11	139,529,472	\$ 71,948,607.56	16,536,581	\$ 7,960,155.79	4,534,550	\$ 1,898,587.33	127,527,441	\$ 65,887,039.10	0.51665
Feb	127,527,441	\$ 65,887,039.10	12,055,968	\$ 6,039,266.36	3,407,810	\$ 1,383,289.09	118,879,283	\$ 61,231,061.83	0.51507
Mar	118,879,283	\$ 61,231,061.83	7,076,302	\$ 3,517,454.99	2,822,600	\$ 1,085,126.04	114,625,581	\$ 58,798,732.88	0.51296
Apr	114,625,581	\$ 58,798,732.88	5,732,315	\$ 2,519,434.50	2,628,886	\$ 1,088,841.38	111,522,152	\$ 57,368,239.76	0.51441
May	111,522,152	\$ 57,368,239.76	10,792,274	\$ 5,520,359.51	3,546,961	\$ 1,499,222.91	104,276,839	\$ 53,347,103.16	0.51159
Jun	104,276,839	\$ 53,347,103.16	278,481	\$ 153,669.85	4,613,636	\$ 2,022,089.98	108,611,994	\$ 55,215,523.29	0.50837
Jul	108,611,994	\$ 55,215,523.29	348,655	\$ 193,744.00	20,717,911	\$ 8,891,484.55	128,981,250	\$ 63,913,263.84	0.49552
Aug	128,981,250	\$ 63,913,263.84	288,531	\$ 159,121.73	7,526,103	\$ 3,115,834.52	136,218,822	\$ 66,869,976.63	0.49090
Sep	136,218,822	\$ 66,869,976.63	322,758	\$ 178,017.13	14,891,055	\$ 5,710,632.39	150,787,119	\$ 72,402,591.89	0.48016
Oct	150,787,119	\$ 72,402,591.89	3,380,719	\$ 1,404,966.55	27,967,660	\$ 9,873,518.03	175,374,060	\$ 80,871,143.37	0.46114
Nov	175,374,060	\$ 80,871,143.37	-	\$ -	-	\$ -	175,374,060	\$ 80,871,143.37	0.46114
Dec	175,374,060	\$ 80,871,143.37	56,812,584	\$ 27,646,190.41	92,657,172	\$ 36,568,726.22	175,374,060	\$ 80,871,143.37	0.46114
TOTAL 2011 ACTIVITY			56,812,584	\$ 27,646,190.41	92,657,172	\$ 36,568,726.22			

All Sites Therms Summary
Account Numbers
 164.12
 164.16
 164.21
 164.22
 164.23
 164.40

Note: 164040 is a new account for Tenaska Virtual Storage effective 9/1/11
 Location: AECO Canada, Storage sites selection is at Tenaska's discretion

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Detail of October 2011 WACOG and Demand Actual Costs

NW Natural
Quarterly Deferred Report of Deferred Accounting Activity
4th Quarter 2011