Oregon PUC Public Utility Commission

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REPORT NAME: Quarte December 31, 2013	rly Report of Deferred Accounting Activity - For the Three Months Ended
COMPANY NAME: NW N	atural
DOES REPORT CONTAIN	CONFIDENTIAL INFORMATION? No Yes
• •	only the cover letter electronically. Submit confidential information as directed in rms of an applicable protective order.
If known, please select desig	nation: RE (Electric) RG (Gas) RW (Water) RO (Other)
Report is required by: OA	R
□Sta ⁻	ute
Ord	er
Oth	er at the request of OPUC Staff
Is this report associated with	a specific docket/case? No Yes
If yes, enter docket n	ımber: RG 3
•	or this report to facilitate electronic search: erred Accounting Activity, For the Three Months Ended December 31, 2013,

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CRISTAN KELLEY

Rates Analyst

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VIA ELECTRONIC FILING

February 14, 2014

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, 2013

Enclosed is the Quarterly Report of Deferred Accounting Activity for the Fourth Quarter 2013. Included as part of this report are the details for WACOG and Demand deferrals for the month of December 2013. The details section is considered confidential and will be submitted per 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

Account	9/30/2013	10/31/2013	10/31/2013	11/30/2013	11/30/2013	12/31/2013	Balance 12/31/2013	Account Type	Refer to Section, Page Number
Decoupling Deferrals and Amortizations 186277 RESIDENTIAL DECOUPLING AMORTIZATION 186271 COMMERCIAL DECOUPLING AMORTIZATION 186275 RESIDENTIAL DECOUPLING DEFERRAL 186275 COMMERCIAL DECOUPLING DEFERRAL	2,976,145 205,916 3,003,659 4,949,028	(708,186) (103,220) (1,817,818) (85,062)	2,267,959 102,696 1,185,841 4,863,966	889,539 4,858,350 (1,287,021) (4,172,835)	3,157,498 4,961,047 (101,180) 691,131	(1,031,388) (793,875) 2,112,936 1,887,388	2,126,109 4,167,172 2,011,756 2,578,519	Amortization Amortization Deferral Deferral	Amor Deco Deco
Intervenor Funding Deferrals and Amortizations 186284 INTERVENOR FUNDING - ISSUE FUND 186276 INTERVENOR FUNDING 186278 NWIGU INTERVENOR MATCHING FUND 12 186286 AMORT - CUB INTERVENER MATCHING FUND 13 186288 AMORT - NWIGU INTERVENER MATCHING FUND 14	77,418 66,125 52,819 9,471 836	20,000 0 2,057 (5,114) (627)	97,418 66,125 54,876 4,357 209	(77,418) (66,125) (52,819) 90,037 90,556	20,000 0 2,057 94,394 90,765	0 0 (18,605) (9,114)	20,000 0 2,057 75,789 81,650	Deferral Deferral Deferral Amortization Amortization	Other Deferrals, Pages 1-3 Other Deferrals, Page 4 Other Deferrals, Pages 5-7 Amortization, Pages 7-9 Amortization, Pages 10-12
Miscellaneous Deferrals and Amortizations Miscellaneous Deferrals and Amortizations 18 186307 AMR AMORTIZATION	3,566,595	00	3,566,595	(3,566,594) 594,043	594,043	(106,874)	0 487,169	Deferral Amortization	Other Deferrals, Page 8 Amortization, Pages 13-14
20 186232 INDUSTRIAL DSM 21 186233 INDUSTRIAL DSM AMORTIZATION 22 186233 INDUSTRIAL DSM AMORTIZATION	2,849,581	585,477 (210,339)	3,435,058 6,930	(1,656,004) 1,508,095	1,779,054	11,534 (197,793)	1,790,589	Deferral Amortization	Other Deferrals, Page 9 Amortization, Pages 15-17
254303 EARNINGS TEST DEFERRAL 14 186279 EARNINGS SHARING AMORTIZATION 25	(87,814)	0 54,351	(33,463)	33,463	00	00	00	Amortization Amortization	Other Deferrals, Page 10 Amortization, Pages 18-19
191440 GAS RESERVES CREDIT 27 191442 GAS RESERVES CREDIT AMORTIZATION 27	(1,087,335)	(72,547) 0	(1,159,882)	1,159,882 (1,114,329)	(0)	0 186,738	(0)	Deferral	Other Deferrals, Page 11 Amortization, Pages 70-21
22 254305 (GAINS)/LOSSES ON PROPERTY SALES 28 254315 PROPERT SALES AMORT - OREGON	(2,664,215) 0	(981,384) 0	(3,645,599)	3,645,599 (3,496,469)	(0)	0 621,058	(0)	Deferral Deferral	Other Deferrals, Page 12 Amortization, Pages 22-23
191030 WORKING GAS DEFERRAL 191031 WORKING GAS DEFERRAL AMORTIZATION	4,356,215	338,939 0	4,695,154 0	(4,695,154) 4,527,918	0 4,527,918	0 (803,073)	3,724,845	Deferral Deferral	Other Deferrals, Page 13 Amortization, Pages 24-25
L	***************************************		bahallanayi ass.						
34 186145 ENVIK INV-WACKER 35 186144 ENVIK INV - PORTLAND HARBOR 36 186145 2003 ENVIR INV-GASCO 37 186146 2003 ENVIR INV-FIIGENE	263,164 1,297,179 123,884,822	0 0 (19,247,964)	263,164 1,297,179 104,636,858	0 0 2,879,387	263,164 1,297,179 107,516,246	0 0 6,042,695	263,164 1,297,179 113,558,940	Deferral Deferral Deferral	Environmental Deferrals Environmental Deferrals Environmental Deferrals
186147	5,195,121	1,18/ 42,365	184,286	725 20,807	185,011	1,459	186,469	Deferral	Environmental Deferrals
39 ISB148 - 2003 ENVIR INV-PORTLAND HARBOR 40 ISB149 - 2003 ENVIR INV-FRONT ST POX G	24,702,019	194,584	24,896,603	42,855	24,939,458	1,153,539	26,092,997	Deferral	Environmental Deferrals Environmental Deferrals
186151	19,433,581	01,412	19,559,571	69,088	3,856,207	865,165	4,721,372	Deferral	
180132 OKEGON SIEEL MILLS 186133 CENTRAL SENCICE CENTER 186148 FRENCH AMPRICAN SCHOOL	212,932	219	213,152 776,093	, 118 50,486	213,270	278 (61,380)	213,548	Deferral	Environmental Deferrals Environmental Deferrals Environmental Deferrals
Gas Cost Deferrals and Amortizations	777,757	1,499	232,726	916	233,642	1,943	235,585	Deferral	
191401 AMORTIZE OREGON WACOG 191411 AMORTIZE DEMAND OREGON	(2,544,581) 201,843	403,267 84,858	(2,141,314)	(1,960,737) (1,626,968)	(4,102,051) (1,340,267)	834,595 129,042	(3,267,456)	Amortization Amortization	Amortization, Pages 26-31 Amortization, Pages 32-37
191400 WACOG - ACCRUE OREGON 191410 DEMAND - ACCRUE OREGON	(3,039,751)	586,223	(2,453,528)	1,435,002	(1,018,526)	2,368,579	1,350,053	Deferral	Gas Cost Deferrals, Page 1
191450 OREGON DEMAND ACCRUE VOLUME 191417 DEMAND - ACCR COOS BAY	790,043	(593,953) 14,475	196,089	(525,427) (131,792)	278,028 (329,338) 15,039	(198,002) (1,287,067) 9,981	80,024 (1,616,406) 25,020	Deferral Deferral Deferral	Gas Cost Deferrals, Page 2 Gas Cost Deferrals, Page 3 Gas Cost Deferrals, Page 4

Detail of Amortization Activity

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:19 PM

Northwest Natural Gas Company Oregon

Amortization of Oregon Residential Decoupling

186277

Account Number:

Description: Company: State:

Dockets UM 1027 and UG 260 Amortization of 2012-13 deferral balance approved in Order 13-402 in UG 260

Debit (Credit)

Month/Year							
(=)	NOIC	Amortization	Transfers	Interest	Rate	Activity	Balance
(a)	(<u>a</u>)	(c)	(р)	(e1)	(e2)	(J)	(6)
Beginning Balance							
Nov-11 (old rates	(581,261)		211	2.24%	(581 050)	(177 748)
	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
Jan-12		(2,976,092)		20,263	2.01%	(2.955,829)	10,533,331
Feb-12		(2,416,447)		15,781	2.01%	(2.400.666)	8 229 140
Mar-12		(2,337,972)		11,826	2.01%	(2,326,146)	5,907,993
Apr-12		(1,806,385)		8,375	2.01%	(1.798,010)	4 104 983
May-12		(1,052,612)		5,994	2.01%	(1,046,618)	3,058,365
Jun-12		(710,703)		4,528	2.01%	(706,176)	2,352,190
Jul-12		(466,482)		3,549	2.01%	(462,933)	1,889,256
Aug-12		(355,115)		2,867	2.01%	(352,248)	1,537,008
Sep-12		(382,/36)		2,254	2.01%	(380,482)	1,156,526
OCI-12	-	(549,401)		1,477	2.01%	(547,924)	608,602
	old rates	(652,316)		473	2.01%	(651,843)	(43,241)
	new rates (1)	(484,955)	15,672,015	18,901	1.47%	15,205,961	15.162.720
Dec-12		(1,896,242)		17,413	1.47%	(1,878,829)	13.283.891
Jan-13		(2,837,904)		14,535	1.47%	(2,823,369)	10,460,522
Feb-13		(2,266,423)		11,426	1.47%	(2,254,997)	8,205,525
Mar-13		(1,735,813)		686′8	1.47%	(1,726,825)	6.478.700
Apr-13		(1,223,456)		7,187	1.47%	(1,216,269)	5,262,431
May-13		(754,633)		5,984	1.47%	(748,649)	4,513,782
Jun-13		(579,634)		5,174	1.47%	(574,459)	3,939,323
Jul-13		(357,001)		4,607	1.47%	(352,394)	3,586,929
Con 12		(305,020)		4,207	1.47%	(300,812)	3,286,116
3ch-13		(313,805)		3,833	1.47%	(309,972)	2,976,145
Nov. 12	7	(711,396)		3,210	1.47%	(708,186)	2,267,959
CT-AOM	((660,414)		2,374	1.47%	(658,040)	1,609,919
	iew idles (T)	(212,134)	1,757,813	1,900	1.38%	1,547,579	3,157,498
333		(T,U34,424)		3,036	1.38%	(1,031,388)	2,126,109
History truncated	for eace of vio						
)	6					
NOTES							
1 - Transfer in is fror	n the October ba		unt 186275				
	Dec-11 Jan-12 Feb-12 Mar-12 Aug-12 Jul-12 Jul-12 Jul-12 Jul-12 Jul-13 Aug-13 Aug-13 Jul-13 Aug-13 Aug-13 Dec-13 Jul-13 Aug-13 Aug-13 Dec-13 Aug-13 Aug-13 Dec-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Coct-13 Dec-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Feb-13 Aug-13 Aug-13 Aug-13 Feb-13 Aug-13 Aug-13 Feb-13 Aug-13 Feb-13 Aug-13 Feb-13 Aug-13 Feb-13 Feb-13 Aug-13 Feb-13 F	Nov-11 old rates Nov-11 old rates Dec-11 Jan-12 Feb-12 Mar-12 Aug-12 Jun-12 Jun-12 Jun-12 Sep-12 Oct-12 Sep-12 Oct-12 Sep-13 Mar-13 Aug-13 Aug-13 Aug-13 Aug-13 Oct-13 Nov-13 old rates Dec-13 Dec-13 Dec-13 Dec-13 Dec-13 Nov-13 old rates Dec-13 Dec-13 Nov-13 old rates Dec-13	Nov-11 old rates Nov-11 old rates Dec-11 Jan-12 Apr-12 May-12 Jul-12 Aug-12 Sep-12 Oct-12 Jan-13 Feb-13 Mar-13 Apr-13 Apr-13 Apr-13 Apr-13 Apr-13 Apr-13 Apr-13 Apr-13 Aug-13 Apr-13 Aug-13 Aug-13 Aug-13 Aug-13 Dec-12 Jul-13 Aug-13 Aug-14 Aug-14 Aug-14 Aug-13 Aug-14 Au	(581,261) (736,169) (2,684,898) (2,976,092) (2,416,447) (2,337,972) (1,806,385) (1,052,612) (710,703) (466,482) (355,115) (382,736) (549,401) (652,316) (484,955) (1,896,242) (579,631) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,735,813) (1,734,424)	(581,261) (736,169) (2,684,898) (2,976,092) (2,416,447) (2,337,972) (1,806,385) (1,052,612) (710,703) (466,482) (382,736) (382,736) (382,736) (484,955) (1,896,242) (2,837,904) (2,266,423) (1,735,813) (1,735,813) (1,735,813) (1,223,456) (754,633) (579,634) (579,634) (357,001) (305,020) (313,805) (711,396) (660,414) (1,034,424) (1,034,424)	(281,261) (736,169) 28,078 (2,684,898) 24,963 24,963 (2,976,092) 20,263 20,263 (2,416,447) 11,826 (1,806,385) 11,826 (1,052,612) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,703) 2,994 (710,704) 2,994 (710,70	(2,681,261) (736,169) 28,078 (2,684,898) 24,963 24,963 (2,976,092) 20,263 20,263 (2,16,447) 11,826 (1,806,385) 15,781 (2,337,972) 11,826 (1,052,612) 2,944 (710,703) 2,944 (710,703) 2,944 (710,703) 2,867 (355,115) 2,867 (355,115) 2,867 (355,115) 2,867 (355,115) 2,867 (355,115) 2,867 (355,115) 2,867 (355,115) 2,867 (355,116) 1,477 (652,316) 1,477 (652,316) 1,477 (552,316) 1,477 (552,316) 1,477 (552,316) 1,477 (552,316) 1,477 (552,316) 1,477 (552,316) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (552,456) 1,477 (560,414) 1,757,813 1,490 (560,414) 1,757,813 1,490 (1,034,424) 3,036

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 2012-13 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2012 Yemps by Rate Schedule:4th Quarter 2013

Schedule	Block	186277 AMORT OR DECOUPLING RES	186277 AMORT OR DECOUPLING RES	OR DECOUPLING RES	186277 AMORT OR DECOUPLING	OR DECOUPLING
			Oct	Oct	RES Nov - Old Rates	RES Nov - Old Rate
44		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Me
IR IC	***************************************	(0.04047)	21.0	(0.85)	24.1	(0.9
2R		N/A (0.04047)	0.0	0.00	0.0	0.00
3C Firm Sales	***************************************	N/A	17,580,062.5 0.0	(711, 395, 24)	16,320,175.5	(660,412.6)
Intentionally blank	***************************************		<u>V.V.</u>	0,00	0.0	0.00
31 Firm Sales		N/A	0.0	0.00	0,0	0.00
Intentionally blank						9,00
19		N/A	0.0	0.00	0.0	0.00
27			27,593.6	0.00	33,452.1	0.00
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.00
31C Firm Trans	Block 2 Block 1	N/A	0.0	0.00	0,0	0.00
Jac Carll Organ	Block 2	N/A 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
311 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
311 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
311 Interr Sales	Block 1	N/A	0.0	0.00	0.0	0.00
32C Firm Sales	Block 2	N/A	0.0	0.00	0.0	0.00
SZC FBH Sales	Block 1 Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00 0.00	0.0	0.00
	Block 5	N/A	0.0	0.00	0.0 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
32C Firm Trans	Block 6 Block 1	N/A N/A	0.0	0.00	0.0	0.00
SECTION THEIS	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0 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 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 Block 6	N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 1	N/A 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 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 N/A	0.0	0.00	0.0	0.00
32C Interr Trans	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2	N/A	0.0	0.00	0.0 0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
	Block 4	N/A	0.0	0.00	0.0	
	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 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						
Intentionally blank . 33		N/A	0.0	0.00	0.0	0.00

TOTAL AMORTIZATION (711,396.09) (660,413.60)

NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	DECOUPLING	DECOUPLING	DECOUPLING	DECOUPLING	OR DECOUPLING
SCHEUME	BIOCK	RES	RES Nov - New	RES Nov - New	RES Dec	RES Dec
		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Me
1R			0.0	0.00	0.0	0.00
<u> 1C</u>			0.0	0.00	0.0	0.0
<u> </u>		(0.01611)	13,167,831.2	(212,133.76)	64,210,080.1	(1,034,424.3
3C Firm Sales		0.00000	4,744,952.1	0.00	25,398,553.4	0.00
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31 Firm Sales	-	0.00000	158,298.0	0.00	567,710.1	0.00
Intentionally blank		***************************************				
		0.00	31,538.4	0.00	144,001.8	9.00
Intentionally blank			0.0	0.00	0.0	0.00
31C Firm Sales	Block 1	0.00000	798,602.4	0.00	2,055,114.2	0.00
31C Firm Trans	Block 2	0.00000	808,384.9	0.00	4,244,882.8	0.00
on rim trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.00
31C Interr Sales	Block 2	0.00000	47,282.0	0.00	93,906.0	0.00
31C Intern Sales	Block 1		0.0	0.00	0.0	0.00
311 Firm Sales	Block 2		0.0	0.00	0.0	0.00
311 Filli SdeS	Block 1	0.00000	127,135.9	0.00	352,778.2	0.00
31I Firm Trans	Block 2	0.00000	312,795.5	0,00	965,807.1	0.00
JALONIS LIGHTS	Block 1	0.00000	12,000.0	0.00	14,000.0	0.00
311 Interr Sales	Block 2	0.00000	49,392.0	0.00	123,898.0	0.00
244 BREET SERES	Block 1		0.0	0.00	0.0	0.00
32C Firm Sales	Block 2	0.00000	0.0	0.00	0.0	0,00
JEC THUI DUICS	Block 1 Block 2	0.00000	916,082.3	0.00	1,831,812.7	0.00
	Block 3		471,648.1	0.00	1,147,348.0	0.00
	Block 4	0.00000	74,919.0	0.00	259,711.3	0.00
	Block 5	0.00000	0.0	0.00	60,644.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
321 Firm Sales	Block 1	0.00000	0.0 291,702.1	0.00	0.0	0.00
THE CHAIN DUICE	Block 2	0.00000	346,610.4	0.00	322,796.5	0.00
	Block 3	0.0000	110,966.0	0.00	433,275.5	0.00
	Block 4	0.00000	9,330.0	0.00	183,042.0	0.00
	Block 5	0.00000		0.00	98,180.0	0.00
	Block 6		0.0	0.00	0.0	0.00
32C Firm Trans	Block 1	0.00000	0.0	0.00	0.0	0.00
Sec run runs	Block 2	0.00000	202,445.0 164,054.0	0.00	231,467.0	0.00
	Block 3	0.00000		0.00	252,467.0	0.00
	Block 4		93,436.0	0.00	129,285.0	0.00
	Block 5	0.00000	76,440.0	0.00	146,532.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
321 Firm Trans	Block 1	0.00000	709,328.0	0.00	0.0	0.00
Per Com Trains	Block 2	0.00000		0.00	769,694.0	0.00
	Block 3	0.00000	1,054,951.0	0.00	1,228,227.0	0.00
	Block 4	0.00000	658,853.0	0.00	812,841.0	0.00
	Block 5	0.00000	1,125,432.0	0.00	1,618,993.0	0.00
	Block 6		1,759,480.0	0.00	2,294,334.0	0.00
32C Interr Sales	Block 1	0.00000	237,433.0	0.00	818,322.0	0.00
and mount dates	Block 2	0.00000	451,027.0	0.00	541,256.0	0.00
	Block 3	0.00000	619,886.0	0.00	950,646.0	0.00
	Block 4		338,398.0	0.00	571,139.0	0.00
	Block 5	0.00000	540,543.0	0.00	964,986.0	0.00
	Block 6	0.00000	2,065.0	0.00	125,138.0	0.00
32I Interr Sales	Block 1	0.00000	0.0	0.00	0.0	0.00
was entered sources	Block 2	0.00000	574,163.0	0.00	625,478.0	0.00
	Block 3	0.00000	738,660.0	0.00	825,035.0	0.00
	Block 4	0.00000	390,404.0	0.00	494,683.0	0.00
	Block 5	0.00000	790,398.0 298,434.0	0.00	1,064,170.0	0.00
	Block 6	0.00000		0.00	293,114.0	0.00
32C Interr Trans	Block 1	0.00000	79,495.0	0.00	0.0	0.00
	Block 2	0.00000		0.00	79,896.0	0.00
	Block 3	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 4	0.00000	101,358.0	0.00	110,000.0	0.00
	Block 5		367,282.0 448,323.0	0.00	420,035.0	0.00
	Block 6	0.00000		0.00	646,824.0	0.00
32I Interr Trans	Block 1	0.00000	0.0	0.00	0.0	0.00
JAN LINGII HOUS		0.00000	659,393.0	0.00	633,048.0	0.00
	Block 2 Block 3		1,096,775.0	0.00	1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
	Block 6	0.00000	6,487,603.0	0.00	7,451,075.0	0.00
Intentional						
Intentionally blank						
33		0.00000	0.0	0.00	8,253,409.0	0.00

TOTAL AMORTIZATION (212,133.76) (1,034,424.39)

Amortization of Oregon Commercial Decoupling Northwest Natural Gas Company 186271 Oregon Account Number: Description: Company: State:

Dockets UM 1027 and UG 260 Amortization of 2012-13 deferral balance approved in Order 13-402 in UG 260

Beginnling Balance	6)	Beginning Balance Nov-11 old rates Nov-11 old rates Nov-11 old rates Dec-11 Jan-12 Apr-12 Apr-12 Aug-12 Aug-12 Sep-12 Sep-12 Sep-12 Sep-12 Sep-12 Oct-12 Oct-12 Oct-12 Dec-12 Dec-13 Apr-13 Apr-13 Aun-13 Aun-14	(e) 2, 2, 2, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	2.24% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(f) (107,662) 2,350,522 (336,310) (377,695) (313,007) (300,844) (242,704) (153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	(9) (86,197) 2,264,326 1,928,015 1,550,321 1,237,314 936,469 693,765 540,393 424,113 335,842 262,010
Beginning Balance (60) 2,434,808 4,064 2,134 (107,652) Nov-11 old rates (88,290) 2,434,808 4,064 2,01% 2,350,310 Jan-12 (339,818) 3,508 2,01% 2,310,310 Jan-12 (335,401) 3,508 2,01% 3,356,310 Apr-12 (315,340) 2,333 2,01% (337,653) Apr-12 (315,340) 2,333 2,01% (337,653) Apr-12 (315,340) 1,333 2,01% (337,653) Apr-12 (315,340) 1,333 2,01% (324,704) Jun-12 (115,404) 1,033 2,01% (324,704) Jun-12 (115,332) 2,01% (324,704) Jun-12 (115,332) 2,01% (324,704) Jun-12 (115,332) 2,01% (324,704) Jun-13 (35,633) 2,01% (35,334) Oct-12 (34,488) 2,013,238 2,01% (35,348) Jun-13 (34,488)	Beginning Balance (107,602) (60) 2.24% (107,662) Nov-11 old rates (88,290) 2,434,808 4,004 2,01% 2,350,522 Dec-11 (339,818) 2,434,808 4,004 2,01% 2,350,522 Ban-12 (330,605) 2,431 2,01% 2,350,522 Feb-12 (315,340) 2,341 2,01% (337,695) Mar-12 (315,340) 2,358 2,01% (337,695) Mar-12 (320,663) 1,819 2,01% (336,310) Mar-12 (34,696) 1,819 2,01% (31,300) Jun-12 (117,088) 2,01% (31,300) (31,300) Jun-12 (117,088) 2,013 2,01% (115,281) Jun-12 (117,088) 2,013 2,01% (31,300) Oct-12 (117,088) 2,013 2,01% (31,300) Oct-13 (35,748) 2,01% (31,300) (31,400) Dec-13 (35,574) 1,439 (31,47%	Beginning Balance Nov-11 old rates Nov-11 old rates Dec-11 Jan-12 Feb-12 Apr-12 Apr-12 Aug-12 Sep-12 Oct-12 Nov-12 old rates Dec-12 Nov-13 Aug-13 Aug-14 A	4, 8, 9, 9, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	2.24% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(107,662) 2,350,522 (336,310) (377,695) (313,007) (300,844) (242,704) (153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	(86,197) 2,264,326 1,928,015 1,550,321 1,237,314 936,469 693,765 540,393 424,113 335,842 262,010
Nov-11 old rates (107,602) 2,434,808 (60) 2,24% (107,662) Dec-11 new rates (1) (38,99) 2,434,808 4,004 2,01% 2,350,522 Jan-12 (38,590) 2,434,808 2,918 2,01% (336,522) Jan-12 (302,634) (32,340) 2,333 2,01% (336,522) Jan-12 (302,634) (302,634) 1,349 2,01% (377,695) App-12 (32,640) (15,404) 1,333 2,01% (377,695) App-12 (17,088) (17,404) 1,334 2,01% (327,704) Aug-12 (17,088) (17,404) 1,037 (16,2704) (377,695) Aug-12 (17,088) (37,382) (30,407) (37,382) (30,407) (37,382) Aug-13 (27,186) 2,013,238 2,01% (78,593) (37,504) Dec-12 (27,488) 2,013,238 2,428 1,47% (36,504) Juh-13 (36,574) (38,407) (38,407)	Nov-11 old rates (107,602) (60) 2.24% (107,662) new rates (1) (83-90) 2,434,808 4,004 2.01% 2.360,522 Dec-11 new rates (1) (382,901) 2,434,808 4,004 2.01% (336,522) Feb-12 (315,340) 2,931 2.01% (336,522) (336,522) Apr-12 (315,340) 2,931 2.01% (377,695) Apr-12 (315,340) 1,364 2.01% (377,695) Apr-13 (117,088) (307,841) (377,695) Aug-12 (117,088) (307 2.01% (377,697) Aug-12 (117,088) (307 2.01% (373,474) Aug-12 (117,088) (307 2.01% (373,881) Aug-12 (117,088) (307 2.01% (373,881) Aug-13 (35,047) (373,238) (374,381) Aug-13 (35,544) (324,488) (374,488) (374,488) Aug-13 (36,548) (374,488) <	Nov-11 old rates new rates (1) Dec-11 Jan-12 Feb-12 Apr-12 Apr-12 Aug-12 Sep-12 Nov-12 old rates Dec-12 Dec-12 Dec-13 Nov-12 old rates Dec-12 Dec-13 Apr-13 Apr-13 Apr-13 Aug-14 Aug-15 Aug-16 Aug-17 Aug-19 A	4, w, y,	2.24% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(107,662) 2,350,522 (336,310) (377,695) (313,007) (300,844) (242,704) (115,280) (116,280) (88,271) (73,832) (78,629) (97,388)	(86,197) 2,264,326 1,928,015 1,550,321 1,237,314 936,469 693,765 540,393 424,113 335,842
Dec. II (88,290) 2,434,808 4,004 2,01% 2,350,522 Jan-12 (339,818) 2,434,808 4,004 2,01% 2,350,522 Jan-12 (330,633) 2,911 2,01% 2,336,310 Mar-12 (330,663) 2,333 2,01% (313,007) Mar-12 (340,663) 1,619 2,01% (313,007) Mar-12 (340,663) 1,619 2,01% (313,007) Mar-12 (340,603) 1,619 2,01% (313,007) Jur-12 (117,088) 807 2,01% (340,841) Jur-13 (117,088) 807 2,01% (342,704) Jur-13 (117,088) 807 2,01% (342,704) Aug-13 (34,002) 2,013 2,01% (342,704) Aug-13 (36,574) (36,537) 1,47% (345,257) Apr-13 (36,574) (36,574) (36,574) (36,574) (36,574) Aug-13 (36,574) (36,574) (36,574)<	Dec. 1	Dec-11 Dec-11 Jan-12 Feb-12 Apr-12 Apr-12 Apr-12 Aug-12 Nov-12 old rates Dec-12 Dec-12 Apr-13 Apr-13 Aug-13 Aug-14 Aug-	\$ m \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	2,350,522 (336,310) (377,695) (313,007) (300,844) (242,704) (153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	2,264,326 1,928,015 1,550,321 1,237,314 936,469 693,765 540,393 424,113 335,842
Dec-11 (339,818) 3,508 2,019 (336,310) Jan-12 (380,605) 2,311 2,019 (337,695) Feb-12 (3180,605) 2,311 2,019 (337,695) Feb-12 (3180,605) 2,311 2,019 (337,695) Apr-12 (244,609) 1,381 2,019 (337,695) Apr-12 (117,088) 807 2,019 (300,844) Jun-12 (117,088) 807 2,019 (300,844) Jun-12 (117,088) 807 2,019 (300,844) Jun-12 (117,088) 807 2,019 (300,844) Aug-12 (78,320) 808 2,019 (300,844) Oct-12 (78,320) 808 2,019 (300,844) Oct-12 (78,320) 2,019 (300,844) Oct-12 (78,618) 2,013,238 2,019 (300,844) Dec-12 (44,618) 2,013 (44,528) (44,528) (44,528) Apr-13 (11	Dec-11 (399,818) 3,508	Dec-11 Jan-12 Jan-12 Feb-12 (380,605) Feb-12 May-12 Apr-12 Au-12 Aug-12 Aug-12 Coct-12 Coct-12 Coct-12 Coct-12 Coct-13 Coct-13 Coct-13 Coct-13 Coct-14 Coct-15 Coct-15 Coct-15 Coct-16 Coct-17 Coct-17 Coct-18 Coct-18 Coct-18 Coct-18 Coct-19		2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(336,310) (377,695) (313,007) (300,844) (242,704) (153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	7,28,7,25 1,528,015 1,550,321 1,237,314 936,469 693,765 540,393 424,113 335,842 262,010
Jan-12 (380,665) 2,911 2019 (377,652) Feb-12 (315,340) 2,911 2019 (377,652) Mar-12 (325,340) 1,819 2019 (313,007) Mar-12 (244,069) 1,364 2019 (313,007) Mar-12 (144,464) 1,033 2019 (313,007) Jun-12 (48,907) (153 2019 (313,007) Jun-12 (88,907) (116,280) 2019 (313,007) Jun-12 (88,907) (116,280) 2019 (315,331) Jun-12 (88,907) 500 2019 (315,331) Sep-12 (79,032) 373 2019 (318,231) Sep-13 (79,688) 2,013 273 2019 (32,291) Sep-13 (62,186) 2,013,238 2,438 1,47% (36,253) Mar-13 (174,937) 868 1,47% (174,069) Mar-13 (174,937) (86,3407) 1,47% (103,250)	Part	Jan-12 Feb-12 Mar-12 Apr-12 Apr-12 Apr-12 Aug-12 Aug-12 Coct-12 Coct-12 Coct-12 Coct-12 Coct-13 Coct-13 Coct-13 Coct-13 Coct-14 Coct-15 Coct-15 Coct-16 Coct-17 Coct-17 Coct-18 Coct-18 Coct-18 Coct-19 Coct-19 Coct-19 Coct-19 Coct-10 Co	2,911 2,333 1,819 1,364 1,033 807 636 500 373 225 64 64	2.01% 2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(377,695) (377,695) (313,007) (300,844) (242,704) (153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	1,550,321 1,550,321 1,237,314 936,469 693,765 540,393 424,113 335,842 262,010
Feb-12 (315,340) 2,333 201% (300,054) Apr-12 (340,663) 1,819 201% (300,844) Apr-12 (240,663) 1,364 2.01% (300,844) Apr-12 (340,663) 1,364 2.01% (300,844) Jun-12 (117,088) 807 2.01% (247,704) Jun-12 (83,907) 807 2.01% (247,704) Jun-12 (83,907) 807 2.01% (247,704) Aug-12 (79,002) 2.01% (116,280) (116,280) Oct-12 (79,613) 2.25 2.01% (73,822) Oct-12 (62,186) 2,013,238 2,428 1,47% (36,736) Dec-12 (62,186) 2,013,238 2,428 1,47% (36,736) Ap-13 (36,734) 1,858 1,47% (36,736) Ap-13 (124,937) 868 1,47% (124,669) Ap-13 (124,937) (86,934) (25,648) (25,648) (2	Feb-12 (315,340) 2,333 201% (300,044) Apr-12 (302,663) 1,819 201% (300,644) Apr-12 (302,663) 1,364 201% (300,644) Apr-12 (154,404) (154,404) 1,364 201% (300,644) Jun-12 (115,088) (115,880) 636 201% (116,280) Jun-12 (174,332) (35,600) 636 201% (116,280) Jun-12 (74,332) (74,332) 201% (116,280) Oct-12 (74,332) (373 201% (116,280) Oct-12 (74,332) (373 201% (73,823) Oct-13 (95,081) 2,013,238 2,428 1,47% (15,527) Dec-13 (62,186) 2,013,238 2,428 1,47% (15,527) Jan-13 (62,186) 2,013,238 2,428 1,47% (13,62,57) Jun-13 (174,937) (174,987) 1,47% (13,62,57) Jun-13	Feb-12 Mar-12 Apr-12 Apr-12 May-12 Jun-12 Aug-12 Sep-12 Sep-12 Oct-12 Oct-12 Oct-12 Dec-12 Dec-12 Aug-13 Aug-14 Aug-14	2,333 1,819 1,364 1,033 807 807 636 500 373 225 64	2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(313,007) (313,007) (300,844) (242,704) (115,280) (88,271) (73,832) (78,629) (97,388)	1,237,314 1,237,314 936,469 693,765 540,393 424,113 335,842 262,010
Mar-12 (302,663) (1,819) 2.01% (302,603) Mar-12 (154,406) (17,088) (300,844) (300,844) May-12 (117,088) (217,04) (300,844) (300,844) Jun-12 (117,088) (37,007) (301% (242,704) Jun-12 (117,088) (37,007) (301% (323,716) Jun-12 (74,332) (37,007) (37,832) (301% (37,832) Sep-12 (79,002) (37,832) (301% (37,832) (37,832) Oct-12 (37,808) (37,132) (37,832) (37,832) (37,832) Nov-12 old rates (37,188) (2,438) (37,438) (37,438) (37,832) Nov-12 old rates (36,574) <td>Mar-12 (302,663) 1,819 2.01% (302,504) Mar-12 (244,069) 1,819 2.01% (342,704) May-12 (154,404) 1,033 2.01% (342,704) Jun-12 (154,404) 1,033 2.01% (342,704) Jun-12 (154,404) 1,033 2.01% (153,371) Jun-12 (154,404) 1,033 2.01% (153,371) Aug-12 (74,332) 500 2.01% (15,280) Sep-12 (75,023) 635 2.01% (35,273) Nov-12 old rates (95,688) 2,013 2.25 2.01% (35,234) Nov-12 old rates (62,866) 2,013,238 2,438 1,47% (365,274) May-13 (247,488) 2,013,238 2,238 1,47% (174,069) May-13 (117,4937) 868 1,47% (174,069) May-13 (121,994) 868 1,47% (174,069) May-13 (107,428) 5,104,286 1,47</td> <td>Mar-12 Apr-12 Apr-12 May-12 Jun-12 Jun-12 Aug-12 Sep-12 Sep-12 Oct-12 Oct-12 Nov-12 old rates Dec-12 Dec-12 Aug-13 Aug-13</td> <td>1,364 1,364 1,033 807 807 636 500 373 225 64 64</td> <td>2.01% 2.01% 2.01% 2.01% 2.01% 2.01%</td> <td>(300,844) (300,844) (242,704) (116,280) (88,271) (73,832) (78,629) (97,388)</td> <td>2,27,717 936,469 693,765 540,393 424,113 335,842 262,010</td>	Mar-12 (302,663) 1,819 2.01% (302,504) Mar-12 (244,069) 1,819 2.01% (342,704) May-12 (154,404) 1,033 2.01% (342,704) Jun-12 (154,404) 1,033 2.01% (342,704) Jun-12 (154,404) 1,033 2.01% (153,371) Jun-12 (154,404) 1,033 2.01% (153,371) Aug-12 (74,332) 500 2.01% (15,280) Sep-12 (75,023) 635 2.01% (35,273) Nov-12 old rates (95,688) 2,013 2.25 2.01% (35,234) Nov-12 old rates (62,866) 2,013,238 2,438 1,47% (365,274) May-13 (247,488) 2,013,238 2,238 1,47% (174,069) May-13 (117,4937) 868 1,47% (174,069) May-13 (121,994) 868 1,47% (174,069) May-13 (107,428) 5,104,286 1,47	Mar-12 Apr-12 Apr-12 May-12 Jun-12 Jun-12 Aug-12 Sep-12 Sep-12 Oct-12 Oct-12 Nov-12 old rates Dec-12 Dec-12 Aug-13	1,364 1,364 1,033 807 807 636 500 373 225 64 64	2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(300,844) (300,844) (242,704) (116,280) (88,271) (73,832) (78,629) (97,388)	2,27,717 936,469 693,765 540,393 424,113 335,842 262,010
Apr-12 (244,069) (1,364) (1,364) (1,364) (1,364) (1,364) (1,364) (1,364) (1,37,04)	Apr-12 (244,069) 1,364 2.01% (247,07) Jun-12 (117,088) 1,364 2.01% (145,371) Jun-12 (117,088) 2.01% (145,321) Jun-12 (88,907) 636 2.01% (145,280) Jun-12 (88,907) 636 2.01% (145,280) Jun-12 (88,907) 636 2.01% (145,801) Aug-12 (79,002) 373 2.01% (15,801) Sep-12 (97,613) 225 2.01% (73,832) Oct-12 (97,613) 225 2.01% (73,832) Oct-12 (97,613) 272 2.01% (73,832) Oct-12 (97,613) 2,013,238 2,428 1,47% (1,553,480 Dec-13 (62,186) 2,013,238 2,428 1,47% (1,553,480 Jan-13 (36,574) 1,488 1,47% (14,786 (14,786 App-13 (174,937) (88,934) (28,934) (36,934) (36,934)	Apr-12 May-12 May-12 Jun-12 Jun-12 Aug-12 Sep-12 Oct-12 Nov-12 old rates Dec-12 Dec-12 Jan-13 Apr-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13 Jun-13 Apr-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13 Jun-13 Apr-13 Jun-13	1,364 1,033 807 807 636 500 373 225 64 64	2.01% 2.01% 2.01% 2.01% 2.01% 2.01%	(242,704) (242,704) (153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	693,765 693,765 540,393 424,113 335,842 262,010
May-12 (154,404) 1,033 2.01% (157,707) Jun-12 (88,907) 807 2.01% (15,280) Jun-12 (88,907) 807 2.01% (15,280) Jun-12 (89,907) 500 2.01% (15,280) Jun-12 (79,002) 373 2.01% (16,280) Oct-12 (79,002) 373 2.01% (78,523) Oct-12 (79,002) 373 2.01% (78,523) Oct-12 (79,002) 2.01% (78,523) (78,523) Dec-12 (79,613) 2,2428 1.47% (78,523) Jan-13 (62,186) 2,013,238 2,428 1.47% (245,527) Jan-13 (34,077) 1,858 1,47% (245,527) Mar-13 (328,069) 1,119 1,47% (174,069) May-13 (174,937) 868 1,47% (174,069) Jun-13 (93,44) 5,24 1,47% (174,069) Jun-13 (May-12	May-12 Jun-12 Jun-12 Jul-12 Aug-12 Sep-12 Oct-12 Nov-12 old rates Dec-12 Dec-12 Jan-13 Apr-13 May-13 Jun-13 Jun-14 Jun-14 Jun-14 Jun-14 Jun-14 Jun-14 Jun-14 Jun-14 Jun-14	1,033 807 807 636 500 373 225 64 2,428	2.01% 2.01% 2.01% 2.01% 2.01%	(153,371) (116,280) (88,271) (73,832) (78,629) (97,388)	540,393 424,113 335,842 262,010
Jun-12 (117,088) 807 2.01% (115,08) Jun-12 (88,907) 636 2.01% (116,280) Auy-12 (88,907) 636 2.01% (116,280) Auy-12 (79,002) 373 2.01% (73,832) Oct-12 (97,613) 225 2.01% (73,832) Nov-12 old rates (97,613) 225 2.01% (73,832) Nov-12 old rates (62,186) 2,013,238 2,438 1.47% (95,024) Dec-12 (247,488) 2,013,238 2,438 1.47% (195,348) Feb-13 (365,574) 1,450 1.47% (245,257) Mah-13 (236,574) 1,450 1.47% (245,257) Mah-13 (236,674) 1,450 1.47% (174,069) Mah-13 (236,674) 1,47% (121,307) (121,307) Jun-13 (24,493) (24,493) (24,494) (24,494) (24,569) Jul-13 (62,961) (24,650) 70<	Jul-12	Jun-12 Jul-12 Aug-12 Sep-12 Oct-12 Nov-12 old rates Dec-12 Dec-12 Jan-13 Apr-13 Apr-13 Jul-13	807 636 500 373 225 64 2,428	2.01% 2.01% 2.01% 2.01%	(116,280) (88,271) (73,832) (78,629) (97,388)	424,113 335,842 262,010
Jul-12 (88,907) 636 2.01% (82,71) Sep-12 (74,332) 500 2.01% (73,822) Sep-12 (79,002) 373 2.01% (73,822) Sep-12 (79,002) 373 2.01% (73,822) Oct-12 (97,613) 2.25 2.01% (73,822) Nov-12 old rates (95,088) 2,013,238 2,428 1.47% 1,953,480 Dec-12 (247,488) 2,013,238 2,428 1.47% 1,953,480 Jan-13 (364,077) 1,458 1.47% (245,257) Apr-13 (114,337) 868 1.47% (245,257) Jul-13 (114,337) 868 1.47% (121,307) Jul-13 (70,723) (70,723) 449 1.47% (70,244) Aug-13 (114,337) (83,34) (70,224) (70,224) (70,224) Jul-13 (70,723) (70,723) 1.47% (70,224) Sep-13 (166,132) (104,286	Jul-12 (88,977) (636 2.01% (73,32) Sep-12 (74,332) 500 2.01% (73,832) Sep-12 (79,613) 225 2.01% (73,832) Sep-12 (79,613) 225 2.01% (73,832) Oct-12 (97,613) 225 2.01% (73,832) Nov-12 old rates (95,088) 2,428 1.47% (95,024) Dec-12 (24,186) 2,013,238 2,428 1.47% (1,953,480 Dec-13 (365,574) 1,888 1.47% (1,953,480 1,47% (1,953,480 Mar-13 (365,574) 1,888 1.47% (1,253,480 1,47% (1,253,57) App-13 (174,937) 868 1,47% (1,26,950) App-13 (174,937) 868 1,47% (1,26,950) App-13 (174,937) 868 1,47% (1,26,950) App-13 (17,934) (63,648) (63,648) (70,274) App-13 (173,409)	Jul-12 Aug-12 Sep-12 Sep-12 Oct-12 Nov-12 old rates Dec-12 Dec-12 Jan-13 Har-13 Apr-13 May-13 Jul-13 Jul-13 Jul-13 Jul-13 Jul-13 Aug-12 Aug-13 Aug-1	636 500 373 225 64 2,428	2.01% 2.01% 2.01% 2.01%	(88,271) (73,832) (78,629) (97,388)	335,842 262,010
Aug-12 Cr22 (74,332) (74,332) 500 2.01% (73,832) (73,832) Cep-12 Cr2-12 Cr2-12 (77,002) (77,002) 373 2.01% (78,629) Oct-12 new rates (1) (62,186) 2,013,238 2,428 1.47% (95,024) Dec-12 new rates (1) (62,186) 2,013,238 2,428 1.47% (95,024) Dec-13 nn-13 nc-13 nc-13 (365,574) 1,858 1.47% (245,257) Mar-13 nc-13 nc-13 nc-13 nc-13 (38,669) 1,119 1.47% (236,960) Mar-13 nc-13 nc-14 nc-15	Aug-12 (74,332) (74,332) 500 2.01% (73,832) Sep-12 (79,002) (79,002) 373 2.01% (78,629) Oct-12 (95,088) (95,088) 64 2.01% (97,388) Nov-12 old rates (95,088) 2,428 1,47% (95,034) Dec-12 (95,088) 2,013,238 2,428 1,47% (1,933,480) Jan-13 (365,574) 2,230 1,47% (245,257) Jan-13 (365,574) 1,888 1,47% (245,257) Mar-13 (114,937) 1,450 1,47% (124,697) Mar-13 (121,994) 868 1,47% (121,307) May-13 (121,994) 868 1,47% (121,307) Jul-13 (26,961) (62,961) 368 1,47% (121,307) Jul-13 (26,961) (62,961) 368 1,47% (121,307) Aug-13 (103,409)	Aug-12 Sep-12 Sep-12 Oct-12 Nov-12 old rates Dec-12 Jan-13 Mar-13 Apr-13 May-13 May-1	500 373 225 64 2,428	2.01% 2.01% 2.01%	(73,832) (78,629) (97,388)	262,010
Sep-12 bit of 12 bit of	Sep-12 of values (79,002) (79,002) 373 (201%) (78,629) Oct-12 of rates new rates (1) new rates (2) (62,186) (62,186) (2,186) 2,013,238 2,428 (95,024) (97,388) (95,024) Dec-12 new rates (1) new rates (1) new rates (2) (62,186) (247,488) (2,186) (2,186) (2,186) 2,230 (1,47%) (1,953,480 (1,47%) (Sep-12 Oct-12 Oct-12	373 225 64 2,428	2.01%	(78,629) (97,388)	•
Oct-12 new rates (1) (97,613) 225 2.01% (97,388) Nov-12 old rates (95,088) 2,013,238 2,428 1,47% 1,933,480 Dec-12 Jan-13 Jan-13 (62,186) 2,013,238 2,428 1,47% (95,024) Feb-13 Jan-13 Jan-13 Apr-13 Hol-13 (304,077) 1,450 1,47% (245,257) May-13 May-13 Jul-13 Jul-13 Jul-13 Jul-13 Jul-13 Hol-13 Jul-13 Hol-13 H	Oct-12 new rates (97,613) (97,613) 225 (97,88) 2.01% (97,388) Nov-12 old rates (97,6186) (97,088) 2,428 (97,388) 1,47% (95,024) new rates (1) (62,186) (62,186) 2,013,238 (2,488) 1,47% (1,955,480) 1,47% (1,955,480) Dec.12 Peb.13 (304,077) (304,077) 1,858 (1,47% (365,757) 1,47% (365,757) 1,47% (365,757) Mar-13 (238,069) Mar-13 (121,994) (121,994) (121,994) (121,994) (121,307) 868 (1,47% (121,307) (121,307) 1,119 (47% (121,307) (121,307) Juln-13 (20,723) (20,73) (20,73) Mar-13 (62,961) (20,73) (103,499) (103,499) (62,961) (20,73) (103,499) (103,499) 1,47% (103,220) (20,533) Nov-13 old rates (1) (160,132) (103,499) (103,220) (20,513) (20,513) 2,778 (13,8% (49,94)31 1,47% (103,220) (20,58) History truncated for ease of viewing (799,120) (7,74) (793,875) 1,38% (793,875)	Oct-12 Nov-12 old rates Nov-12 old rates (1) Dec-12 Jan-13 Feb-13 Mar-13 Apr-13 May-13 May-13 May-13 Jul-13 Jul-13 Jul-13 (70,723)	225 64 2,428	2.01%	(97,388)	183.381
Nov-12 old rates (95,088) 64 2.01% (95,024) new rates (1) (62,186) 2,013,238 2,428 1,47% 1,953,480 Dec-12 (247,488) 2,013,238 2,428 1,47% (245,257) Jan-13 (365,774) 1,858 1,47% (363,716) Feb-13 (304,077) 1,858 1,47% (362,571) Mar-13 (238,069) 1,19 1,47% (362,577) Mar-13 (121,994) 868 1,47% (124,069) May-13 (121,994) 868 1,47% (121,307) Jul-13 (98,34) 553 1,47% (121,307) Jul-13 (70,723) 449 1,47% (62,593) Sep-13 (62,61) 368 1,47% (62,593) Oct-13 (103,409) 1,89 1,47% (103,220) Nov-13 old rates (160,132) 5,104,286 5,778 1,47% (794,993) Dec-13 (160,132) 5,104,286 5,2	Nov-12 oid rates (95,028) 64 2.01% (95,024) new rates (1) (62,186) 2,013,238 2,428 1,47% 1,953,480 Dec-12 (24,488) 2,013,238 2,428 1,47% 1,593,480 Jan-13 (304,077) 1,858 1,47% (365,57) Mar-13 (304,077) 1,450 1,47% (365,57) Mar-13 (238,069) 1,119 1,47% (365,57) Mar-13 (174,937) 868 1,47% (326,527) May-13 (121,994) 687 1,47% (121,307) Jul-13 (70,723) 449 1,47% (121,307) Jul-13 (70,723) 449 1,47% (62,593) Sep-13 (62,648) 20 1,47% (103,220) Oct-13 (100,409) 189 1,47% (103,220) Nov-13 oid rates (160,132) 5,104,286 5,778 1,47% (794,99)31 Dec-13 (799,120) 5,246 1,38% <td>Nov-12 old rates (1) (95,088) Dec-12 (247,488) Jan-13 (365,574) Feb-13 (304,077) Mar-13 (238,069) Apr-13 (124,937) May-13 (121,994) Jul-13 (70,723)</td> <td>2,428</td> <td>2.01%</td> <td></td> <td>85,993</td>	Nov-12 old rates (1) (95,088) Dec-12 (247,488) Jan-13 (365,574) Feb-13 (304,077) Mar-13 (238,069) Apr-13 (124,937) May-13 (121,994) Jul-13 (70,723)	2,428	2.01%		85,993
Dec-12 (62,186) 2,013,238 2,428 1,47% 1,953,480 Jan-13 (365,574) 1,858 1,47% (245,257) Jan-13 (365,574) 1,858 1,47% (245,257) Jan-13 (364,077) 1,450 1,47% (364,527) Mar-13 (121,994) 868 1,47% (1236,950) Apr-13 (121,994) 687 1,47% (121,307) Jun-13 (121,994) 687 1,47% (121,307) Jun-13 (70,723) 449 1,47% (121,307) Jul-13 (62,961) 553 1,47% (62,593) Aug-13 (62,961) 368 1,47% (62,593) Sep-13 (62,961) 368 1,47% (62,593) Oct-13 odr ates (103,409) 1,89 1,47% (103,220) Nov-13 old rates (160,132) 5,104,286 5,778 1,47% (793,875) Dec-13 (799,120) (799,120) 5,246	Dec-12 (247,488) 2,013,238 2,428 1.47% 1,953,480 (245,257) 340-13 (365,574) 1,858 1,47% (245,257) 1,858 1.47% (245,257) 1,858 1.47% (245,257) 1,858 1.47% (245,257) 1,858 1.47% (245,257) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (236,950) 1,119 1.47% (256,950) 1,119 1.19% (256,950) 1,119 1.19%	Dec-12 (27,186) Jan-13 (365,574) Feb-13 (304,077) Mar-13 (238,069) Apr-13 (174,937) May-13 (121,994) Jun-13 (98,934)	2,428	07.10.2	(95,024)	(9,031)
Dec-12 (247,488) 2,230 1.47% (245,557) Jan-13 (365,574) 1,858 1.47% (245,257) Jan-13 (304,077) 1,450 1.47% (363,716) Feb-13 (304,077) 1,450 1.47% (305,627) Mer-13 (174,994) 868 1.47% (174,069) Apr-13 (121,994) 687 1.47% (121,307) Jun-13 (121,994) 687 1.47% (121,307) Jun-13 (70,723) 449 1.47% (121,307) Jun-13 (70,723) 449 1.47% (70,24) Aug-13 (62,961) 368 1.47% (62,593) Sep-13 (63,648) 1.89 1.47% (103,220) Nov-13 old rates (103,409) 70 1.47% (91,581) Nov-13 old rates (160,132) 5,104,286 5,778 1.38% 4,949,931 Dec-13 (799,120) 5,246 1.38% (793,875)	Dec-12	Dec-12 Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13	טכר ר	1.47%	1,953,480	1,944,449
Jan-13 (365,574) 1,858 1,47% (363,716) 1 Feb-13 (304,077) (304,077) (304,077) (302,627) 1 Mar-13 (238,069) (238,069) (1,47% (302,627) 1 Apr-13 (174,937) 868 1,47% (236,950) May-13 (121,994) 687 1,47% (174,069) Jul-13 (98,934) 553 1,47% (70,274) Aug-13 (62,961) 368 1,47% (70,274) Aug-13 (62,961) 368 1,47% (62,593) Sep-13 (62,961) 189 1,47% (103,220) Nov-13 old rates (103,409) 70 1,47% (103,220) Nov-13 old rates (160,132) 5,104,286 5,778 1,38% 4,949,931 4,949,931 Dec-13 (799,120) 5,104,286 5,246 1,38% (793,875) 4,799,931	Jan-13 (365,574) 1,858 1.47% (363,716) 1 Feb-13 (304,077) 1,450 1,47% (302,627) 1 Mar-13 (328,069) 1,119 1,47% (236,950) 1 Apr-13 (121,994) 868 1,47% (174,069) May-13 (121,994) 687 1,47% (121,307) Jun-13 (70,723) 449 1,47% (98,382) Jul-13 (70,724) 368 1,47% (70,274) Aug-13 (62,961) 368 1,47% (62,593) Sep-13 (62,661) 368 1,47% (62,593) Oct-13 (103,409) 189 1,47% (62,593) Nov-13 old rates (160,132) 5,104,286 5,778 1,47% (91,581) Nov-13 old rates (160,132) 5,104,286 5,778 1,47% (91,581) Dec-13 (799,120) 5,104,286 5,246 1,38% (799,973) 4	Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13	7,230	1.47%	(245,257)	1,699,192
History truncated for ease of viewing (304,077) 1,450 1.47% (302,627) 1 History truncated for ease of viewing (304,077) 1,450 1.47% (302,627) 1 History truncated for ease of viewing (304,077) 1,47% (174,069) 1 May-13 (174,937) 868 1.47% (174,069) May-13 (121,994) 687 1.47% (121,307) Sep -1 (101,1307) 368 1.47% (70,724) Aug-13 (62,961) 368 1.47% (62,593) Sep -13 (62,648) 291 1.47% (62,593) Oct-13 (103,409) 189 1.47% (103,220) Nov-13 old rates (91,650) 70 1.47% (91,581) 4,949,931 4 Dec-13 (799,120) 5,104,286 5,778 1.38% 4,949,931 4	History truncated for ease of viewing 1,304,077 1,450 1,47% 1,450 1,47% 1,450 1,47% 1,450 1,47% 1,450 1,47% 1,47% 1,47% 1,236,950 1,47% 1,47% 1,236,950 1,47% 1,47% 1,47% 1,1307 1,47%	Feb-13 Mar-13 Apr-13 May-13 Jun-13	1,858	1.47%	(363,716)	1,335,475
May-13 (238,069) 1,119 1,47% (236,950) Apr-13 (174,937) 868 1,47% (124,069) May-13 (121,994) 687 1,47% (124,307) Jun-13 (98,934) 553 1,47% (121,307) Jul-13 (70,723) 449 1,47% (98,382) Aug-13 (62,961) 368 1,47% (62,593) Sep-13 (62,961) 368 1,47% (62,593) Oct-13 (103,409) 189 1,47% (103,220) Nov-13 old rates (160,132) 5,104,286 5,778 1,38% 4,949,931 4 Dec-13 (799,120) 5,246 1,38% (793,875) 4	Milestory truncated for ease of viewing (124,0497)	Mar-13 Apr-13 May-13 Jun-13	1,450	1.47%	(302,627)	1,032,849
Apr-13 (174,937) 868 1.47% (174,069) May-13 (121,994) 687 1.47% (121,307) Jun-13 (98,934) 553 1.47% (98,382) Jul-13 (70,723) 449 1.47% (98,382) Aug-13 (62,961) 368 1.47% (70,274) Aug-13 (62,961) 368 1.47% (62,593) Oct-13 (103,409) 189 1.47% (103,220) Nov-13 old rates (91,650) 70 1.47% (91,581) Dec-13 (799,120) 5,104,286 5,778 1.38% 4,949,931 4 History truncated for ease of viewing	Apr-13 (174,937) 868 1.47% (174,069) May-13 (121,994) 687 1.47% (121,307) Jun-13 (98,934) 553 1.47% (121,307) Jun-13 (70,723) 449 1.47% (70,274) Aug-13 (62,961) 368 1.47% (70,274) Sep-13 (62,961) 368 1.47% (62,593) Oct-13 (103,409) 189 1.47% (103,220) Nov-13 old rates (91,650) 70 1.47% (103,220) Nov-13 old rates (160,132) 5,104,286 5,778 1.38% 4,949,931 4 Dec-13 (799,120) 5,246 1.38% (793,875) 4	Apr-13 (May-13 (Jun-13 Jul-13	1,119	1.47%	(236,950)	795,899
Mistory truncated for ease of viewing 121,307 147% 121,307	Mistory truncated for ease of viewing 121,307 147% 121,307 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 147% 121,307 121,320 121,32	May-13 Jun-13 Jul-13	898	1.47%	(174,069)	621,830
Jun-13 Jun-13 Jun-13 Jun-13 Jun-13 Aug-13 Aug-13 Aug-13 Sep-13 Oct-13 Nov-13 old rates Nov-13 old rates Dec-13 History truncated for ease of viewing Jun-13 (70,723) (62,961) (62,961) (62,961) (62,961) (62,648) (62,648) (62,648) (62,593) (62,593) (62,593) (62,593) (62,593) (62,593) (62,593) (62,593) (62,593) (63,548) (63,549) (103,200) (103,409) (103,200) (103,409) (103,200) (104,132) (106,132) (799,120) (799,1	Jul-13 Jul-13 Jul-13 Jul-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Oct-13 Aug-13 Oct-13 Aug-13 Oct-13 Aug-13 Oct-13 Aug-13 Aug-13 Oct-13 Aug-13 Au	Jul-13	289	1.47%	(121,307)	500,523
Aug-13 Aug-13 Aug-13 Aug-13 Sep-13 Cd-13 Nov-13 old rates Dec-13 History truncated for ease of viewing Aug-13 Aug-13 (62,961) (62,961) (62,961) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,523) (63,648) (63,523) (63,648) (63,523) (63,648) (63,523) (63,648) (63,523) (63,648) (63,523) (63,623) (63,648) (63,523) (63,623) (63,623) (63,648) (63,623) (63,648) (63,623) (63,648) (63,623) (63,648) (63,623) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (63,648) (64,620)	Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Aug-13 Sep-13 (62,961) Sep-13 Oct-13 Oct-13 Nov-13 old rates (103,409) Nov-13 old rates (100,132) Dec-13 History truncated for ease of viewing Aug-13 (62,961) Sep-13 (63,648) Sep-13 (63,648) Sep-13 (63,648) Sep-13 (63,648) Sep-13 (103,409) To 1,47% (63,357) To 1,47% (103,200) To 1,47% (103,220) To	Jul-T3	553	1.47%	(98,382)	402,141
Aug-13 (62,593) Sep-13 (63,648) Sep-13 (63,648) Oct-13 (103,409) Nov-13 old rates (91,650) Nov-13 old rates (91,650) Nov-13 old rates (160,132) (160,132) 5,104,286 5,778 1,38% (799,120) 5,246 History truncated for ease of viewing	Aug-13 (62,593) Sep-13 (63,648) Sep-13 (63,648) Oct-13 (103,409) Nov-13 old rates (103,409) Nov-13 old rates (160,132) F,778 (138% Dec-13 (799,120) History truncated for ease of viewing (799,120)		449	1.47%	(70,274)	331,867
Sep-13 (63,648) 291 1.47% (63,357) (63,648) Oct-13 (103,409) (103,409) 189 1.47% (103,220) (103,220) (10,132) (160,132) 5,104,286 5,778 1.38% 4,949,931 4,5246 1.38% (799,875) 4,449,931	Sep-13 (63,648) 291 1.47% (63,357) (103,409) (103,409) (103,220) (103,220) (103,220) (100,132) (160,132) (160,132) (190,120) (Aug-13	368	1.47%	(62,593)	269,273
Uct-1.3 (103,409) 189 1.47% (103,220) 70 1.47% (103,220) (106,132) 1.47% (103,220) (160,132) (160,132) (160,132) (160,132) (190,120) (19	Uct-13 (103,409) 189 1.47% (103,220) 70 1.47% (103,220) 70 1.47% (103,220) 70 1.47% (103,220) 70 1.47% (105,131) (160,132) 5,104,286 5,778 1.38% 4,949,931 4,5,246 1.38% (799,120) 4,699,931 4,699,9	Sep-13	291	1.47%	(63,357)	205,916
Nov-13 old rates (91,650) 70 1.47% (91,581) (160,132) 5,104,286 5,778 1.38% 4,949,931 4, 5,246 1.38% (793,875) 4, History truncated for ease of viewing	Nov-13 old rates (91,650) 70 1.47% (91,581) (160,132) 5,104,286 5,778 1.38% 4,949,931 4, 5,246 1.38% (793,875) 4, History truncated for ease of viewing	004-13	189	1.47%	(103,220)	102,696
new rates (1) (160,132) 5,104,286 5,778 1.38% 4,949,931 4,9 (799,120) 5,246 1.38% (793,875) 4,1 History truncated for ease of viewing	Dec-13 (160,132) 5,104,286 5,778 1.38% 4,949,931 4,9 5,246 1.38% (793,875) 4,1 History truncated for ease of viewing	Nov-13 old rates	70	1.47%	(91,581)	11 116
Dec-13 (799,120) 5,246 1.38% (793,875) History truncated for ease of viewing	Dec-13 (799,120) 5,246 1.38% (793,875) History truncated for ease of viewing	new rates (1) (160,132)	5.778	38%	4 949 931	4 961 047
History truncated for ease of viewi	History truncated for ease of viewi	Dec-13 (799,120)	5,246	1.38%	(793,875)	4,167,172
History truncated for ease of viewi	History truncated for ease of viewi	¥				
		History truncated for ease of viewi				

NOTES

1 - Transfer in is from the October balance of deferral account 186270

NW Natural Rates & Regulatory Affairs Oregon 2012-13 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2012 Temps by Rate Schedule:4th Quarter 2013

Schedule	Błock	1862/1 AMORT OR DECOUPLING COM	1862/1 AMORT OR DECOUPLING COM	186271 AMORT OR DECOUPLING COM	1862/1 AMORT OR DECOUPLING COM	1862/1 AMOR OR DECOUPLING COM
			Oct	Oct	Nov - Old Rates	Nov - Old Rate
•		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Mo
<u> </u>		N/A	0.0	0.00	0.0	0.0
1C 2R		(0,00972)	0.0	0.00	0.0	0.0
3C Firm Sales		N/A	0,0	0.00	0.0	0.0
ntentionally blank	****	(0.00972)	7,795,563.0	(75,797,14)	7,111,261.5	(69,143.6
31 Firm Sales	***************************************	6174				
ntentionally blank	***************************************	N/A	0.0	0.00	0.0	0.00
19	***************************************	5114				
27	****************	N/A	0.0	0.00	0.0	0.0
31C Firm Sales	Block 1	(0.00972)	27,593.6	0.00	33,452.1	0.0
and term based	Block 2		1,832,005.7	(17,812.80)	1,254,378.7	(12,196.4)
31C Firm Trans	Block 1	(0.00972)	946,990.0	(9,207.69)	1,045,535.9	(10,165.86
DACTION (TORE)	Block 2		26,496.0	(257.62)	6,990.0	(67.96
31C Interr Sales	Block 1	(0.00972)	34,300.0	(333,50)	7,854.0	(76,3)
340 Bitch States	Block 2	(0.00972) (0.00972)	0.0	0.00	0.0	0.00
311 Firm Sales	Block 1		0.0	0.00	0.0	0.00
OLI THIII Sales		N/A	0.0	0.00	0.0	0.00
311 Firm Trans	Block 2 Block 1	N/A N/A	0.0	9,00	0.0	0.00
	Block 2	N/A 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
OAS STRUCT DESIGN	Block 2	N/A N/A	0.0	0.00	0.0	0.00
32C Firm Sales	Block 2	N/A	0.0	0.00	0.0	0.00
and the sound	Block 2	N/A N/A	0.0	0.00	0.0	0.00
	Block 3		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
321 (8 (II 30)C5	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A	0.0	0.00	0.0	0.00
		N/A	0.0	0.00	0.0	0.00
	Block 4 Block 5	N/A	0.0	0.00	0.0	0.00
		N/A	0.0	0.00	0.0	0.00
32C Firm Trans	Block 6	N/A	0.0	0,00	0.0	0.00
SECTION HAIRS	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
321 Firm Trans	Block 6	N/A	0.0	0.00	0,0	0.00
221 CREU HOUSE	Block 1	N/A	0.0	0.00	0.0	0.00
	Block 2 Block 3	N/A	0.0	0.00	0.0	0.00
		N/A	0.0	0.00	0.0	0.00
	Block 4 Block 5	N/A	0.0	0.00	0.0	0.00
		N/A	0.0	0.00	0.0	0.00
32C Interr Sales	Block 6	N/A	0.0	0.00	0.0	0.00
oze interrodes	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
271 Inhous Catao	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
33C to **	Block 6	N/A	0.0	0.00	0.0	0.00
32C 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
204	Block 6	N/A	0.0	0.00	0.0	0.00
32I 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
						0.00
Intentionally blank		***************************************	***************************************	***************************************		
33		N/A	0.0	0.00	0.0	0.00
ALS						
nud		10	,662,948.3	(103,408.75)	9,459,472.2	(91,650.26)

TOTAL AMORTIZATION (103,408.75) (91,650.26)

NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

	AMORT OR DECOUPLING	OR DECOUPLING	186271 AMORT OR DECOUPLING	186271 AMORT OR DECOUPLING	186271 AMOR OR DECOUPLING
Block	COM	COM	COM	COM	COM
	In Pater			Dec	Dec
*****	DI ROSS				Activity for Mo
					0.0
	0.00000				0.0
	(0.02521)	4,744,952.1	(119,620.24)		(640,297.5
			·		
	0.00000	158,298.0	0.00	567,710.1	0.00
	0.00				0.00
Dinck 1	(0.03534)				0.00
					(51,809.4)
					(107,013.50
					0.00
					0.00
					0.00
Block 1	0.00000				0.00
					0.00
Block 1	0.00000				0.00
Block 2	0.00000				0.00
Block 1		0.0	0.00		0.00
Block 2	***************************************	0.0	0.00		0.00
Block 1	0.00000		0.00		0.00
Block 2	0.00000	471,648.1	0.00		0.00
Block 3	0.00000	74,919.0	0.00	259,711.3	0.00
Block 4	0.00000	0.0	0.00	60,644.0	0.00
Block 5	0.00000	0.0	0.00	0.0	0.00
Block 6	0.00000	0.0	0.00	0.0	0.00
	0.00000	291,702.1	0.00	322,796.5	0.00
	0.00000	346,610.4	0.00	433,275.5	0.00
	0.00000	110,966.0	0.00	183,042.0	0.00
		9,330.0	0.00	98,180.0	0.00
		0.0	0.00	0.0	0.00
	***************************************	0.0	0.00	0.0	0.00
			0.00	231,467.0	0.00
		164,054.0	0.00	252,467.0	0.00
		93,436.0	0.00	129,285.0	0.00
			0.00	146,532.0	0.00
			0.00	0.0	0.00
				0.0	0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
Block 3	0.00000				0.00
Block 4	0.00000				0.00
Block 5	0.00000	298,434.0			0.00
Block 6	0.00000	0.0			0.00
Block 1	0.00000	79,495.0	0.00		0.00
Block 2	0.00000	149,269.0	0.00	165,797.0	0.00
Block 3	0.00000	101,358.0	0.00	110,000.0	0.00
Block 4	0.00000	367,282.0	0.00		0.00
Block 5	0.00000	448,323.0	0.00	646,824.0	0.00
Block 6	0.00000	0.0	0.00	0.0	0.00
Block 1	0.00000	659,393.0	0.00	633,048.0	0.00
Block 2	0.00000	1,096,775.0	0.00	1,036,939.0	0.00
Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
Block 6	0.00000	6,487,603.0	0.00	7,451,075.0	0.00
	0.00000	0.0	0.00	8,253,409.0	0.00
	Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 6 Block 1 Block 5 Block 6 Block 1 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 6 Block 1 Block 2 Block 3 Block 4 Block 5 Block 3 Block 4 Block 5	Block	DECOUPLING COM COM	DECOUPLING COM CO	Block COM

TOTAL AMORTIZATION (160,132.39) (799,120.46)



Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:32 PM

Amortization of CUB Intervenor Funding Northwest Natural Gas Company Oregon Description: Company:

State:

186286 Account Number:

Dockets UM 1101 and UG 257 Amortization of 2012 deferral approved in Order 13-406 of UG 257

1 2	Debit (Credit)							
ω 4	Month/Year	Note	Amortization	Transfers	Interest	Interest		i.
י ע	(a)	(q)	(c)	(p)	(e1)	(e2)	ACUVITY (f)	(g)
7	Beginning Balance							
75	Nov-11 o	old rates	(2,546)		S	2 24%	(903 C)	(4.413)
9/		new rates (1)	(5,180)	115,851	06	2.01%	110 860	(1,412)
77	Dec-11		(18,892)		168	2.01.%	(18,725)	244,601 505,000
78	Jan-12		(20,941)		134	2.01%	(10,72)	47/°06
79	Feb-12		(17,003)		103	2.01%	(16,000)	716/60
8	Mar-12		(16,451)		75	2.01 %	(16,300)	25,017
81	Apr-12		(12,711)		51	2.01%	(10,376)	32,041
85	May-12		(7,407)		34	2.01%	(7 373)	16,607
83	Jun-12		(5,001)		24	2.01%	(4 978)	10,007
84	Jul-12		(3,283)		17	2.01%	(3,266)	8 363
82	Aug-12		(2,499)		12	2.01%	(2,487)	5.876
\$	Sep-12		(2,694)		œ	2.01%	(5,686)	3,190
87	Oct-12		(3,866)		2	2.01%	(3.864)	(674)
88	Nov-12 old rates	ld rates	(4,590)		(2)	2.24%	(4.595)	(7,0)
88		new rates (1)	(3,492)	106,007	128	1.47%	102 642	07.373
90	Dec-12	7	(13,656)	2	111	1.47%	(13.543)	83.830
91	Jan-13		(20,436)		06	1.47%	(20,2,5)	63,484
3 2	Feb-13		(16,321)		89	1.47%	(16,253)	47.231
. y	Mar-13		(12,500)		20	1.47%	(12,450)	34.781
¥ 9	Apr-13		(8,810)		37	1.47%	(8,773)	26.008
y 8	May-13		(5,434)		29	1.47%	(5,406)	20,602
8 5	Jun-13		(4,174)		23	1.47%	(4,151)	16,451
, 80	Jui-15		(2,5/1)		19	1.47%	(2,552)	13,899
8 8	Cep-13		(2,197)		16	1.47%	(2,181)	11,718
3 5	3cp-15		(7,260)		13	1.47%	(2,247)	9,471
2 5	VCL-IJ	1	(5,123)		&	1.47%	(5,114)	4,357
101	NOV-13 Old rates	o rates	(4,756)		7	1.47%	(4,753)	(396)
107		icw idles (T)	(3,835)	98,515	*	1.38%	94,791	94,394
104	Dec-13		(18,703)		86	1.38%	(18,605)	75,789
105	History truncated for ease of viewing	or ease of view	ina					
106	•		n					
107	NOTES							
108	1 - Transfer in is from the October balances of CUB Deferral account 186276 and Issue Fund Deferral account 186284	ι the October bal	ances of CUB Deferra	al account 186276 a	and Issue Fund Defer	ral account 186284		
109	2 - Transfer represents a balance true-up adjustment	ts a balance true	-up adjustment					

History truncated for ease of viewing

NOTES

NW Natural Rates & Regulatory Affairs Oregon 2012-13 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2012 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	186286 INTERVENOR FUNDING - CUB FUND	186286 INTERVENOR FUNDING - CUB FUND	FUNDING - CUB FUND	186286 INTERVENOR FUNDING - CUB FUND	Funding - Cub Fund
		In Rates	Oct Volumes	Oct Activity for Mo.	Nov - Old Volumes	Nov - Old Activity for Mo
1R		(0.00029)	21.0	(0.01)	24.1	(0.01
1C		N/A	0.0	0.00	0.0	0.00
<u> 28</u>		(0.00029)	17,580,062.5	(5,122.87)	16,320,175.5	(4,755.73
3C Firm Sales		N/A	0.0	0.00	0.0	0.00
Intentionally blank	-			***		
3I Firm Sales ntentionally blank		N/A	0.0	0.00	0.0	0.00
19		(0.01)	0.0	0.00	0.0	0.00
27	-	10.042	27,593.6	0.00	0.0 33,452.1	0.00
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
340.1.1.0.1	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1 Block 2	N/A	0.0	0.00	0.0	0.00
311 Firm Sales	Block 1	N/A N/A	0.0	0.00	0.0	0.00
out thin saica	Block 2	N/A	0.0	0.00	0.0	0.00
311 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
311 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 Block 6	N/A 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
32C 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 Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0,00	0.0	0.00
321 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
774	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 Block 4	N/A	0.0	0.00	0.0	0.00
	Block 5	N/A N/A	0.0	0.00	0.0	0.00
	Block 6	N/A	0.0	0.00	0.0	0.00
321 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
32C Interr Trans	Block 6	N/A	0.0	0.00	0.0	0.00
Jac men nans	Block 1 Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A N/A	0.0 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
321 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
						0.00
ALS		1	7,607,677.1	(5,122.88) 16	5,353,651.7	(4,755.74)

TOTAL AMORTIZATION (4,755.74) (5,122.88)



NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	186286 INTERVENOR FUNDING -	186286 INTERVENOR FUNDING	186286 INTERVENOR FUNDING -	186286 INTERVENOR FUNDING -	186286 INTERVENC FUNDING
	LHLX.K	CUB FUND	CUB FUND Nov - New	CUB FUND Nov - New	CUB FUND Dec	CUB FUND Dec
	***************************************	In Rates	Volumes	Activity for Mo.	Volumes	Activity for M
18			0.0	0.00	0.0	0.0
1 <u>C</u>			0.0	0,00	0.0	0.0
2R		(0,00029)	13,167,831.2	(3,835,43)	64,210,080.1	(18,702.€
3C Firm Sales		0,00000	4,744,952.1	0.00	25,398,553.4	0.0
ntentionally blank		A AAAAA	de de de de de			
31 Firm Sales ntentionally blank		0.00000	158,298.0	0.00	567,710.1	0.6
27		0.00	31,538.4	0.00	144,001.8	0.1
ntentionally blank			0.0	0.00	0.0	0.0
31C Firm Sales	Block 1	0.00000	798,602.4	0.00	2,055,114.2	0.0
DECTAIN DURCH	Block 2	0.00000	808,384.9	0.00	4,244,882.8	0.0
31C Firm Trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.0
	Block 2	0.00000	47,282.0	0.00	93,906.0	0.0
31C Interr Sales	Block I		0.0	0.00	0.0	0.0
	Block 2		0.0	0.00	0.0	0,6
31I Firm Sales	Block 1	0.00000	127,135.9	0.00	352,778.2	0.0
	Block 2	0.00000	312,795.5	0.00	965,807.1	0.0
311 Firm Trans	Block 1	0.00000	12,000.0	0.00	14,000.0	0.0
	Block 2	0.00000	49,392.0	0.00	123,898.0	0.0
311 Interr Sales	Block 1		0.0	0.00	0.0	0.0
	Block 2		0.0	0.00	0.0	0.0
32C Firm Sales	Block 1	0.00000	916,082.3	0.00	1,831,812.7	0.0
	Block 2	0.00000	471,648.1	0.00	1,147,348.0	0.6
	Block 3	0.00000	74,919.0	0.00	259,711.3	0.0
	Block 4	0.00000	0.0	0.00	60,644.0	0.0
	Block 5	0.00000	0.0	0.00	0.0	0.0
	Block 6	0.00000	0.0	0.00	0.0	0.0
321 Firm Sales	Block 1	0.00000	291,702.1	0.00	322,796.5	0.0
	Block 2	0.00000	346,610.4	0.00	433,275.5	0.0
	Block 3	0.00000	110,966.0	0.00	183,042.0	0.0
	Block 4	0.00000	9,330.0	0.00	98,180.0	0.0
	Block 5	0.00000	0.0	0.00	0.0	0.0
	Block 6	0.00000	0.0	0.00	0.0	0.0
32C Firm Trans	Block 1	0.0000	202,445.0	0.00	231,467.0	0.0
	Block 2	0.00000	164,054.0	0.00	252,467.0	0.0
	Block 3	0.00000	93,436.0	0.00	129,285.0	0.0
	Block 4	0.00000	76,440.0	0.00	146,532.0	0.0
	Block 5	0.00000	0.0	0.00	0.0	0.0
221.60	Block 6	0.00000	0.0	0.00	0.0	0.0
32I Firm Trans	Block 1	0.00000	709,328.0	0.00	769,694.0	0.0
	Block 2	0.00000	1,054,951.0	0.00	1,228,227.0	0.0
	Block 3	0.00000	658,853.0	0.00	812,841.0	0.0
	Block 4	0.00000	1,125,432.0	0.00	1,618,993.0	0.0
	Block 5	0.00000	1,759,480.0	0.00	2,294,334.0	0.0
32C Interr Sales	Block 6	0.00000	237,433.0	0.00	818,322.0	0.0
32C litterr Sales	Block 1 Block 2	0.00000	451,027.0	0.00	541,256.0	0.0
	Block 3	0.00000	619,886.0	0.00	950,646.0	0.0
	Block 4	0.00000	338,398.0 540,543.0	0.00	571,139.0	0.0
	Block 5	0.00000	2,065.0	0.00	964,986.0	0.00
	Block 6	0.00000	2,065.0	0.00	125,138.0	0.0
32I Interr Sales	Block 1	0.00000	574,163.0	0.00	625,478.0	0.0
was arrest somes	Block 2	0.00000	738,660.0	0.00	825,035.0	0.00
	Block 3	0.00000	390,404.0	0.00	494,683.0	0.00
	Block 4	0.00000	790,398.0	0.00	1,064,170.0	0.00
	Block 5	0.00000	298,434.0	0.00	293,114.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
32C Interr Trans	Block 1	0.00000	79,495.0	0.00	79,896.0	0.00
	Block 2	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 3	0.00000	101,358.0	0.00	110,000.0	0.00
	Block 4	0.00000	367,282.0	0.00	420,035.0	0.00
	Block 5	0.00000	448,323.0	0.00	646,824.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
32I Interr Trans	Block 1	0.00000	659,393.0	0.00	633,048.0	0.00
	Block 2	0.00000	1,096,775.0	0.00	1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
	Block 6	0.00000	6,487,603.0	0.00	7,451,075.0	0.00
* * ** ** **						
Intentionally blank						
Intentionally blank 33		0.00000	0.0	0.00	8,253,409.0	0.00

TOTAL AMORTIZATION (3,835.43) (18,702.66)



Oregon Amortization of NWIGU Intervenor Funding Northwest Natural Gas Company Description: Account Number: Company: State:

186288 Dockets UM 1101 and UG 257

Amortization of 2012 deferral approved in Order 13-406 of UG 257

7	Debit (Credit)							
w 4	Month/Year	Note	Amortization	Transfers	Totaract	Interest		
6 5	(a)	(q)	(c)	(p)	(e)	(e2)	ACTIVITY (f)	Balance (g)
7	Beginning Balance							
09	Nov-11	#	(1,285)	18.912	31	2010/	71	6
61	Dec-11		(1,992)		25	2.01%	17,658	18,046
62	Jan-12		(1,834)		7. 7.	2.01%	(1,963)	16,082
63	Feb-12		(1,843)		2 C	2.01%	(1,809)	14,274
64	Mar-12		(1,954)		27 61	2.01%	(1,821)	12,453
65	Apr-12		(1,685)		15	2.01 /0	(1,954)	10,519
99	May-12		(1,750)		13 5	2.01.70	(1,009)	8,850
29	Jun-12		(1,603)		2 =	2.01%	(1,737)	7,113
88	Jul-12		(1,558)		τ, α	2,01%	(1,592)	5,521
69	Aug-12		(1,674)		n c	2.01%	(1,550)	3,972
20	Sep-12		(1,553)) (°	2.01%	(T,009)	2,303
71	Oct-12		(1,752)		n (2.01%	(1,550)	/53
72	Nov-12 old rates	d rates	(773)		9 (9	2.01%	(1,752)	(1,000)
73	JU.	new rates (1)	(360)	8.593	Z €	1.470	(5/2)	(1,//5)
74	Dec-12		(630)		∞	1.47%	8,244	6,469
75	Jan-13		(693)		o 1~	1.47%	(623)	5,847
92	Feb-13		(685)		٠ ٧	1.47%	(080)	5,160
77	Mar-13		(625)		יט נר	1.47%	(283)	4,5/7
78	Apr-13		(265)		ט ער	1.77%	(620)	3,958
79	May-13		(519)		9 4	1.17.70	(1961)	3,397
80	Jun-13		(205)		~ (Y)	1.77%	(515)	7,887
81	Jul-13		(203)		, m	1.17.70	(499)	2,383
85	Aug-13		(527)) ^	1.17 /0	(301)	1,883
83	Sep-13		(523)		J +	1.17.70	(525)	1,35/
84	Oct-13		(627)			1 470/	(275)	929
82	Nov-13 old rates	d rates	(54)		- C	1.47%	(779)	507
98	ne	new rates (1)	(7,346)	97.847	200	1 2007	(54)	155
87	Dec-13		(9.213)		00	1.30%	90,610	90,765
88			(2-1/2)		£.	1.38%	(9,114)	81,650
68								
8 8	History truncated for ease of viewing	or ease of viev	ving					
91								
93	NOIES 1 - Transfer in is from the October balances of NWIGU Deferral account 186278 and Issua Bund Rofermal account account	the October ba	lances of NWIGU Def	erral account 1862	70 and Ice is Euse P	00 + 4 - 1 - 1 - 1 - 1 - 2 - 1	, (
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1)))) , , , , , , , , , , , , , , , ,	בוומן מכככתוור זממל	O din issue laid o/	eferral account 1xh	284	

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.

NW Natural Rates & Regulatory Affairs Oregon 2012-13 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2012

Rates Effective	November 1, 2012
Temps by Rate	Schedule:4th Quarter 2013

ده د د داونخ		186288 INTERVENOR FUNDING -	186288 INTERVENOR FUNDING -	196288 INTERVENOR FUNDING -	186288 INTERVENOR FUNDING -	186288 INTERVENO FUNDING -
Schedule	Block	NWIGU FUND	NWIGU FUND Oct	NWIGU FUND Oct	NWIGU FUND	NWIGU FUN
		In Rates	Volumes	Activity for Mo.	Nov - Old Rates Volumes	Activity for M
<u>IR</u>		N/A	0.0	0.00	0.0	0.0
1C		N/A	0.0	0.00	0.0	0.0
2R		N/A	0.0	0.00	0.0	0.0
3C Firm Sales		N/A	0.0	0.00	0.0	0.0
Intentionally blank						
31 Firm Sales		(0.00002)	431,577.4	(8.63)	348,592.3	(6.9
Intentionally blank						
19		N/A	0.0	0.00	0.0	0.00
27		0.00	27,593.6	0.00	33,452.1	0.00
31C Firm Sales	Block 1	N/A	0.0	0.00	0.0	0.0
the state of the s	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
The state of the s	Block 2	N/A	0.0	0.00	0.0	0.00
31C Interr Sales	Block 1	0.00000	0.0	0.00	0.0	0.00
247.60	Block 2	0.00000	0.0	0.00	0.0	0.00
311 Firm Sales	Block 1	(0.00002)	363,498.8	(7.27)	252,766.2	(5.06
311 Flore Trans	Block 2	(0.00002)	919,582.2	(18.39)	577,259.6	(11.5
31I Firm Trans	Block 1	(0.00002)	16,000.0	(0.32)	2,000.0	(0.04
311 Interr Sales	Block 2	(0.00002)	85,732.0	(1,71)	31,683.0	(0.63
JII BREIT SHES	Block 1	(0.00002)	0.0	0.00	0.0	0.00
32C Firm Sales	Block 2 Block 1	(0.00002)	0.0	0.00	0.0	0.00
JAC LILLI SORES	Block 2	N/A	0.0	0.00	0.0	0.00
	Block 3	N/A N/A	0.0 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
32f Firm Sales	Block 1	(0.00002)	403,666.4	(8.07)	0.0 83,673.6	0.00
	Block 2	(0.00002)	465,634.2	(9.31)	136,669.3	(1.67
	Block 3	(0.00002)	178,480.0	(3.57)	65,798.0	(2.73
	Block 4	(0.00002)	41,961.7	(0.84)	30,863.0	(0.62
	Block 5	(0.00002)	0.0	0.00	0.0	0.02
	Block 6	(0.00002)	0.0	0.00	0.0	0.00
32C Firm Trans	Block 1	(0.00002)	158,181.0	(3.16)	20,000.0	(0.40
	Block 2	(0.00002)	119,805.0	(2.40)	24,483.0	(0.49
	Block 3	(0.00002)	46,173.0	(0.92)	11,794.0	(0.24
	Block 4	(0.00002)	0.0	0.00	0.0	0.00
	Block 5	(0.00002)	0.0	0.00	0.0	0.00
	Block 6	(0.00002)	0.0	0.00	0.0	0.00
321 Firm Trans	Block 1	(0.00002)	762,394.0	(15.25)	86,089.0	(1.72
	Block 2	(0.00002)	1,140,093.0	(22.80)	144,440.0	(2.89)
	Block 3	(0.00002)	725,217.0	(14.50)	120,447.0	(2.41)
	Block 4	(0.00002)	1,263,658.0	(25.27)	307,500.0	(6.15)
	Block 5	(0.00002)	1,421,278.0	(28.43)	427,449.0	(8.55)
	Block 6	(0.00002)	97,630.0	(1.95)	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
221 Yestown Cale	Block 6	N/A	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	(0.00002)	649,802.0	(13.00)	4,340.0	(0.09)
	Block 2	(0.00002)	890,589.0	(17.81)	(13,059.0)	0.26
	Block 3	(0.00002)	489,028.0	(9.78)	(100,000.0)	2.00
	Block 4 Block 5	(0.00002)	1,062,936.0	(21.26)	(600,000.0)	12.00
		(0.00002)	917,987.0	(18.36)	(173,737.0)	3.47
32C Interr Trans	Block 6 Block 1	(0.00002)	173,737.0	(3.47)	0.0	0.00
Sec mon name		(0.00002)	88,337.0	(1.77)	0.0	0.00
	Block 2 Block 3	(0.00002)	162,020.0	(3.24)	0.0	0.00
			122,139.0	(2.44)	0.0	0.00
	Block 4 Block 5	(0.00002)	360,986.0 346.966.0	(7.22)	0.0	0.00
	Block 6	(0.00002)	346,966.0	(6.94)	0.0	0.00
321 Interr Trans	Block 1	(0.00002)	0.0 698,568.0	(13.07)	0.0	0.00
res annul HOND	Block 2	(0.00002)	698,568.0 1,343,189.0	(13.97)	26,102.0	(0.52)
	Block 3	(0.00002)	1,343,189.0	(26.86)	64,221.0	(1.28)
	Block 4	(0.00002)	2,533,889.0	(20.39)	40,000.0	(0.80)
	Block 5	(0.00002)	5,024,868.0	(50.68)	118,876.0	(2.38)
	Block 6	(0.00002)	6,835,613.0	(100.50)	672,153.0	(13.44)
		72/320361	5,555,513.0	(136,71)	0.0	0.00
Intentionally blank						
				0.50		
33		N/A	0.0	0.00	0.0	0.00

TOTAL AMORTIZATION	(627.19)	(54.22)

NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule-4th Quarter 2013

Schedule	Block	186288 INTERVENOR FUNDING - NWIGU FUND	186288 INTERVENOR FUNDING - NWIGU FUND	186288 INTERVENOR FUNDING - NWIGU FUND	186288 INTERVENOR FUNDING - NWIGU FUND	186288 INTERVENOI FUNDING - NWIGU FUNI
			Nov - New	Nov - New	Dec	Dec
		In Rates	Volumes	Activity for Mo.	Volumes	Activity for M
JR JR			0.0	0.00	0,0	0.0
1C	***************************************		0,0	0.00	0.0	0.0
<u> </u>		0.00000	13,167,831.2	0,00	64,210,080.1	0.0
3C Firm Sales		0,00000	4,744,952.1	0.00	25,398,553.4	0.0
Intentionally blank			~	-		
31 Firm Sales		(0.00028)	158,298.0	(44.57)	567,710.1	(159.8
Intentionally blank		******				
27		0.00	31,538.4	0.00	144,001.8	0.0
Intentionally blank			0,0	0.00	0.0	0.0
31C Firm Sales	Block 1	0.00000	798,602.4	0.00	2,055,114.2	0.0
	Block 2	0,00000	808,384.9	0.00	4,244,882.8	0.0
31C Firm Trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.0
	Block 2	0.00000	47,282.0	0.00	93,906.0	0.0
31C Interr Sales	Block 1		0.0	0.00	0.0	0.0
	Block 2		0.0	0.00	0.0	0.0
31I Firm Sales	Block 1	(0.00028)	127,135.9	(35.80)	352,778.2	(99.3
	Block 2	(0.00028)	312,795.5	(88.07)	965,807.1	(271.9
31I Firm Trans	Block 1	(0.00028)	12,000.0	(3.38)	14,000.0	(3.9
	Block 2	(0.00028)	49,392.0			
311 Interr Sales	Block 1	[0.0000]	49,392.0	(13.91)	123,898.0	(34.8
AN HIGH SORES				0.00	0.0	0.0
32C Firm Sales	Block 2 Block 1	0.00000	0.0	0.00	0.0	0.0
JES, Firm Sales		0.00000	916,082.3	0.00	1,831,812.7	0.0
	Block 2	0.00000	471,648.1	0.00	1,147,348.0	0.0
	Block 3	0.00000	74,919.0	0.00	259,711.3	0.0
	Block 4	0.00000	0.0	0.00	60,644.0	0.0
	Block 5	0.00000	0.0	0.00	0.0	0.0
	Block 6	0.00000	0.0	0.00	0.0	0.0
321 Firm Sales	Block 1	(0.00028)	291,702.1	(82.13)	322,796.5	(90.8
	Block 2	(0.00028)	346,610.4	(97.59)	433,275.5	(121.9
	Block 3	(0.00028)	110,966.0	(31.24)	183,042.0	(51.5
	Block 4	(0.00028)	9,330.0	(2.63)	98,180.0	(27.6
	Block 5	(0.00028)	0.0	0.00	0.0	0.0
	Block 6	(0.00028)	0.0	0,00	0.0	0.0
32C Firm Trans	Block 1	(0.00028)	202,445.0	(57.00)	231,467.0	(65.1
	Block 2	(0.00028)	164,054.0	(46.19)	252,467.0	(71.0
	Block 3	(0.00028)	93,436.0	(26.31)	129,285.0	(36.4
	Block 4	(0.00028)	76,440.0	(21.52)	146,532.0	(41.20
	Block 5	(0.00028)	0.0	0.00	0.0	0.00
	Block 6	(0.00028)	0.0	0.00	0.0	0.00
321 Firm Trans	Block 1	(0.00028)	709,328.0	(199.72)	769,694.0	
***************************************	Block 2	(0.00028)	1,054,951.0	(297.04)	1,228,227.0	(216.7) (345.8)
	Block 3	(0.00028)	658,853.0	(185.51)		
	Block 4	(0.00028)			812,841.0	(228.8)
			1,125,432.0	(316.88)	1,618,993.0	(455.8
	Block 5	(0.00028)	1,759,480.0	(495.41)	2,294,334.0	(646.0
***************************************	Block 6	(0.00028)	237,433.0	(66.85)	818,322.0	(230,4)
32C Interr Sales	Block 1	0.00000	451,027.0	0.00	541,256.0	0.00
	Block 2	0.00000	619,886.0	0.00	950,646.0	0.00
	Block 3	0.00000	338,398.0	0.00	571,139.0	0.00
	Block 4	0.00000	540,543.0	0.00	964,986.0	0.00
	Block 5	0.00000	2,065.0	0.00	125,138.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	(0.00028)	574,163.0	(161.66)	625,478.0	(176.11
	Block 2	(0.00028)	738,660.0	(207.98)	825,035.0	(232.30
	Block 3	(0.00028)	390,404.0	(109,92)	494,683.0	(139.28
	Block 4	(0.00028)	790,398.0	(222.55)	1,064,170.0	(299.63
	Block 5	(0.00028)	298,434.0	(84.03)	293,114.0	(82.53
	Block 6	(0.00028)	0.0	0.00	0.0	0.00
32C Interr Trans	Block 1	(0.00028)	79,495.0	(22.38)	79,896.0	(22.50
	Block 2	(0.00028)	149,269.0	(42.03)	165,797.0	(46.68
	Block 3	(0.00028)	101,358.0	(28.54)	110,000.0	(30.97
	Block 4	(0.00028)	367,282.0	(103.41)	420,035.0	(118.27
	Block 5	(0.00028)	448,323.0	(126.23)	646,824.0	(182.12
	Block 6	(0.00028)	0.0	0.00		
321 Interr Trans	Block 1		659,393.0		633.049.0	0.00
SET THEFT HOUS		(0.00028)		(185.66)	633,048.0	(178.24
	Block 2	(0.00028)	1,096,775.0	(308.81)	1,036,939.0	(291.96
	Block 3	(0.00028)	782,583.0	(220.35)	828,561.0	(233.29
	Block 4	(0.00028)	1,948,544.0	(548.64)	2,263,065.0	(637.20
	Block 5	(0.00028)	3,676,314.0	(1,035.12)	4,421,112.0	(1,244.83
	Block 6	(0.00028)	6,487,603.0	(1,826.67)	7,451,075.0	(2,097.95
	***************************************		*			
Intentionally blank						
33		0.00000	0.0	0.00	8,253,409.0	0.00
OTALS			49,130,239.3	(7,345.73)	143,606,968	(9,213.46

(7,345.73) (9,213.46)
(7,345,73)

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:33 PM

Northwest Natural Gas Company Description: Company: State:

Amortization of AMR deferred amounts 186307 Account Number:

Docket UG 256

Debit (Credit)

Amortization of 2012 deferral approved in Order 13-398

TOTAL	(6)		(000 20)	(006/75)	6	64	64	64	64	64	64	64	64	0	0	0	0	0) C	o c	o C) C	0) C) C	o c) C	o c	594 043	487,169
Ativity	(£)		(106 706)	(100/1001)	505,15	0	0	0	0	0	0	0	0	(64)	`O	0	0	0	0	· C	0	0	0	0	C	· C	0	C	594.043	(106,874)
Interest Rate	(e1)		2 24%	201%	2,40,4	7.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.38%	1.38%
TOTAL	(e)		56	63	3 <	o •	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	695	621
Transfers	(p)			37.900										(64)															615,292	
Amortization	(c)		(106,824)	0	C	> C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(21,944)	(107,495)
Note	(q)		old rates	new rates (1)									(7															Nov-13 new rates (3)	
Month/Year	(a)	Beginning Balance	Nov-11 old rates		Dec-11	Jan-12	Jan-12 Coh 12	7ED-12	Mar-12	Api-12	1/1/ay-12	21-Inc	JUI-12	Aug-12	Sep-12	OG-12	NOV-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	OG-13	Nov-13 n	Dec-13

History truncated for ease of viewing

NOTES

- Residual balance is transferred to 186279 Earnings Test Amortization
 Reverse the November interest that should not have been calculated.
 Transfer in is from the October balances of 2012 AMR Deferral account 186308.

TOTAL AMORTIZATION

Schedule	Block	186307 AMR DEFERRAL	186307 AMR DEFERRAL Nov - New	186307 AMR DEFERRAL Nov - New Rates	186307 AMR DEFERRAL Dec	186307 AMR DEFERRAL Dec
1R	***	In Rates	Volumes 0	Activity for Mo.	Volumes	Activity for Mo.
1C	***************************************		0	0.00	0,0	0.00
2R		(0.00125)	13,167,831	(16,459.79)	64,210,080.1	(80,262.60
3C Firm Sales		(0.00088)	4,744,952	(4,175.56)	25,398,553.4	(22,350.73
Intentionally blank						
31 Firm Sales		(0.00075)	158,298	(118.72)	567,710.1	(425.78
Intentionally blank						
27		(0.00)	31,538	(39.74)	144,001,8	(181,44)
Intentionally blank						
31C Firm Sales	Block 1	(0.00062)	798,602.4	(495.13)	2,055,114.2	(1,274.17)
***************************************	Block 2	(0.00057)	808,384.9	(460,78)	4,244,882.8	(2,419.58
31C Firm Trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.00
31C Interr Sales	Block 2	0.00000	47,282.0	0.00	93,906.0	0.00
31C Interr Sales	Block 1		-	0.00	0.0	0.00
311 Firm Sales	Block 2 Block 1	(0.00047)	127.175.0	0.00	0.0	0.00
311 First Sales			127,135.9	(59.75)	352,778.2	(165.81)
31I Firm Trans	Block 2 Block 1	(0.00043)	312,795.5 12,000.0	(134.50)	965,807.1	(415.30)
STI (HIN (IDII)	Block 2	0.00000		0.00	14,000.0	0.00
311 Interr Sales	Block 1	V.00000	49,392.0	0.00	123,898.0	0.00
A. Ser Dance	Block 2		-	0.00	0.0 0.0	0.00 0.00
32C Firm Sales	Block 1	0.00000	916,082.3	0.00	1,831,812.7	0.00
	Block 2	0.00000	471,648.1	0.00	1,147,348.0	0.00
	Block 3	0.00000	74,919.0	0.00	259,711.3	0.00
	Block 4	0.00000	,	0.00	60,644.0	0.00
	Block 5	0.00000		0.00	0.0	0.00
	Block 6	0.00000		0.00	0.0	0.00
321 Firm Sales	Block 1	0.00000	291,702.1	0.00	322,796.5	0.00
	Block 2	0.00000	346,610.4	0.00	433,275.5	0.00
	Block 3	0.00000	110,966.0	0.00	183,042.0	0.00
	Block 4	0.00000	9,330.0	0.00	98,180.0	0.00
	Block 5	0.00000		0.00	0.0	0.00
	Block 6	0.00000	*	0.00	0.0	0.00
32C Firm Trans	Block 1	0.00000	202,445.0	0.00	231,467.0	0.00
	Block 2	0.00000	164,054.0	0.00	252,467.0	0.00
	Block 3	0.00000	93,436.0	0.00	129,285.0	0.00
	Block 4	0.00000	76,440.0	0.00	146,532.0	0.00
	Block 5	0.00000	-	0.00	0.0	0.00
22.01	Block 6	0.00000		0.00	0.0	0.00
321 Firm Trans	Block 1	0.00000	709,328.0	0.00	769,694.0	0.00
	Block 2	0.00000	1,054,951.0	0.00	1,228,227.0	0.00
	Block 3 Block 4	0.00000	658,853.0	0.00	812,841.0	0.00
	Block 5	0.00000	1,125,432.0	0.00	1,618,993.0	0.00
	Block 6	0.00000	1,759,480.0	0.00	2,294,334.0	0.00
32C Interr Sales	Block 1	0.00000	237,433.0	0.00	818,322.0	0.00
SEC INCIT SUES	Block 2	0.00000	451,027.0 619,886.0	0.00	541,256.0	0.00
	Block 3	0.00000	338,398.0	0.00	950,646.0 571,139.0	0.00
	Block 4	0.00000	540,543.0	0.00	964,986.0	0.00
	Block 5	0.00000	2,065.0	0.00	125,138.0	0.00
	Block 6	0.00000	2,003.0	0.00	0.0	0.00
32I Interr Sales	Block 1	0.00000	574,163.0	0.00	625,478.0	0.00
	Block 2	0.00000	738,660.0	0.00	825,035.0	0.00
	Block 3	0.00000	390,404.0	0.00	494,683.0	0.00
	Block 4	0.00000	790,398.0	0.00	1,064,170.0	0.00
	Block 5	0.00000	298,434.0	0.00	293,114.0	0.00
****	Block 6	0.00000		0.00	0.0	0.00
32C Interr Trans	Block 1	0.00000	79,495.0	0.00	79,896.0	0.00
	Block 2	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 3	0.00000	101,358.0	0.00	110,000.0	0.00
	Block 4	0.00000	367,282.0	0.00	420,035.0	0.00
	Block 5	0.00000	448,323.0	0.00	646,824.0	0.00
	Block 6	0.00000		0.00	0.0	0.00
321 Interr Trans	Block 1	0.00000	659,393.0	0.00	633,048.0	0.00
	Block 2	0.00000	1,096,775.0	0.00	1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
·	Block 6	0.00000	6,487,603.0	0.00	7,451,075.0	0.00
Taba alla a 20 de 2						
Intentionally blank 33		0.00000				
		0.00000		0.00	0.0	0,00

04QTR13 OPUC amortization report xlsx

(21,943.97)

(107,495.41)

Oregon Amortization of Industrial DSM Costs 186233 Northwest Natural Gas Company State: Description: Account Number: Company:

Dockets UM 1420 and UG 258 Amortization of 12-13 deferral approved in Order 13-404

~	Debit (Credit)							
1 m 4	Month/Year	Note	Amortization	Transfers	TOTAL	Interest Rate	Activity	TOTAL
χ y	(a)	(q)	(c)	(p)	(e)	(e1)	(J)	(6)
0 ~	Beginning Balance							
21	Nov-11 old rates	d rates	(12,192)		(129)	2.24%	(12,321)	(75,425)
22		new rates (1)	(133,158)	1,798,220	2,901	2.01%	1,667,963	1,592,538
23	Dec-11		(178,389)		2,518	2.01%	(175,871)	1,416,667
24	Jan-12		(180,768)		2,222	2.01%	(178,546)	1,238,121
25	Feb-12		(165,943)		1,935	2.01%	(164,008)	1,074,113
56	Mar-12		(175,480)		1,652	2.01%	(173,828)	900,285
27	Apr-12		(148,098)		1,384	2.01%	(146,714)	753,571
78	May-12		(131,672)		1,152	2.01%	(130,520)	623,051
73	Jun-12		(118,652)		944	2.01%	(117,708)	505,344
8	Jul-12		(111,573)		753	2.01%	(110,820)	394,524
31	Aug-12		(112,849)		266	2.01%	(112,282)	282,242
35	Sep-12		(116,950)		375	2.01%	(116,575)	165,666
R ;	Oct-12		(143,949)		157	2.01%	(143,792)	21,875
34	Nov-12 old rates	rates	(27,881)		13	2.01%	(27,868)	(5,993)
32		new rates (1)	(140,322)	2,005,105	2,370	1.47%	1,867,153	1,861,160
36	Dec-12		(189,618)		2,164	1.47%	(187,454)	1,673,706
37	Jan-13		(222,831)		1,914	1.47%	(220,917)	1,452,789
88	Feb-13		(189,994)		1,663	1.47%	(188,331)	1,264,458
33	Mar-13		(187,886)		1,434	1.47%	(186,452)	1,078,005
\$:	Apr-13		(172,492)		1,215	1.47%	(771,277)	906,729
41	May-13		(146,798)		1,021	1.47%	(145,777)	760,951
42	Jun-13		(135,554)		849	1.47%	(134,705)	626,246
43	Jul-13		(132,834)		989	1.47%	(132,148)	494,098
‡ ;	Aug-13		(131,546)		525	1.47%	(131,021)	363,077
45	Sep-13		(146,164)		355	1.47%	(145,808)	217,269
94	OG-13		(210,476)		137	1.47%	(210,339)	6,930
47	Nov-13 old rates	rates	(42,237)		(17)	1.47%	(42,254)	(35,324)
48		new rates (1)	(118,964)	1,667,463	1,849	1.38%	1,550,349	1,515,025
46	Dec-13		(199,421)		1,628	1.38%	(197,793)	1,317,231
20								
51	History truncated for ease of viewing	or ease of vie	wing					
75								
Z 2	NOIES	44 - O - 44	7 CCC 000 000 000 000 000 000 000 000 00					
7	L - I ransier in is from the October i	The October up	balance of 186232 Deferral of Industrial DSM	ferral of Industrial	DSM			

History truncated for ease of viewing

NW Natural Rates & Regulatory Affairs Oregon 2012-13 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2012 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM
			Oct	Oct	Nov - Old Rates	Nov - Old Rates
IR		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Mo
1C		0.00000	21.0	0,00	24.1	0.00
2R	***************************************	0.00000	0.0	0,00	0.0	0.00
3C Firm Sales		0.00000	17,580,062.5 7,795,563.0	0.00	16,320,175.5	0.00
intentionally blank		0.00000	7,793,303.0	0.00	7,111,261.5	0.00
31 Firm Sales	***************************************	(0.02004)	431,577.4	(8,648.27)	248 503 3	// cor ar
ntentionally blank		10.02.0017	433,377.4	(0,040.27)	348,592.3	(6,985.35
19		0.00000	0.0	0.00	0.0	
27	-	0.00	27,593.6	0.00	0.0	0.00
31C Firm Sales	Block 1	0.00000	1,832,005.7	0.00	33,452.1 1,254,378.7	0.00
	Block 2	0.00000	946,990.0	0.00	1,045,535.9	0.00
31C Firm Trans	Block 1	0.00000	26,496.0	0.00	6,990.0	0.00
***************************************	Block 2	0.00000	34,300.0	0.00	7,854.0	0.00
31C Interr Sales	Block 1	0.00000	0.0	0.00	0.0	0.00
	Block 2	0.00000	0.0	0.00	0.0	0.00
311 Firm Sales	Block 1	(0.02004)	363,498.8	(7,284.06)	252,766.2	(5,065.12
	Block 2	(0.02004)	919,582.2	(18,427.27)	577,259.6	(11,567.56
31I Firm Trans	Block 1	0.00000	16,000.0	0.00	2,000.0	0.00
	Block 2	0.00000	85,732.0	0.00	31,683.0	0.00
311 Interr Sales	Block 1	(0.02004)	0.0	0.00	0.0	0.00
	Block 2	(0.02004)	0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	(0.02004)	1,136,580.9	(22,775.65)	577,379.9	(11,569.97)
	Block 2	(0.02004)	443,780.6	(8,892.81)	105,614.4	(2,116.38)
	Block 3	(0.02004)	69,591.0	(1,394.52)	0.0	0.00
	Block 4	(0.02004)	26,836.0	(537.76)	0.0	0.00
	Block 5	(0.02004)	0.0	0.00	0.0	0.00
	Block 6	(0.02004)	0.0	0.00	0.0	0.00
321 Firm Sales	Block 1	(0.02004)	403,666.4	(8,088.97)	83,673.6	(1,676.71)
	Block 2	(0.02004)	465,634.2	(9,330.72)	136,669.3	(2,738.68)
	Block 3	(0.02004)	178,480.0	(3,576.52)	65,798.0	(1,318.51)
	Block 4	(0.02004)	41,961.7	(840.86)	30,863.0	(618.46)
	Block 5	(0.02004)	0.0	0.00	0.0	0.00
And ev.	Block 6	(0.02004)	0.0	0.00	0.0	0.00
32C Firm Trans	Block 1	0.00000	158,181.0	0.00	20,000.0	0.00
	Block 2	0.00000	119,805.0	0.00	24,483.0	0.00
	Block 3	0.00000	46,173.0	0.00	11,794.0	0.00
	Block 4	0.00000	0.0	0.00	0.0	0.00
	Block 5	0.00000	0.0	0.00	0.0	0.00
32I Firm Trans	Block 6 Block 1	0.00000	0.0	0.00	0.0	0.00
321 Firm 11mm	Block 2	0.00000	762,394.0	0.00	86,089.0	0.00
	Block 3	0.00000	1,140,093.0	0.00	144,440.0	0.00
	Block 4	0.00000	725,217.0 1,263,658.0	0.00	120,447.0	0.00
	Block 5	0.00000		0.00	307,500.0	0.00
	Block 6	0.00000	1,421,278.0 97,630.0	0.00	427,449.0	0.00
32C Interr Sales	Block 1	(0.02004)		(0.00	0.0	0.00
	Block 2	(0.02004)	462,788.0 622,119.0	(9,273.69)	174,075.0	(3,488.24)
	Block 3	(0.02004)	337,064.0	(12,466.48)	247,613.0	(4,961.85)
	Block 4	(0.02004)	416,204.0	(6,754.34)	163,698.0	(3,280.30)
	Block 5	(0.02004)	0.0	(8,340.21) 0.00	221,097.0	(4,430.51)
	Block 6	(0.02004)	0.0	0.00	5,114.0	(102.48)
321 Interr Sales	Block 1	(0.02004)	649,802.0	(13,021.22)	0.0 4,340.0	0.00
	Block 2	(0.02004)	890,589.0	(17,846.29)		(86.97)
	Block 3	(0.02004)	489,028.0	(9,799.51)	(13,059.0) (100,000.0)	261.69 2,003.87
	Block 4	(0.02004)	1,062,936.0	(21,299.90)	(600,000.0)	12,023.25
	Block 5	(0.02004)	917,987.0	(18,395.31)	(173,737.0)	
	Block 6	(0.02004)	173,737.0	(3,481.47)	(173,737.0)	3,481.47
32C Interr Trans	Block 1	0.00000	88,337.0	0.00	0.0	0.00
	Block 2	0.00000	162,020.0	0.00	0.0	0.00
	Block 3	0.00000	122,139.0	0.00	0.0	0.00
	Block 4	0.00000	360,986.0	0.00	0.0	0.00
	Block 5	0.00000	346,966.0	0.00	0.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
321 Interr Trans	Block 1	0.00000	698,568.0	0.00	26,102.0	0.00
	Block 2	0.00000	1,343,189.0	0.00	64,221.0	0.00
	Block 3	0.00000	1,019,318.0	0.00	40,000.0	0.00
	Block 4	0.00000	2,533,889.0	0.00	118,876.0	0.00
	Block 5	0.00000	5,024,868.0	0.00	672,153.0	0.00
	Block 6	0.00000	6,835,613.0	0.00	0.0	0.00
				7/.77	<u></u>	V. VV
Intentionally blank						
Intentionally blank 33		0,00000	6,453,091.0	0.00	7,025,125.0	0.00

TOTAL AMORTIZATION (210,475.83) (42,236.81)

NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block_	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM	186233 INDUSTRIAL DSM
		In Rates	Nov - New Rates Volumes	Nov - New Rates Activity for Mo.	Dec Volumes	Dec Activity for Me
1R			0.0	0.00	0.0	0.0
ıc			0.0	0.00	0.0	0.0
2R		0.00000	13,167,831.2	0.00	64,210,080.1	0.0
3C Firm Sales		0.00000	4,744,952.1	0.00	25,398,553.4	0.0
ntentionally blank						
31 Firm Sales		(0.01573)	158,298.0	(2,489.83)	567,710.1	(8,929.3
ntentionally blank		e Political de la la Camada de managas, ao ao ao ao ao				
27		0.00000	31,538.4	0.00	144,001.8	0.0
ntentionally blank			0.0	0.00	0,0	0.0
31C Firm Sales	Block 1	0.00000	798,602.4	0.00	2,055,114.2	0.0
w. d. de	Block 2	0.00000	808,384.9	0.00	4,244,882.8	0.0
31C Firm Trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.0
ACC Value Cale	Block 2	0.00000	47,282.0	0.00	93,906.0	0,0
31C Interr Sales	Block 1		0.0	0.00	0.0	0.0
311 Firm Sales	Block 2	(0.01533)	0.0	0.00	0.0	0.0
311 riffit Sales	Block 1	(0.01573)	127,135.9	(1,999.69)	352,778.2	(5,548.7
311 Firm Trans	Block 2 Block 1	(0.01573)	312,795.5 12,000.0	(4,919.88)	965,807.1	(15,190.9
ort tam itams	Block 2	0.00000		0.00	14,000.0	0.0
311 Interr Sales	Block 1	0.00000	49,392.0	0.00	123,898.0 0.0	0.0
Januari Janes	Block 2		0.0	0.00		0.0
32C Firm Sales	Block 1	(0.01573)	916,082.3	(14,408.82)	0.0 1,831,812.7	(30.013.1
SECTION SAICS	Block Z	(0.01573)	471,648.1	(7,418.43)	1,147,348.0	(28,812.1 (18,046.3
	Block 3	(0.01573)	74,919.0	(1,178.38)	259,711.3	(4,084.9
	Block 4	(0.01573)	0.0	0.00	60,644.0	(953.8
	Block 5	(0.01573)	0.0	0.00	0.0	0.0
	Block 6	(0.01573)	0.0	0.00	0.0	0.0
321 Firm Sales	Block 1	(0.01573)	291,702.1	(4,588.11)	322,796.5	(5,077.1
	Block 2	(0.01573)	346,610.4	(5,451.75)	433,275.5	(6,814.8
	Block 3	(0.01573)	110,966.0	(1,745.36)	183,042.0	(2,879.0
	Block 4	(0.01573)	9,330.0	(146.75)	98,180.0	(1,544.2
	Block 5	(0.01573)	0.0	0.00	0.0	0.0
	Block 6	(0.01573)	0.0	0.00	0.0	0.0
32C Firm Trans	Block 1	0.00000	202,445.0	0.00	231,467.0	0.0
	Block 2	0.00000	164,054.0	0.00	252,467.0	9.0
	Block 3	0.00000	93,436.0	0.00	129,285.0	0.0
	Block 4	0.00000	76,440.0	0.00	146,532.0	0.0
	Block 5	0.00000	0.0	0.00	0.0	0.0
	Block 6	0.00000	0.0	0.00	0.0	0.0
321 Firm Trans	Block 1	0.00000	709,328.0	0.00	769,694.0	0.0
	Block 2	0.00000	1,054,951.0	0.00	1,228,227.0	0.0
	Block 3	0.00000	658,853.0	0.00	812,841.0	0.00
	Block 4	0.00000	1,125,432.0	0.00	1,618,993.0	0.0
	Block 5	0.00000	1,759,480,0	0.00	2,294,334.0	0.0
	Block 6	0.00000	237,433.0	0.00	818,322.0	0.0
32C Interr Sales	Block 1	(0.01573)	451,027.0	(7,094.09)	541,256.0	(8,513.2)
	Block 2	(0.01573)	619,886.0	(9,750.03)	950,646.0	(14,952.4)
	Block 3	(0.01573)	338,398.0	(5,322.57)	571,139.0	(8,983.3
	Block 4	(0.01573)	540,543.0	(8,502.06)	964,986.0	(15,178.0)
	Block 5	(0.01573)	2,065.0	(32.48)	125,138.0	(1,968.26
~~~	Block 6	(0.01573)	0.0	0.00	0.0	0.00
321 Interr Sales	Block 1	(0.01573)	574,163.0	(9,030.86)	625,478.0	(9,837.98
	Block 2	(0.01573)	738,660.0	(11,618.19)	825,035.0	(12,976.76
	Block 3	(0.01573)	390,404.0	(6,140.56)	494,683.0	(7,780.74
	Block 4	(0.01573)	790,398.0	(12,431.97)	1,064,170.0	(16,738.06
	Block 5	(0.01573)	298,434.0	(4,693.99)	293,114.0	(4,610.31
32C Interr Trans	Block 6 Block 1	(0.01573)	0.0 79,495.0	0.00	0.0	0.00
JAC MINET HERB	Block 2	0.00000		0.00	79,896.0	0.00
	Block 3	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 4	0.00000	101,358.0 367,282.0	0.00	110,000.0	0.00
	Block 5		367,282.0 448,323.0		420,035.0	
	Block 5 Block 6	0.00000		0.00	646,824.0	0.00
321 Interr Trans	Block 1	0.00000	0.0 659,393.0	0.00	0.0 633,048.0	0.00
on most right	Block 2	0.00000	1,096,775.0	0.00	1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	1,036,939.0 828,561.0	
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
	Block 6	0.00000	6,487,603.0	0.00		
	DIOCE V		9, 191, 1993.9	0.00	7,451,075.0	0.00
Intentionally blank				***************************************		
33		0.00000	0.0	0.00	8,253,409.0	0.00

TOTAL AMORTIZATION (118,963.80) (199,420.80)

Northwest Natural Gas Company	Oregon	AMORT Earnings Test Adjustment	186279	Dockets UM 903 and UG 237	Amortization of 2011 deferral balance approved in Order 12-411
Company:	State:	Description:	Account Number:		

11	Debit (Credit)							
7 K	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	a contra
4 rv	(a)	(q)	(c)	(p)	(e)	(J)	(6)	(±)
9	Beginning Balance							(213,000)
7		new rates (1)	8,179	965'6	2.01%	(334)	17 442	(413,000)
∞ ·	Dec-11		27,947		2.01%	(304)	27,112	(150,039)
6	Jan-12		30,865		2.01%	(251)	30,73	(107,915)
10	Feb-12		25,404		2 01%	(202)	20,010	(137,305)
11	Mar-12		24,597		2.01%	(203)	25,135	(112,110)
12	Apr-12		19,372		2.01%	(107)	24,430	(87,681)
13	May-12		11.986		2.01%	(131)	19,241	(68,439)
14	Jun-12		8.657		2.0170	(COL)	11,881	(56,558)
15	Jul-12		6 301		2.01%	(8/)	8,570	(47,988)
16	Aug-12		5 203		2.01%	(75)	6,225	(41,763)
17	Sep-12		7,533		2.01%	(99)	5,137	(36,626)
18	0d-12		7 250		2.01%	(57)	5,474	(31,152)
19	Nov-12 old rates	ld rates	500 7		2.01%	(46)	7,213	(23,939)
70	Nov-12 new	ew rates (2)	35,487	(165 231)	2.01%	(34)	7,029	(16,910)
21	Dec-12		127,774	(176,105)	1.4/%	(1,163)	(932,996)	(949,906)
22	Jan-13		188 215		1.4/%	(1,085)	126,689	(823,218)
23	Feb-13		152,567		1.47%	(893)	187,322	(932,896)
24	Mar-13		119.108		1.7/70	(980)	151,882	(484,014)
25	Apr-13		86 518		0//4.1	(075)	118,588	(365,427)
56	May-13		57.104		1.47%	(395)	86,123	(279,303)
27	Jun-13		45,820		1.47%	(307)	56,797	(222,507)
28	Jul-13		31,828		1.17.70	(242)	45,576	(1/6,931)
53	Aug-13		28,440		1.47%	(197)	31,631	(145,300)
30	Sep-13		29,332		1.17.70	(101)	76,287	(117,021)
31	Oct-13		54,475		1.47.70	(271)	707'67	(87,814)
32	Nov-13 old rates	d rates	44 722		1.47%	(44)	54,351	(33,463)
33	34	new rates (3)	77/1	(11 346)	1.4/%	(14)	44,709	11,246
34	Dec-13			(047/11)	0.00%	0	(11,246)	0
35			0		0.00%	0	0	0
36								
37	NOTES							
38	1 - Transfer in from 1	186011 Earnings	Sharing and residu	al balances from 1	- Transfer in from 186011 Earnings Sharing and residual balances from 186307 (AMR Amort) and 186327 (pt IC Eas Amort)	nd 186237 (DIIC Ea	(towy o	
99	2 - Transfer from 254	1303 Earnings S	haring and residual	balances in from 1	- Transfer from 254303 Earnings Sharing and residual balances in from 186401 (SB408) and 184301 (McBIT)	34301 (McBIT)	ל אווסור)	
<del>\$</del>	3 - I ransfer out residual	ual balance to a	balance to account 254315 for amortization	amortization	,	f /		

NOTES

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

2 - Transfer from 254303 Earnings Sharing and residual balances in from 186401 (SB408) and 184301 (McBIT)

3 - Transfer out residual balance to account 254315 for amortization

### NW Natural Rates & Regulatory Affairs Oregon 2012-13 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2012 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	186279 EARNINGS SHARING	186279 EARNINGS SHARING Oct	186279 EARNINGS SHARING Oct	186279 EARNINGS SHARING Nov - Old Rates	186279 EARNINGS SHARING
		In Rates	Volumes	Activity for Mo.	Volumes	Nov - Old Activity for Mo
1R		0.00281	21.0	0.06	24.1	0.07
1C		0.00191	0.0	0.00	0.0	0.00
<u>2R</u>		0,00190	17,580,062.5	33,402.12	16,320,175.5	31,008.33
3C Firm Sales		0.00134	7,795,563.0	10,446.05	7,111,261.5	9,529.09
itentionally blank		-				
31 Firm Sales	***************************************	0.00114	431,577.4	492.00	348,592.3	397,40
ntentionally blank				-		
27		0.00	0,0	0.00	0,0	0.00
31C Firm Sales	Block 1	0.00	27,593.6 1,832,005.7	0.00	33,452.1	0.00
54C Filli Sales	Block 2	0.00096	946,990.0	1,758.73	1,254,378.7	1,204.20
31C Firm Trans	Block 1	0.00082	26,496.0	823.88 21.73	1,045,535.9	909.62
770 1011 11413	Block 2	0.00075	34,300.0		6,990.0	5.73
31C Interr Sales	Block 1	(0.00078)	0.0	25.73 0.00	7,854.0 0.0	5,89
	Block 2	(0.00071)	0.0	0.00	0.0	0.00
31f Firm Sales	Block 1	0.00077	363,498.8	279.89	252,766.2	0.00 194.63
	Block 2	0.00069	919,582.2	634.51	577,259.6	398.31
311 Firm Trans	Block 1	0.00070	16,000.0	11.20	2,000.0	1.40
	Block 2	0.00063	85,732.0	54.01	31,683.0	19.96
31I Interr Sales	Block 1	(0.00090)	0.0	0.00	0.0	0.00
	Block 2	(0.00081)	0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	0.00052	1,136,580.9	591.02	577,379.9	300.24
	Block 2	0.00044	443,780.6	195.26	105,614.4	46.47
	Block 3	0.00031	69,591.0	21.57	0.0	0.00
	Block 4	0.00018	26,836.0	4.83	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
321 Firm Sales	Block 1	0.00046	403,666.4	185.69	83,673.6	38.49
	Block 2	0.00040	465,634.2	186.25	136,669.3	54.67
	Block 3	0.00028	178,480.0	49.97	65,798.0	18.42
	Block 4	0.00016	41,961.7	6.71	30,863.0	4.94
	Block 5	0.00009	0.0	0.00	0.0	0.00
	Block 6	0.00005	0.0	0.00	0.0	0.00
32C Firm Trans	Block 1	0.00042	158,181.0	66.44	20,000.0	8.40
	Block 2	0.00036	119,805.0	43.13	24,483.0	8.81
	Block 3	0.00025	46,173.0	11,54	11,794.0	2.95
	Block 4	0.00015	0.0	0.00	0.0	0.00
	Block 5	0.00008	0.0	0.00	0.0	0.00
32I Firm Trans	Block 6	0.00004	0.0	0.00	0.0	0.00
321 Citil Frans	Block 1	0.00042	762,394.0	320.21	86,089.0	36.16
	Block 2 Block 3	0.00036 0.00025	1,140,093.0	410.43	144,440.0	52.00
	Block 4	0.00025	725,217.0	181.30	120,447.0	30.11
	Block 5	0.00015	1,263,658.0	189.55	307,500.0	46.13
	Block 6	0.00004	1,421,278.0	113.70	427,449.0	34.20
32C Interr Sales	Block 1	0.00044	97,630.0 462,788.0	3.91	0.0	0.00
	Block 2	0.00038	622,119.0	203.63 236.41	174,075.0	76.59
	Block 3	0.00038	337,064.0		247,613.0	94.09
	Block 4	0.00027	416,204.0	91.01 62.43	163,698.0 221,097.0	44.20
	Block 5	0.00019	0.0	0.00	5,114.0	33.16 0.46
	Block 6	0.00004	0.0	0.00	0.0	0.46
321 Interr Sales	Block 1	0.00043	649,802.0	279.41	4,340.0	1.87
	Block 2	0.00037	890,589.0	329.52	(13,059.0)	(4.83)
	Block 3	0.00026	489,028.0	127.15	(100,000.0)	(26.00)
	Block 4	0.00015	1,062,936.0	159.44	(600,000.0)	(90.00)
	Block 5	0.00009	917,987.0	82.62	(173,737.0)	(15.64)
	Block 6	0.00004	173,737.0	6.95	0.0	0.00
32C Interr Trans	Block 1	0.00039	88,337.0	34.45	0.0	0.00
	Block 2	0.00033	162,020.0	53.47	0.0	0.00
	Block 3	0.00024	122,139.0	29.31	0.0	0.00
	Block 4	0.00014	360,986.0	50.54	0.0	0.00
	Block 5	0.00008	346,966.0	27.76	0.0	0.00
	Block 6	0.00004	0.0	0.00	0.0	0.00
32I Interr Trans	Block 1	0.00039	698,568.0	272.44	26,102.0	10.18
	Block 2	0.00033	1,343,189.0	443.25	64,221.0	21.19
	Block 3	0.00024	1,019,318.0	244.64	40,000.0	9.60
	Block 4	0.00014	2,533,889.0	354.74	118,876.0	16.64
	Block 5	0.00008	5,024,868.0	401.99	672,153.0	53.77
	Block 6	0.00004	6,835,613.0	273.42	0.0	0.00
Tetrostico allo bio al						
Intentionally blank		0.00002	£ 453.50 · ·			
3.3			6,453,091.0	129.06	7,025,125.0	140.50
33		0.00002	9/199/99410			140.50

TOTAL AMORTIZATION	54,425.06	44,722.40

Company:
State:
Oregon
Description:
Amortization Gas Reserves Credit
Account Number:
191442
Info:
Docket UG 204

Docket UG 204 Authorization to amortize in Order 13-391

Debit (Credit)

Σ	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Total
	(a)	(q)	(c)	(p)	(e)	(J)	(g)	(h)
Be.	Seginning Balance Nov-13 Dec-13	<b>∺</b>	46,860 187,912	(1,159,882)	1.38%	(1,307) (1,173)	(1,114,329) 186,738	(1,114,329)
N -1	MOTES: - Transfer in is	from the (	<b>NOTES</b> L - Transfer in is from the October balance of 191 ⁴	191440 Gas Reserves Credit	Credit			

# NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Scheduler4th Quarter 2013

		191442	191442	191442	191442	191442
		GAS RESERVES	GAS RESERVES	GAS RESERVES	GAS RESERVES	GAS RESERVES
Schedule	Block	CREDIT	CREDIT Nov - New	CREDIT Nov - New	CREDIT Dec	CREDIT
eli il dell'i i se del cine el la cine i menera i anna cancera anna can prop panne proceso, compreparati La construcción de la comprenent, entre proposation de la cine propertie proceso de la cine proceso de la cons		In Rates	Volumes	Activity for Mo.	Volumes	Dec Activity for Mo
IR			0.0	0.00	0.0	0.00
1C		0.50.75	0.0	0.00	0.0	0.00
2R 3C Firm Sales		0.00173 0.00173	13,167,831.2 4,744,952.1	22,756.91 8,200.32	64,210,080.1 25,398,553.4	110,969.13
ntentionally blank		0.00173	3,733,332.1	6,200,32	23,396,333.4	43,894.28
31 Firm Sales		0.00173	158,298.0	273.57	567,710.1	981.13
ntentionally blank						
27		0.00	31,538.4	2.85	144,001.8	248.87
ntentionally blank		***************************************	0.0	0.00	6,0	0.00
31C Firm Sales	Block 1	0.00173	798,602.4	1,380.16	2,055,114.2	3,551.69
31C Firm Trans	Block 2 Block 1	0.00173	808,384.9 28,000.0	1,397.07	4,244,882.8 31,858.0	7,336.09
oro (min rimo	Block 2	0.00000	47,282.0	0,00	93,906.0	0.00
31C Interr Sales	Block 1		0.0	0.00	0.0	0.00
	Block 2		0.0	0.00	0.0	0.00
31I Firm Sales	Block i	0.00173	127,135.9	219.72	352,778.2	609.68
245.00	Block 2	0.00173	312,795.5	540.58	965,807.1	1,669.13
311 Firm Trans	Block 1	0.00000	12,000.0	0.00	14,000.0	0.00
31I Interr Sales	Block 2 Block 1	0.00000	49,392.0 0.0	0.00	123,898.0	0.00
JII IIIICH JORGS	Block 2		0.0	0.00	0.0	0.00 0.00
32C Firm Sales	Block 1	0.00173	916,082.3	1,583.19	1,831,812.7	3,165,77
	Block 2	0.00173	471,648.1	815,11	1,147,348.0	1,982.87
	Block 3	0.00173	74,919.0	129.48	259,711.3	448.84
	Block 4	0.00173	0.0	0.00	60,644.0	104.81
	Block 5	0.00173	0.0	0.00	0.0	0.00
32I Firm Sales	Block 6	0.00173	0.0	0.00	0.0	0.00
321 Firm Sales	Block 1 Block 2	0.00173	291,702.1 346,610.4	504.13 599.02	322,796.5	557.86
	Block 3	0.00173	110,966.0	191.77	433,275.5 183,042.0	748.80 316.34
	Block 4	0.00173	9,330.0	16.12	98,180.0	169.68
	Block 5	0.00173	0.0	0.00	0.0	0.00
	Block 6	0.00173	0.0	0,00	0.0	0.00
32C Firm Trans	Block 1	0.00000	202,445.0	0.00	231,467.0	0.00
	Block 2	0.00000	164,054.0	0.00	252,467.0	0.00
	Block 3 Block 4	0.00000	93,436.0	0.00	129,285.0	0.00
	Block 5	0.00000	76,440.0 0.0	0.00	146,532.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00 0.00
32I Firm Trans	Block 1	0.00000	709,328.0	0.00	769,694.0	0.00
	Block 2	0.00000	1,054,951.0	0.00	1,228,227.0	0.00
	Block 3	0.00000	658,853.0	0.00	812,841.0	0.00
	Block 4	0.00000	1,125,432.0	0.00	1,618,993.0	0.00
	Block 5	0.00000	1,759,480.0	0.00	2,294,334.0	0.00
32C Interr Sales	Block 6 Block 1	0.00000	237,433.0	0.00	818,322.0	0.00
JZC INCH Jaies	Block 2	0.00173	451,027.0 619,886.0	779.47 1,071.30	541,256.0 950,646.0	935.41 1,642.93
	Block 3	0.00173	338,398.0	584.83	571,139.0	987.05
	Block 4	0.00173	540,543.0	934.18	964,986.0	1,667.71
	Block 5	0.00173	2,065.0	3.57	125,138.0	216.27
	Block 6	0.00173	0.0	0.00	0.0	0.00
32I Interr Sales	Block 1	0.00173	574,163.0	992.28	625,478.0	1,080.96
	Block 2	0.00173	738,660.0	1,276.57	825,035.0	1,425.84
	Block 3 Block 4	0.00173 0.00173	390,404.0 790.398.0	674.70	494,683.0	854.92
	Block 5	0.00173	790,398.0 298,434.0	1,365.98 515.76	1,064,170.0 293,114.0	1,839.12 506.57
	Block 6	0.00173	0.0	0.00	0.0	0.00
32C Interr Trans	Block 1	0.00000	79,495.0	0.00	79,896.0	0.00
	Block 2	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 3	0.00000	101,358.0	0.00	110,000.0	0.00
	Block 4	0.00000	367,282.0	0.00	420,035.0	0.00
	Block 5	0.00000	448,323.0	0.00	646,824.0	0.00
32I Interr Trans	Block 6 Block 1	0.00000	0.0 650 303 0	0.00	0.0	0.00
JET BOOM HOUSE	Block 2	0.00000	659,393.0 1,096,775.0	0.00	633,048.0 1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
	Block 6	0.00000	6,487,603.0	0.00	7,451,075.0	0.00

33 0.00000 0.0 0.00 8,253,409.0 0.00 TOTALS 49,130,239.3 46,808.64 143,606,967.7 187,911,75

Intentionally blank

TOTAL AMORTIZATION 46,808.64 187,911.75

Northwest Natural Gas Company Company: State:

Description: Account Number: Info:

Oregon Property Sales Amort. - OR 254315 Docket UG 259 Authorization to amortize in Order 13-403

Debit (Credit)

) 4	Month/Year Note	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Total
2	(a)	(q)	(c)	(p)	(e)	(f)	(6)	(h)
~ 8	Beginning Balance	υ						
9 10 11	Nov-13 Dec-13		141,982 624,720	(3,634,353)	1.38% 1.38%	(4,098) (3,662)	(3,496,469) 621,058	(3,496,469) (2,875,411)
12 13	NOTES 1 - Transfer in is t	from the O	<b>40TES</b> : - Transfer in is from the October balance of 254;	305 Property Sales	254305 Property Sales Oregon and residual balance from 186279 Earnings Test Amortization.	balance from 18627	9 Earnings Test Am	ortization.

NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate St Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Shedde	Block	254315 GAINS ON PROPERTY SALES	254315 GAINS ON PROPERTY SALES	254315 GAINS ON PROPERTY SALES	254315 GAINS ON PROPERTY SALES	Z54315 GAINS C PROPERT SALES
	***************************************	In Rates	Nov - New Volumes	Nov - New Activity for Mo	Dec Volumes	Dec Activity for
JR .				0.00	-	0
<u> </u>				0.00		0
<u>2R</u>	-	0.00694	13,167,831	91,411.17	64,210,080	445,746
3C Firm Sales	laharas and a same and	0.00487	4,744,952	23,126.75	25,398,553	123,791
ntentionally blank	***************************************		and the latest description of the second			Announce and a second
31 Firm Sales		0.00417	158,298	659.34	567,710	2,364
ntentionally blank 27	***************************************	0.01	34 230	***		
ntentionally blank	-	0.01	31,538	220,78	144,002	1,008
31C Firm Sales	Block 1	0.00345	798,602	2,752.6	2,055,114	7.000
Sec (Will Suite)	Block 2	0.00314	808,385	2,535.1	4,244,883	7,083 13,312
31C Firm Trans	Block 1	0.00374	28,000	104.7	31,858	119
	Block 2	0.00342	47,282	161,6	93,906	320
31C Interr Sales	Block 1			0.0	0	0.
	Block 2			0.0	. 0	0.
311 Firm Sales	Block 1	0.00263	127,136	334.5	352,778	928.
	Block 2	0.00238	312,796	744.1	965,807	2,297.
311 Firm Trans	Block 1	0.00272	12,000	32,6	14,000	38.
	Block 2	0.00246	49,392	121.3	123,898	304.
311 Interr Sales	Block 1		-	0.0	0	0.
	Block 2			0.0	0	0.
32C Firm Sales	Block 1	0.00213	916,082	1,947.9	1,831,813	3,894.
	Block 2	0.00181	471,648	851.8	1,147,348	2,071.
	Block 3	0.00127	74,919	95.3	259,711	330.
	Block 4	0.00075	-	0.0	60,644	45.
	Block 5	0.00043	*	0.0	G	0.
	Block 6	0.00021		0.0	0	0.
321 Firm Sales	Block 1	0.00162	291,702	473.0	322,797	523.
	Block 2	0.00138	346,610	477.9	433,276	597.
	Block 3	0.00097	110,966	107.7	183,042	177.
	Block 4	0.00056	9,330	5.3	98,180	55.
	Block 5	0.00032	-	0.0	0	0.
730 Bur W	Block 6	0.00017		0.0	0	0.
32C Firm Trans	Block 1	0.00154	202,445	312.5	231,467	357.
	Block 2	0.00131	164,054	215.0	252,467	330.
	Block 3	0.00092	93,436	86.2	129,285	119.
	Block 4 Block 5	0.00054	76,440	41.6	146,532	79.
	Block 6	0.00031		0.0	0	0.
321 Firm Trans	Block 1	0.00154	709,328	1,095.0	769,694	0.0
SELL COLOR	Block 2	0.00131	1,054,951	1,382.8	1,228,227	1,188.
	Block 3	0.00092	658,853	607.7	812,841	1,609. 749.
	Block 4	0.00054	1,125,432	611,9	1,618,993	880.
	Block 5	0.00031	1,759,480	546,7	2,294,334	712.
	Block 6	0.00016	237,433	36.9	818,322	127.
32C Interr Sales	Block 1	0.00149	451,027	670.0	541,256	804.0
	Block 2	0.00126	619,886	782.4	950,646	1,199.
	Block 3	0.00089	338,398	302.3	571,139	510.:
	Block 4	0.00052	540,543	283.4	964,986	505.9
	Block 5	0.00030	2,065	0.6	125,138	37.6
	Block 6	0.00015		0.0	0	0.0
321 Interr Sales	Block 1	0.00146	574,163	836.2	625,478	910.9
	Block 2	0.00123	738,660	910.8	825,035	1,017.3
	Block 3	0.00087	390,404	341.1	494,683	432.2
	Block 4	0.00050	790,398	399.1	1,064,170	537.2
	Block 5	0.00029	298,434	86.9	293,114	85.3
220	Block 6	0.00015		0.0	0	0.0
32C Interr Trans	Block 1 Block 2	0.00136	79,495	108.1	79,896	108.6
	Block 2 Block 3	0.00116	149,269	172.5	165,797	191.5
	Block 4	0.00082	101,358	82.7 174.7	110,000	89.7
	Block 5	0.00048	367,282		420,035	199.8
			448,323	121.9	646,824	175.8
32I Interr Trans	Block 6 Block 1	0.00014	659,393	996.3	633.049	960.4
-22 211001 110113	Block 2	0.00136	1,096,775	896.3	633,048	860.4
	Block 3	0.00110	782,583	1,267.2 638.3	1,036,939	1,198.0
	Block 4	0.00048	1,948,544	927.0	828,561 2,263,065	675.7
	Block 5	0.00048	3,676,314	927.0	4,421,112	1,076.6
	Block 6	0.00027	6,487,603	999.4 881.8	7,451,075	1,201.9
		-19994.1	5,107,003	001.0	7,731,073	1,012.8
Intentionally blank						
33		0.00009		0.0	8,253,409	721.2
			***************************************			
TALS			49,130,239.3	141,982.08	143,606,968	624,719

141,982.08 TOTAL AMORTIZATION 624,719.54

04QTR13 OPUC amortization report.xlsx

Northwest Natural Gas Company Oregon Working Gas Amortization 191031 Docket UG 265 Authorization to amortize in Order 13-401

Company:
State:
Description:
Account Number:
Info:

Debit (Credit)

		18 45
Total	(E)	4,527,918 3,724,845
Activity	(6)	4,527,918 (803,073)
Interest	( <del>L</del> )	5,300
Interest Rate	(e)	1.38%
Transfers	(p)	4,695,154
Deferral	(c)	(172,536) (807,816)
- 1	(q)	ance 1
Month/Year Note	(a)	Beginning Balance Nov-13 <b>1</b> Dec-13
0 4	9	V 8 6

# NOTES

1 - Transfer in is from the October balance of 191030 Working Gas Deferral

# NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Schedule	Błock	191031 WORKING GAS DEFERRAL	191031 WORKING GAS DEFERRAL Nov - New	191031 WORKING GAS DEFERRAL Nov - New	191031 WORKING GAS DEFERRAL Dec	DEFERRAL
10041000001000001000100000000000000000		In Rates	Volumes	Activity for Mo.	Volumes	Dec Activity for Mo
1R				0.00	-	0.00
1C				0.00		0.00
<u> 2R</u>		(0.00919)	13,167,831	(121,012.37)	64,210,080	(590,090.6
3C Firm Sales		(0.00645)	4,744,952	(30,604.94)	25,398,553	(163,820.6)
ntentionally blank						****
31 Firm Sales ntentionally blank		(0.00551)	158,298	(872.22)	567,710	(3,128.08
27		(0.01)	31,538	(202.20)	444.663	·
ntentionally blank		75/617	31,336	(292.36)	144,002	(1,334.90
31C Firm Sales	Block 1	(0.00455)	798,602	(3,633.6)	2,055,114	(9,350.77
	Block 2	(0.00416)	808,385	(3,362.9)	4,244,883	(17,658.71
31C Firm Trans	Block 1	0.00000	28,000	0.0	31,858	0.00
	Block 2	0,00000	47,282	0.0	93,906	0.00
31C Interr Sales	Block 1			0.0	0	0.00
311 Firm Sales	Block 2	(4.00)		0.0	0	0.00
311 Firm Sales	Block 1 Block 2	(0.00349)	127,136	(443.7)	352,778	(1,231.20
311 Firm Trans	Block 1	(0.00315)	312,796 12,000	(985,3) 0.0	965,807 14,000	(3,042.29
211 1 1111 110113	Block 2	0.00000	49,392	0.0	123,898	0.00
311 Interr Sales	Block 1	3/30000		0.0	123,036	0.00
	Block 2			0.0	ő	0.00
32C Firm Sales	Block 1	(0.00281)	916,082	(2,574.2)	1,831,813	(5,147.39
	Block 2	(0.00239)	471,648	(1,127.2)	1,147,348	(2,742.16
	Block 3	(0.00169)	74,919	(126.6)	259,711	(438.91
	Block 4	(0.00099)	~	0.0	60,644	(60.04
	Block 5	(0.00056)	~	0.0	0	0.00
321 Firm Sales	Block 6	(0.00028)	204 202	0.0	0_	0.00
321 ram Sales	Block 1 Block 2	(0.00214) (0.00182)	291,702 346,610	(624.2) (630.8)	322,797	(690,78
	Block 3	(0.00182)	110,966	(143.2)	433,276 183,042	(788.56
	Block 4	(0.00075)	9,330	(7.0)	98,180	(236.12 (73.64
	Block 5	(0.00043)	.,	0.0	0	0.00
	Block 6	(0.00022)		0.0	0	0.00
32C Firm Trans	Block 1	0.00000	202,445	0.0	231,467	0.00
	Block 2	0.00000	164,054	0.0	252,467	0.00
	Block 3	0.00000	93,436	0.0	129,285	0.00
	Block 4	0.0000	76,440	0.0	146,532	0.00
	Block 5	0.00000	*	0.0	0	0.00
321 Firm Trans	Block 6	0.00000	200 220	0.0	0	0,00
321 Titli) Halls	Block 1 Block 2	0.00000	709,328 1,054,951	0.0	769,694 1,228,227	0.00
	Block 3	0.00000	658,853	0.0	812,841	0.00 0.00
	Block 4	0.00000	1,125,432	0.0	1,618,993	0.00
	Block 5	0.00000	1,759,480	0.0	2,294,334	0.00
	Block 6	0.00000	237,433	0.0	818,322	0.00
32C Interr Sales	Block 1	(0.00197)	451,027	(888.5)	541,256	(1,066.27)
	Block 2	(0.00167)	619,886	(1,035.2)	950,646	(1,587.58)
	Block 3	(0.00118)	338,398	(399.3)	571,139	(673.94)
	Block 4	(0.00069)	540,543	(373.0)	964,986	(665.84)
	Block 5	(0.00039)	2,065	(0.8)	125,138	(48.80)
321 Interr Sales	Block 6 Block 1	(0.00020)	574,163	0.0	0	0.00
JET MILET SAIES	Block 2	(0.00192)	738,660	(1,102.4) (1,204.0)	625,478	(1,200.92)
	Block 3	(0.00105)	390,404	(449.0)	825,035 494,683	(1,344.81)
	Block 4	(0.00067)	790,398	(529.6)	1,064,170	(568.89) (712.99)
	Block 5	(0.00038)	298,434	(113.4)	293,114	(111.38)
	Block 6	(0.00019)		0.0	0	0.00
32C Interr Trans	Block 1	0.00000	79,495	0.0	79,896	0.00
	Block 2	0.00000	149,269	0.0	165,797	0.00
	Block 3	0.00000	101,358	0.0	110,000	0.00
	Block 4	0.00000	367,282	0.0	420,035	0.00
	Block 5	0.00000	448,323	0.0	646,824	0.00
331 Inter Trans	Block 6	0.00000	650 202	0.0	0	0.00
32I Interr Trans	Block 1 Block 2	0.00000	659,393 1,096,775	0.0	633,048	0.00
	Block 3	0.00000	782,583	0.0	1,036,939	0.00
	Block 4	0.00000	1,948,544	0.0	828,561 2,263,065	0.00
	Block 5	0.00000	3,676,314	0.0	4,421,112	0.00
	Block 6	0.00000	6,487,603	0.0	7,451,075	0.00
Intentionally blank						
33		0.00000	-	0.00	8,253,409	0.00

TOTAL AMORTIZATION (172,535.84) (807,816.28)

Amortization of Oregon WACOG Deferral Northwest Natural Gas Company 191401 Company: State: Description: Account Number:

Dockets UM 1496 and UG 262 Amortization of 12-13 deferral approved in Order No. 13-394

Debit (Credit) 

Balance	(6)	(1,109,749)	(17,101,014)	(14,577,282)	(11,790,996)	(9,482,229)	(7,228,345)	(5,441,963)	(4,301,668)	(5,552,348)	(3,163,274)	(2,618,954)	(2,043,469)	(1,290,314)	(983,936)	(8,383,406)	(7,541,473)	(6,314,723)	(5,316,378)	(4,523,624)	(3,936,131)	(3,538,472)	(3,215,702)	(2,980,740)	(2,767,856)	(2,544,581)	(2,141,313)	(1,854,323)	(4,102,051)	(3,267,455)
Activity	ψ)	764,461	(15,991,265)	2,523,732	2,786,286	2,308,767	2,253,884	1,786,381	1,140,295	(1,250,679)	2,389,074	544,320	575,484	753,155	626,378	(7,719,470)	841,933	1,226,750	998,345	792,754	587,493	397,659	322,770	234,962	212,884	223,275	403,267	286,991	(2,247,728)	834,595
Interest rate	(e2)	2.24%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	2.01%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.47%	1.38%	1.38%
Interest	(e)	(2,782)	(27,413)	(56,508)	(55,065)	(17,801)	(13,983)	(10,603)	(8,153)	(286)	(7,293)	(4,839)	(3,902)	(2,790)	(1,635)	(6,605)	(9,748)	(8,482)	(7,120)	(6,023)	(5,178)	(4,575)	(4,134)	(3,793)	(3,519)	(3,252)	(2,868)	(2,446)	(2,702)	(4,235)
Transfers	(p)		(16,767,705)							(34,070,348)						(7,971,926)										(8)			(2,453,528)	
		,	C																											
Amortization	(2)			2,550,240	2,808,351	2,326,569	2,267,868	1,796,984	1,148,449	32,820,255	7,396,367	549,159	5/9,386	755,945	628,014	262,061	851,681	1,235,232	1,005,465	/98,//	2/9/765	402,235	326,904	238,755	216,403	226,535	406,135	289,436	208,502	838,830
Note Amortization	(q)	767,243		2,550,240	2,808,351	2,326,569	2,267,868	1,796,984		32,820,255	7,396,36/	549,159	5/9,386			new rates (1) 262,061	851,681	1,235,232	1,005,465	///88/	2/9/2/6/	402,235	326,904	238,755		3 226,535		Nov-13 old rates 289,436	new rates <b>(1)</b> 208,502	838,830

# History truncated for ease of viewing

### NOTES:

Transfer in is from the October balances of deferral account 191400.

2 - Transfer in represents an early WACOG refund to customers in June as approved by the PUC. An interest correction for the month of June was recorded during Q3 2012. **3** - Transfer represents a balance true-up adjustment.

NW Natural Rates & Regulatory Affairs Oregon 2012-13 PGA Summary of Temporary Increment by Rate Schedule Rates Effective November 1, 2012 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	191401 AMORT WACOG OR	191401 AMORT WACOG OR Oct	191401 AMORT WACOG OR Oct	191401 AMORT WACOG OR Nov - Old Rates	191401 AMOI WACOG OR Nov - Old Rat
		In Rates	Volumes	Activity for Mo.	Volumes	Activity for M
<u>1R</u>		0.01034	21.0	0.22	24.1	0.
1C		0.01034	0.0	0.00	0.0	0.4
2R		0.01034	17,580,062.5	181,861.72	16,320,175.5	168,828.
3C Firm Sales itentionally blank		0.01034	7,795,563.0	80,643.31	7,111,261.5	73,564.
31 Firm Sales	***************************************	0.01034	431,577.4	4,464.57	348,592.3	3,606.
tentionally blank		0,0400,1	1384817.1	4,70,1,57		2,900
19		0.01	0.0	0.00	0,0	0.
27		0.00	27,593.6	0.00	33,452.1	0.
31C Firm Sales	Biock 1	0.01034	1,832,005.7	18,951.68	1,254,378.7	12,976.
	Block 2	0.01034	946,990.0	9,796.39	1,045,535.9	10,815
31C Firm Trans	Block 1	0.00000	26,496.0	0.00	6,990.0	0.
TAC Inter Color	Block 2	0.00000	34,300.0	0.00	7,854.0	0,
31C Interr Sales	Block 1 Block 2	0.01034 0.01034	0.0	0.00	0.0	0.
311 Firm Sales	Block 1	0.01034	0.0 363,498.8	0,00 3,760,31	9.0 252,766.2	0. 2,614.
Jai rum Jones	Block 2	0.01034	919,582.2	9,512.87	577,259.6	2,014. 5,971.
311 Firm Trans	Block 1	0.00000	16,000.0	0.00	2,000.0	0.
	Block 2	0.00000	85,732.0	0.00	31,683.0	0.
311 Interr Sales	Block 1	0.01034	0.0	0.00	0.0	O.
	Block 2	0.01034	0.0	0,00	0.0	0.
32C Firm Sales	Block 1	0.01034	1,136,580.9	11,757.67	577,379.9	5,972.
	Block 2	0.01034	443,780.6	4,590.81	105,614.4	1,092.
	Block 3	0.01034	69,591.0	719.90	0.0	0.
	Block 4	0.01034	26,836.0	277.61	0.0	0.
	Block 5	0.01034	0.0	0.00	0.0	0.
225 El 6.4	Block 6	0,01034	0.0	0,00	0.0	0.
321 Firm Sales	Block 1	0.01034	403,666.4	4,175.84	83,673.6	865.
	Block 2 Block 3	0.01034 0.01034	465,634.2 178,480.0	4,816.88 1,846.33	136,669.3 65,798.0	1,413. 680.
	Block 4	0.01034	41,961.7	434.08	30,863.0	319.
	Block 5	0.01034	0.0	0.00	0.0	0.
	Block 6	0.01034	0,0	0.00	0.0	0.
32C Firm Trans	Block 1	0.00000	158,181.0	0.00	20,000.0	0.
	Block 2	0.00000	119,805.0	0.00	24,483.0	0.
	Block 3	0.00000	46,173.0	0.00	11,794.0	0.
	Block 4	0.00000	0.0	0.00	0.0	0.
	Block 5	0.00000	0.0	0.00	0.0	0.6
	Block 6	0.00000	0.0	0.00	0.0	0.4
321 Firm Trans	Block 1	0.00000	762,394.0	0.00	86,089.0	0.0
	Block 2	0.00000	1,140,093.0	0.00	144,440.0	0.0
	Block 3	0.00000	725,217.0	0.00	120,447.0	0.0
	Block 4 Block 5	0.00000	1,263,658.0	0.00	307,500.0	0.4
	Block 6	0.00000	1,421,278.0 97,630.0	0.00	427,449.0 0.0	0.0
32C Interr Sales	Block 1	0.01034	462,788.0	4,787.44	174,075.0	1,800.
	Block 2	0.01034	622,119.0	6,435.68	247,613.0	2,561.
	Block 3	0.01034	337,064.0	3,486.85	163,698.0	1,693.
	Biock 4	0.01034	416,204.0	4,305.54	221,097.0	2,287.
	Block 5	0.01034	0.0	0.00	5,114.0	52.9
	Block 6	0.01034	9.0	0.00	0.0	0.0
32I Interr Sales	Block 1	0.01034	649,802.0	6,722.05	4,340.0	44.5
	Block 2	0.01034	890,589.0	9,212.94	(13,059.0)	(135.0
	Block 3	0.01034	489,028.0	5,058.88	(100,000.0)	(1,034.4
	Block 4	0.01034	1,062,936.0	10,995.83	(600,000.0)	(6,206.8
	Block 5	0.01034	917,987.0	9,496.37	(173,737.0)	(1,797.2
32C Interr Trans	Block 6 Block 1	0.01034	173,737.0	1,797.27	0,0	0.0
JZC BREIT HAIIS	Block 2	0.00000	88,337.0 162,020.0	0.00	0.0	0.0
	Block 2	0.00000	162,020.0	0.00	0.0	0.0
	Block 4	0.00000	360,986.0	0.00	0.0	0.0
	Block 5	0.00000	346,966.0	0.00	0.0	0.0
	Block 6	0.00000	0.0	0.00	0.0	0.0
321 Interr Trans	Block 1	0.00000	698,568.0	0.00	26,102.0	0.0
	Block 2	0.00000	1,343,189.0	0.00	64,221.0	0.0
	Block 3	0.00000	1,019,318.0	0.00	40,000.0	0.0
	Block 4	0.00000	2,533,889.0	0.00	118,876.0	0.0
	Block 5	0.00000	5,024,868.0	0.00	672,153.0	0.0
	Block 6	0.00000	6,835,613.0	0.00	0.0	0.0
fotostica at 12 -1						
Intentionally blank 33		0.00000	6,453,091.0	0.00	7,025,125.0	0.0
	***************************************	0.00000				0.0
TALS			69,571,620.0	399,909.04	37,009,791.1	287,989.4
		Amortiz	ation for Switchers	6,226.44		1,446.9
			es 29-30 for details	0,220,44		1,440.9

406,135.48 TOTAL AMORTIZATION 289,436.44

### NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Schedule Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	191401 AMORT WACOG OR	191401 AMORT WACOG OR Nov - New Rates	191401 AMORT WACOG OR Nov - New Rate	191401 AMORT WACOG OR Dec	191401 AMORT WACOG OR Dec
**************************************		In Rates	Volumes	Activity for Mo.	Volumes	Activity for Mo.
<u>iR</u>			0.0	0.00	0.0	0.00
1 <u>C</u> 2R			0.0	0.00	0.0	0.00
3C Firm Sales		0.00769	13,167,831.2	101,255.45	64,210,080.1	493,750.29
Intentionally blank	***************************************	0.00769	4,744,952.1	36,486.82	25,398,553.4	195,304.90
31 Firm Sales		0.00769	158,298.0	. 5 . 5 . 5	**************************************	
Intentionally blank	***************************************	2.00703	1,20,630,9	1,217.25	567,710.1	4,365.47
27	**************************************	0.00769	31,538.4	242.52	144,001.8	4 463 55
Intentionally blank			0.0	0.00	0.0	1,107.32
31C Firm Sales	Block I	0.00769	798,602.4	6,140.94	2,055,114.2	0.00 15,803.02
	Block 2	0.00769	808,384.9	6,216.16	4,244,882.8	32,641.48
31C Firm Trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.00
	Block 2	0.00000	47,282.0	0.00	93,906.0	0.00
31C Interr Sales	Block 1		0.0	0.00	0.0	0.00
248.65	Block 2		0.0	0.00	0.0	0.00
311 Firm Sales	Block 1	0.00769	127,135.9	977.63	352,778.2	2,712.73
31I Firm Trans	Block Z	0.00769	312,795.5	2,405.27	965,807.1	7,426.68
211 1101 11015	Błock 1 Block 2	0.00000	12,000.0	0.00	14,000.0	0.00
311 Interr Sales	Block 1	0.00000	49,392.0	0.00	123,898.0	0.00
and arrest batca	Block 2		0.0 0.0	0.00	0.0	0.00
32C Firm Sales	Block 1	0.00769	916,082.3	7,044.31	0.0	0.00
	Block 2	0.00769	471,648.1	3,626.79	1,831,812.7 1,147,348.0	14,085.92
	Block 3	0.00769	74,919.0	576.10	259,711.3	8,822.66 1,997.08
	Block 4	0.00769	0.0	0.00	60,644.0	466.33
	Block 5	0.00769	0.0	0.00	0.0	0.00
	Block 6	0.00769	0.0	0.00	0.0	0.00
321 Firm Sales	Block 1	0.00769	291,702.1	2,243.07	322,796.5	2,482.18
	Block 2	0.00769	346,610.4	2,665.30	433,275.5	3,331.72
	Block 3	0.00769	110,966.0	853.28	183,042.0	1,407.52
	Block 4 Block 5	0.00769	9,330.0	71.74	98,180.0	754.97
		0.00769	0.0	6.00	0.0	0.00
32C Firm Trans	Block 6 Block 1	0.00769	0.0	0.00	0.0	0.00
SECTION TONS	Block 2	0.00000	202,445.0	0.00	231,467.0	0.00
	Block 3	0.00000	164,054.0 93,436.0	0.00	252,467.0	0.00
	Block 4	0.00000	76,440.0	0.00	129,285.0	0.00
	Block 5	0.00000	0.0	0.00	146,532.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
321 Firm Trans	Block 1	0.00000	709,328.0	0.00	769,694.0	0.00
	Block 2	0.00000	1,054,951.0	0.00	1,228,227.0	0.00
	Block 3	0.00000	658,853.0	0.00	812,841.0	0.00
	Block 4	0.00000	1,125,432.0	0.00	1,618,993.0	0.00
	Block 5	0.00000	1,759,480.0	0.00	2,294,334.0	0.00
	Block 6	0.00000	237,433.0	0,00	818,322.0	0.00
32C Interr Sales	Block 1	0.00769	451,027.0	3,468.22	541,256.0	4,162.05
	Block 2	0.00769	619,886.0	4,766.68	950,646.0	7,310.09
	Block 3	0.00769	338,398.0	2,602.15	571,139.0	4,391.83
	Block 4 Block 5	0.00769	540,543.0	4,156.56	964,986.0	7,420.36
	Block 6	0.00769	2,065.0	15.88	125,138.0	962.26
32I Interr Sales	Block 1	0.00769	0.0	0.00	0.0	0.00
DEL ENCOT DURCS	Block 2	0.00769	574,163.0 738,660.0	4,415.09	625,478.0	4,809.68
	Block 3	0.00769	390,404.0	5,680.01 3,002.05	825,035.0	6,344.20
	Block 4	0.00769	790,398.0	6,077.85	494,683.0 1,064,170.0	3,803.92
	Block 5	0.00769	298,434.0	2,294.84	293,114.0	8,183.05
	Block 6	0.00769	0.0	0,00	0.0	2,253.93 0.00
32C Interr Trans	Block 1	0.00000	79,495.0	0.00	79,896.0	0.00
	Block 2	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 3	0.00000	101,358.0	0.00	110,000.0	0.00
	Block 4	0.00000	367,282.0	0.00	420,035.0	0.00
	Block 5	0.00000	448,323.0	0.00	646,824.0	0.00
	Block 6	0.00000	0.0	0.00	0.0	0.00
32I Interr Trans	Block 1	0.00000	659,393.0	0.00	633,048.0	0.00
	Block 2	0.00000	1,096,775.0	0.00	1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5 Block 6	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
	DRACK 0	0.00000	6,487,603.0	0.00	7,451,075.0	0.00
Intentionally blank						
Intentionally blank 33		0.00000	0.0	0.00	8 253 400 n	0.00
33		0.00000	0.0	0.00	8,253,409.0	0.00
33		0.00000	0.0 49,130,239.3		8,253,409.0 13,606,967.70	0.00 836,101.64

TOTAL AMORTIZATION 208,501,96 838,830.48



4th Quarter 2013 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 11/05/2013 3:31 AM Job: CNNBLRJRPC/CNNBLRJRP

For Revenue Date: 10/2013

State
OR
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OR
WA

Rate Adj Therms Rate Schedule Therms Rate Adj Amount	00 (184.75)			(2					(3,755.01)	(2,655.15)	(6,410.16)	2.866%	w/out Rev Sens	3,647.39	2,579.05	6,226,44	(280 00)	(843.87)	
Rate Schedule Therr	68,269.00	114,248.00	362,166.00	5,822,456.00	1,096,974.00	18,309,894.00	476,297.00	1,235,301.00	E	Interruptible			To Amortize:	Firm	Interruptible		E	Interruptible	
Rate Adj Therms	17,348.00	27,630.00	83,090.00	224,515.00	102,799.00	146,510.00	15,466.00	46,597.00	Oregon			•					Washington Firm		
Revenue Code Desc	Commercial Transport Service	Industrial Firm Transport	Commercial Transport Service	Industrial Firm Transport	Industrial Interr Transport	Industrial Interr Transport	Industrial Firm Transport	Industrial Interr Transport											
evenue Code	COMT	FRM T	COM T	FRM T	F	FF	FRM T	L TNI											
tate Schedule Revenue Code	31CTF	31/TF	32CTF	32ITF	32CTI	32ITI	142TF	142TI											
Rate Adv Desc R	OR 31 Com'l firm Defrd Commod	OR 31 Com'l firm Defrd Commod	OR 32 Com'l Firm Defrd Commd.	WA Sales-Deferred Commodity	WA Sales-Deferred Commodity														
ate Adjustment	31SDC	31SDC	32SDC	32SDC	32SDC	32SDC	SDC42	SDC42											
Rade Adj Type Rate Adjustment	ADJC	ADJC	ADJC	ADJC	ADJC	ADJC	ADJC	ADJC											

267.84 806.98 1,074.82

Interruptible Firm

w/out Rev Sens

To Amortize:

4th Quarter 2013 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 12/04/2013 4:22 AM Job: CNNBLRJRPC/CNNBLRJRP

For Revenue Date: 11/2013

State
OR
OR
OR
OR
WA

tate Adj Amount	(16.84)		(1,209.71)	(263.11)			-240.22		(1,489.66)		(1,489.66)	2.866%	w/out Rev Sens	1,446.97	***************************************	1,446.97	(240.22)	•	(240.22)	4.372%	w/out Rev Sens	229.72
Rate Adj Therms Rate Schedule Therms Rate Adj Amount	75,282.00	ŧ	578,765.00	5,591,132.00			132517		Film	Interruptible			To Amortize:		Interruptione –		, im	Interruptible	rrada		To Amortize:	Fim
Rate Adj Therms	3,180.00		154,630.00	34,201.00			20691	66,291.00	Oregon	<b>b</b> -∞ <b>d</b>			<b>F</b>	u			Washington Firm	<b>₽</b> 4				u.
Revenue Code Desc	Commercial Transport Service	Industrial Firm Transport	Commercial Transport Service	Industrial Firm Transport	Industrial Interr Transport	Industrial Interr Transport	Commercial Transport Service	Industrial Interr Transport														
Schedule Revenue Code	COMT	FRMT	COMT	FRM T	T TNI	TTN	COMT	INT														
rate schedul	31CTF	311TF	32CTF	32ITF	32CTI		C42TF	14271														
עמום אחא חבאר	OR 31 Com'l firm Defrd Commod	OR Sales-Deferred Commodity	OR 32 Com'l Firm Defrd Commd.	OR 32 Ind'l Firm Defrd Commd.	OR Sales-Deferred Commodity	OR 32 Com'l Firm Defrd Commd.	WA Sales-Deferred Commodity	WA Sales-Deferred Commodity														
ימוב שמלחסרוויבייני	31SDC	31SDC	32SDC	321DC	32SDC	32SDC	SDC42	SDC42														
vade Auj 19pe nate Aujustinent	ADJC	ADJC	ADJC	ADJC	ADJC	ADJC	ADJC	ADJC														
a)																						

229.72

To Amortize: Firm Interruptible

**NW Natural** 

4th Quarter 2013 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 1/04/2014 6:46 AM

Job: CNNBLRJRPC/CNNBLRJRP

For Revenue Date: 12/2013

State
OR
OR
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OR
WA

Rate Adj Amount (205.74) (388.37) (2,216.49) (317.51)	(2,810.60)	2.909% w/out Rev Sens 2,728.84 2,728.84	(317.51)	4.372%
Rate Adj Therms Rate Schedule Therms Rate Adj Amount 37,842.00 140,608.00 (205.74) 50,682.00 9,183,403.00 (388.37) 289,904.00 808,718.00 (2,216.49) 27,348.00 160,987.00 (317.51)	Firm Interruptible	<u>To Amortize;</u> Firm Interruptible	Firm Interruptible	:
Rate Adj Therms 37,842.00 50,682.00 289,904.00 27,348.00	Oregon		Washington Firm Inter	
Revenue Code Desc Commercial Transport Service Industrial Firm Transport Commercial Transport Industrial Firm Transport Industrial Interr Transport Commercial Transport Industrial Interr Transport Industrial Interr Transport Commercial Transport Industrial Interr Transport				
Rate Schedule         Revenue Code           31CTF         COM T           32TF         FRM T           32TF         COM T           32TF         FRM T           32TF         INT T           32TI         INT T           C42TF         COM T           I42TI         INT T				
Rate Adv Desc OR 31 Com'l firm Defrd Commod OR 32 Ind'l Firm Defrd Commd. OR 32 Com'l Firm Defrd Commd. OR 32 Ind'l Firm Defrd Commd. OR Sales-Deferred Commodity OR 32 Com'l Firm Defrd Commd. WA Sales-Deferred Commodity WA Sales-Deferred Commodity				
Rade Adj Type Rate Adjustment ADJC 31SDC ADJC 32IDC ADJC 32SDC ADJC SDC42				
Rade Adj Type ADJC ADJC ADJC ADJC ADJC ADJC ADJC ADJC				

303.63 303.63

w/out Rev Sens

To Amortize:

Interruptible E

Oregon Amortization of Oregon Demand Deferral 191411 Dockets UM 1496 and UG 262	eferral
ation Tra	Interest Activity Sate Activity
(p) (c)	(A)
	Kate
old rates (183,139)  new rates (1) (13,570) (543)	(e)
(52/52)	(e) Kate Acti
(52,727)	(e) Kate Activities (f) (5) (2,917 2.24% (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7
(32,232)	(e) Kate Active (c) (f) (2,917 2.24% (1,922) 2.01% (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494 2.01% (1) (1,494
(5)(5)	(e) Kate Active (c) (f) (2,917 2.24% (f) (922) 2.01% (f) (1,494 2.01% (f) (1,413 2.01% (f)
(37,827)	(e) Kate Active (e) (f) (52917 2.24% (1 (922) 2.01% (1,494 2.01% (1,413 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,336 2.01% (1,33
(35,237)	(e) Kate Active (e) (f) (2,917 2.24% (1 (922) 2.01% (1,494 2.01% (1,413 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,267 2.01% (1,26
(14 802)	(e) Kate Active (e) (f) (2,917 2.24% (f) (922) 2.01% (f) (1,494 2.01% (f) 1,336 2.01% (f) 1,267 2.01% (f) 1,207 2.01%
(10,767)	(e) Kate Active (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f
(8,921)	(e) Kate Active (e) (f) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f
(9,595)	(e) Kate Active (e) (f) (2,917 2.24% (f) (922) 2.01% (f) (922) 2.01% (f) (1,413 2.01% (f) (1,267 2.01% (f) (1,164 2.01% (f) (1,164 2.01% (f) (1,164 2.01% (f) (1,107 2.01% (f) (
(12,583)	(e) (f) (2.917 2.24% (f) (922) 2.01% (f) (922) 2.01% (f) (1,494 2.01% (f) (1,413 2.01% (f) (1,267 2.01% (f) (1,164 2.01% (f) (1,117 2.01% (f) (1,117 2.01% (f) (1,102 2.01% (f) (1,089 2.01% (f)
(11,462)	(e) (f) (f) (f) (h) (h) (h) (h) (h) (h) (h) (h) (h) (h
new rates (1) 53,276 (1,792,770)	(e) (f) (f) (f) (h) (h) (h) (h) (h) (h) (h) (h) (h) (h
	(e) Kate Active (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d
285,352	(e) (7) (2.24% (1) (2.24% (1) (922) 2.01% (2) (1) (922) 2.01% (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
231,812	(e) (7) (2.24% (1) (2.24% (1) (922) 2.01% (2.01% (1) (922) 2.01% (2.01% (1) (924) 2.01% (1) (926) 2.01% (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
181,444	(e) (7) (2.24% (1) (2.24% (1) (922) 2.01% (1) (922) 2.01% (1) (1) (922) 2.01% (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
132,46/	(e) (7) (2.24% (1) (2.24% (1) (922) 2.01% (2) (1) (922) 2.01% (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
08,330	(e) (7) (2.24% (1) (2.24% (1) (922) 2.01% (1) (922) 2.01% (1) (1) (922) 2.01% (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
69,694	(e) Kate Active (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
49,289	(e) (7) (2.24% (1) (2.24% (1) (922) 2.01% (2) (1) (922) 2.01% (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
43,867	(e) Kate Active (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
45,928	(e) (f) (g) 2,917 2,24% (i) 1,494 2.01% 1,494 2.01% 1,433 2.01% 1,267 2.01% 1,164 2.01% 1,1164 2.01% 1,117 2.01% 1,118 2.01% 1,089 2.01% 1,089 1,072 2.01% 1,089 1,072 2.01% 1,089 1,47% 1,550 1,47% 1,550 1,47% 1,78 (642) 1,47% 1,78 (633) 1,47% 1,78 1,47% 1,630 1,47% 1,630 1,47% 1,630 1,47% 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,641 1,64
84,559	(e) (f) (g) 2,917 2,24% (i) (922) 2,01% (i)443 2,01% (i)43 2,01% (i)336 2,01% (i)267 2,01% (i)164 2,01% (i)164 2,01% (i)17 2,01% (i)102 2,01% (i)089 2,01% (i)089 2,01% (i)54 2,01% (i)642) 1,47% (i)7 2,164) 1,47% (i)7 2,164) 1,47% (i)7 3,147% (i)8 3,147% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,63) 1,47% 1,64 1,64 1,64 1,64 1,64 1,64 1,64 1,64
70,168	(e) (f) (g) 2,917 2,24% (g) 1,494 2,019% (g) 1,494 2,019% (g) 1,267 2,019% (g) 1,164 2,019% (g) 1,102 2,019% (g) 1,102 2,019% (g) 1,089 2,019% (g) 1,054 2,019% (g) 1,054 2,019% (g) 1,479% (g) 1,470%
new rates (1) 28,927 (1,724,491)	(e) (f) (g) 2,917 2,917 2,24% (g) 1,494 2,019% 1,413 2,019% 1,267 2,019% 1,164 2,019% 1,117 2,019% 1,102 1,102 1,089 1,089 1,072 2,019% 1,054 1,072 2,019% 1,054 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,479% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,470% 1,
130,511	(e) (e) (f) (2,917 (922) (1,494 (1,494 (1,494 (1,413 (1,494 (1,413 (1,494 (1,413 (1,494 (1,413 (1,413 (1,414 (1,413 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,414 (1,41
	(e) (e)  2,917 2,917 2,24% (i) 1,494 2.01% (i),413 2.01% (i),434 2.01% (i),436 2.01% (i),649 2.01% (i),117 2.01% (i),117 2.01% (i),117 2.01% (i),089 2.01% (i),080 2.01% (

1 - Transfer in is from the October balances of deferral accounts 191410, 191450, 191417 2 - Transfer represents a balance true-up adjustment History truncated for ease of viewing
History truncated for ease of viewing
MOTES:

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NW Natural Rates & Regulatory Affairs Oregon 2013-14 PGA Summary of Temporary Increment by Rate Sc Rates Effective November 1, 2013 Temps by Rate Schedule:4th Quarter 2013

Schedule	Block	191411 AMORT DEMAND OR	191411 AMORT DEMAND OR Nov - New Rates	191411 AMORT DEMAND OR Nov - New Rate	DEMAND OR	191411 AMOI DEMAND OF Dec
		In Rates	Volumes	Activity for Mo.	Volumes	Activity for M
IR			0.0	0.00	0.0	0.0
<u> </u>			0.0	0.00	0.0	0.6
ZR 3C Firm Sales		0.00126	13,167,831.2	16,620.21	64,210,080.1	81,044.8
Intentionally blank	***************************************	0.00126	4,744,952.1	5,989.00	25,398,553.4	32,057.6
31 Firm Sales		0.00126	158,298.0	199.80	567 716 1	210
ntentionally blank	***************************************	2122224	470,270.0	177,90	567,710.1	716.5
27		0.00126	31,538.4	39.81	144,001.8	181,7
ntentionally blank			0.0	0.00	0.0	0.6
31C Firm Sales	Block 1	0.00126	798,602.4	1,007.98	2,055,114.2	2,593.9
	Block 2	0.00126	808,384.9	1,020.33	4,244,882.8	5,357.8
31C Firm Trans	Block 1	0.00000	28,000.0	0.00	31,858.0	0.0
246 (	Block 2	0.00000	47,282.0	0.00	93,906.0	0.0
31C Interr Sales	Block 1		0.0	0.00	0.0	0.6
31I Firm Sales	Block 2 Block 1	0.00126	0.0	0.00	0.0	0,0
JAI CHIII JIBES	Block 2	0.00126	127,135.9	160.47	352,778.2	445.
311 Firm Trans	Block 1	0.00000	312,795.5 12,000.0	394.81	965,807,1	1,219.0
227 ( 777) ( 741)	Block 2	0.00000	49,392.0	0.00	14,000.0 123,898.0	0.0
311 Interr Sales	Block 1		0.0	0.00	0.0	0.0
	Block 2		0.0	0.00	0.0	0.0
32C Firm Sales	Block 1	0.00126	916,082.3	1,156.26	1,831,812.7	2,312.0
	Block 2	0.00126	471,648.1	595.31	1,147,348.0	1,448.1
	Block 3	0.00126	74,919.0	94.56	259,711.3	327.8
	Block 4	0.00126	0.0	0.00	60,644.0	76.5
	Block 5	0.00126	0.0	0.00	0.0	0.0
	Block 6	0.00126	0.0	0.00	0.0	0.0
32I Firm Sales	Block 1	0.00126	291,702.1	368.18	322,796.5	407.4
	Block 2	0.00126	346,610.4	437.49	433,275.5	546.8
	Block 3	0.00126	110,966.0	140.06	183,042.0	231.0
	Block 4	0.00126	9,330.0	11.78	98,180.0	123.9
	Block 5 Block 6	0.00126	0.0	0.00	0.0	0.0
32C Firm Trans	Block 6	0.00126 0.00000	0.0	0.00	0.0	0.0
SECTION TRAIS	Block 2	0.00000	202,445.0	0.00	231,467.0	0.0
	Block 3	0.00000	164,054.0 93,436.0	0.00	252,467.0	0.0
	Block 4	0.00000	76,440.0	0.00	129,285.0 146,532.0	0.0
	Block 5	0.00000	0.0	0.00	0.0	0.0
design and the second s	Block 6	0.00000	0.0	0.00	0.0	0.0
321 Firm Trans	Block 1	0.00000	709,328.0	0.00	769,694.0	0.0
	Block 2	0.00000	1,054,951.0	0.00	1,228,227.0	0.0
	Block 3	0.00000	658,853.0	0.00	812,841.0	0.0
	Block 4	0.00000	1,125,432.0	0.00	1,618,993.0	0.0
	Block 5	0.00000	1,759,480.0	0.00	2,294,334.0	0.0
	Block 6	0.00000	237,433.0	0.00	818,322.0	0.0
32C Interr Sales	Block 1	0.00015	451,027.0	65.69	541,256.0	78.8
	Block 2	0.00015	619,886.0	90.28	950,646.0	138.4
	Block 3	0.00015	338,398.0	49.28	571,139.0	83.18
	Block 4	0.00015	540,543.0	78.72	964,986.0	140.54
	Block 5	0.00015	2,065.0	0.30	125,138.0	18.2
32I Interr Sales	Block 6 Block 1	0.00015 0.00015	0.0	0.00	0.0	0.0
out timest parco	Block 2	0.00015	574,163.0 738,660.0	83.62	625,478.0	91.09
	Block 3	0.00015	390,404.0	107.58 56.86	825,035.0 494.683.0	120.10
	Block 4	0.00015	790,398.0	115.11	494,683.0 1,064,170.0	72.0- 154.98
	Block 5	0.00015	298,434.0	43.46	293,114.0	42.69
	Block 6	0.00015	0.0	0.00	0.0	0.00
32C Interr Trans	Block 1	0.00000	79,495.0	0.00	79,896.0	0.00
	Block 2	0.00000	149,269.0	0.00	165,797.0	0.00
	Block 3	0.00000	101,358.0	0.00	110,000.0	0.00
	Block 4	0.00000	367,282.0	0.00	420,035.0	0.00
	Block 5	0.00000	448,323.0	0.00	646,824.0	0.00
737.4	Block 6	0.00000	0.0	0.00	0.0	0.00
32I Interr Trans	Block 1	0.00000	659,393.0	0.00	633,048.0	0.00
	Block 2	0.00000	1,096,775.0	0.00	1,036,939.0	0.00
	Block 3	0.00000	782,583.0	0.00	828,561.0	0.00
	Block 4	0.00000	1,948,544.0	0.00	2,263,065.0	0.00
	Block 5	0.00000	3,676,314.0	0.00	4,421,112.0	0.00
	Block 6	0.00000	6,487,603.0	0.00	7,451,075.0	0.00
Intentionally black						
Intentionally blank		0.0000	0.0	0.00	0.353.400.6	
33		0.00000	0.0	0.00	8,253,409.0	0.00
		0.00000	0.0 49,130,239.3	0.00 28,926.95	8,253,409.0 143,606,967.70	0.00

TOTAL AMORTIZATION 28,926.95 130,510.55

NW Natural 4th Quarter 2013 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 11/05/2013 3:31 AM Job: CNNBLRJRPC/CNNBLRJRP

For Revenue Date: 10/2013

State
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WA

ate Adj Amount	(44.76)	(71.28)	(214.36)	(579.25)	(31.87)	(45.42)	(220.39)	(232.05)	(909.65)	(77.29)	(986.94)	2.866%	w/out Rev Sens	883.58	75.07	958.65	(220.39)	(232.05)	(452.44)	4,372%	w/out Rev Sens 210.75
Schedule Therms R	68,269.00	225,359.00	362,166.00	5,822,456.00	1,096,974.00	18,309,894.00	476,297.00	1,235,301.00		Interruptible			To Amortize:		Interruptible	l		Interruptible			mortize:
Rate Adj Therms Rate Schedule Therms Rate Adj Amount	17,348.00	27,630.00	83,090.00	224,515.00	102,799.00	146,510.00	15,466.00	46,597,00	Oregon Firm	Inter			TOA	Firm	Inter		Washington Firm	Inter			To A
Revenue Code Desc	Commercial Transport Service	Industrial Firm Transport	Commercial Transport Service	Industrial Firm Transport	Industrial Interr Transport	Industrial Interr Transport	Industrial Firm Transport	Industrial Interr Transport													
evenue Code	COMT	FRM T	COMT	FRM T	LINI	TTN	FRMT	TTN													
Rate Schedule Revenue Code	31CTF	311TF	32CTF	32ITF	32CTI	32ITI	142TF	142Ti													
Rate Adv Desc	OR Firm Sales-Deferred Demand	OR Intp. Sales-Deferred Demand	OR Intp. Sales-Deferred Demand	WA Firm Sales-Deferred Demand	WA Intp. Sales-Deferred Demand																
ite Adjustment	31FDD	31FDD	32FDD	32FDD	32IDD	32IDD	FDD42	IDD42													
Rade Adj Type Rate Adjustment	ADJD	ADJD	ADJD	ADJD	ADJD	ADJD	ADJD	ADJD													
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210.75 221.90 432.65

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4th Quarter 2013 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 12/04/2013 4:22 AM

Job: CNNBLRJRPC/CNNBLRJRP

For Revenue Date: 11/2013

State
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Rate Adj Amount (4.13)	(201.02) (44.46)	(3.25)	(249.61)	(3.25)	(252.86)	2.866%	w/out Rev Sens	242.46	3.16	245.62	(386.71)	(386.71)	4.372% w/out Rev Sens
Rate Adj Therms Rate Schedule Therms 3,180.00	578,765.00 5,591,132.00	15,957,674.00 132,517.00		Interruptible	l		To Amortize:	Firm	Interruptible	l		Interruptible	To Amortize:
Rate Adj Therms 3,180.00	154,630.00 34,201.00	21,673.00	Oregon	П				u.	I		Washington Firm		<b>}</b> ⊷  1
Revenue Code Desc Commercial Transport Service Industrial Firm Transport	Commercial Transport Service Industrial Firm Transport Industrial Interr Transport	Industrial Interr Transport Commercial Transport Service Industrial Interr Transport											
lule Revenue Code COM T FRM T	COMT FRM T	COM T INT T											
Rate Adv Desc OR Firm Sales-Deferred Demand OR Firm Sales-Deferred Demand	OR Firm Sales-Deferred Demand OR Firm Sales-Deferred Demand OR Intp. Sales-Deferred Demand	OR Intp. Sales-Deferred Demand WA Firm Sales-Deferred Demand WA Intp. Sales-Deferred Demand											
Rade Adj Type Rate Adjustment ADJD 31FDD ADJD 31FDD	32FDD 32FDD 32IDD	32IDD FDD42 IDD42											
Rade Adj Type ADJD ADJD	ADJD ADJD ADJD	ADJD ADJD ADJD											

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NW Natural 4th Quarter 2013 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 1/04/2014 6:46 AM Job: CNNBLRJRPC/CNNBLRJRP

For Revenue Date: 12/2013

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Rate Adi	Amount	(49.20)		(376.88)	(62.89)		(5.09)	(511.13)		(491.97)	(2.09)	(494.06)	2.909%	w/out Rev Sens	477.66	2.03	479.69	(511.13)		(511.13)	4.372%
te &	Rate Adj Therms Rate Schedule Therms Am			808,718.00			16,349,025.00			Firm	Interruptible	2)		To Amortize: w/out		Interruptible			Interruptible	•	7
	Rate Adj Therms	37,842.00	•	289,904.00	50,682.00		13,962.00	27,348.00		Oregon					u.	P==4		Washington Firm	<b>Poort</b>		
	Revenue Code Desc	Commercial Transport Service	Industrial Firm Transport	Commercial Transport Service	Industrial Firm Transport	Industrial Interr Transport	Industrial Interr Transport	Commercial Transport Service	Industrial Interr Transport												
Revenue	Code	COMIT	FRM T	COMT	FRM T	FIN	LINI	COMT	L TN												
Rate	Schedule	31CTF	311TF	32CTF	32ITF	32CTI	32171	C42TF	14271												
	Rate Adv Desc	OR Firm Sales-Deferred Demand	OR Intp. Sales-Deferred Demand	OR Intp. Sales-Deferred Demand	WA Firm Sales-Deferred Demand	WA Intp. Sales-Deferred Demand															
Rate	Adjustment			32FDD				FDD42	10042												

w/out Rev Sens 488.78

To Amortize: Interruptible 핊

488.78

### **Detail of Decoupling Deferrals**

Deferral of Oregon Residential Decoupling Northwest Natural Gas Company 186275 Account Number: Description: Company: State:

Last deferral reauthorization was Order 13-485 in UM 1027 Authorized in dockets UG 143 and UM 1027

7	Debit (Credit)							
m 4	Month/Year	Note	Deferral	Transfers	Interest	Interect Rate	i t	Total
9	(a)	(q)	(5)	(p)	(e)	( <del>)</del>	(6)	(h)
7	Beginning Balance							
20	Nov-11		680,279	(17,130,909)	10.605	8.618%	(16 440 026)	1 877 400
71	Dec-11		5,277,359		32.074	8.618%	5 300 433	7 126 022
72	Jan-12		2,032,497		58,553	8.618%	0.001,000	0,130,033
73	Feb-12		1,600,422		72,018	8 618%	1 672 440	10,000,122,000
74	Mar-12		2,567,972		87.504	8618%	2,655,475	10,900,523
75	Apr-12		812,518		100,271	8.618%	912,789	13,333,738
26	May-12		207,885		104,655	8,618%	312,540	14 781 126
12	Jun-12		(958,587)		102,711	8.618%	(855,876)	13,925,251
8 1	Jul-12		(1,070,812)		96,161	8.618%	(974,650)	12,950,600
£ 5	Aug-12	•	810,937		95,919	8.618%	906,856	13,857,456
S 5	Sep-12	7	250,036	(11)	100,417	8.618%	350,442	14,207,898
87	001-12 Nov. 13	•	1,357,207		106,910	8.618%	1,464,117	15,672,015
70 68	NOV-12	ກ	1,4/2,//2	(15,672,015)	4,774	7.78%	(14,194,469)	1,477,547
5 8	Dec-12		(435,221)		8,169	7.78%	(427,052)	1,050,494
ר ע ס	Fob. 12		37,75		7,127	7.78%	104,652	1,155,146
3 %	re0-13 Mar-13		(567,542)		5,649	7.78%	(561,893)	593,254
82	Anr-13		2,015,450		12,325	7.78%	2,627,775	3,221,028
88	May-13		(303,017)		17,791	7.78%	(935,925)	2,285,103
8	Jun-13		434 761		13,830	7.78%	(290,102)	1,995,001
6	Jul-13		101,464		14,344	%8/'/	449,105	2,444,106
91	Aug-13		635 017		17,233	7.78%	444,965	2,889,071
92	Sep-13		(75, 695)		21,789	7.78%	655,806	3,544,877
6	Oct-13		(1,004,017)		71,160	1.78%	(541,218)	3,003,659
3	Nov-13	•	(1,831,355)	1000	13,537	7.78%	(1,817,818)	1,185,841
, 6	NOV-13	t	106,274	(1,/5/,813)	(2,175)	7.78%	(1,287,021)	(101,180)
6 96	Dec-13		2,106,762		6,173	7.78%	2,112,936	2,011,756
26	History truncated for ease of	or pace (	of viewing					
86	, , , , , , , , , , , , , , , , , , ,	ocmo io	_					
66	NOTES							
100	1 - September balanc	e plus Oc	- September balance plus October interest on the balance transferred to account 186271 for amortization	balance transferred	to account 18627	1 for amortization		
101	2 - Transfer represent	ts a balan	- Transfer represents a balance true-up adjustment	tt	to decoding took?	ו וטו מוווטו וולמווטוו		

# History truncated for ease of viewing

### NOTES

- 1 September balance plus October interest on the balance transferred to account 186271 for amortization
  - 2 Transfer represents a balance true-up adjustment
- 3 Per Order 12-473, beginning November 2012, the October balance is transferred to 186277 for amortization
- 4 Transfer out represents the October balance prior to the error correction noted in the Q3 2013 Quarterly Deferred Accounts report. The \$540,994 deficit owed to customers remains in this account and is included in the interest calculation.

Northwest Natural Gas Company Oregon Company: State:

Deferral of Oregon Commercial Decoupling 186270 Account Number: Description:

Authorized in dockets UG 143 and UM 1027

Last deferral reauthorization was Order 13-485 in UM 1027

Debit (Credit)

Month/Year	Note	Deferral	Transfers	Interest	Interest Rate	Activity	Balance
(a)	(q)	(c)	(p)	(e)	<b>(</b> J)	(6)	(H)
Beginning Balance							
Nov-11	-	117,104	(2,434,808)	1,550	8.618%	(2,316,154)	275,865
Dec-11		1,142,978		6,085	8.618%	1,149,063	1,424,928
Jan-12		111,729		10,635	8.618%	122,363	1,547,291
Feb-12		147,614		11,642	8.618%	159,257	1,706,548
Mar-12		196,777		12,962	8.618%	209,739	1,916,287
Apr-12		(6,289)		13,738	8.618%	7,149	1,923,436
May-12		(45,443)		13,650	8.618%	(31,793)	1,891,643
Jun-12		(223,946)		12,781	8.618%	(211,165)	1,680,478
Jul-12		(433,967)		10,510	8.618%	(423,456)	1,257,022
Aug-12		200'969		11,527	8.618%	707,534	1,964,556
Sep-12		55,570		14,308	8.618%	828'69	2,034,434
Oct-12	,	(32,679)		14,483	8.618%	(21,196)	2,013,238
Nov-12	7	986,054	(2,013,238)	3,196	7.78%	(1,023,988)	989,250
Dec-12		602'888		8,378	7.78%	614,277	1,603,527
Jan-13		730,173		12,763	7.78%	742,936	2,346,463
Feb-13		(68,526)		14,991	7.78%	(53,535)	2,292,928
Mar-13		662,963		17,015	7.78%	826,629	2,972,906
Apr-13		386,448		20,527	7.78%	406,975	3,379,881
May-13		(291,502)		20,968	7.78%	(270,534)	3,109,348
Jun-13		434,358		21,567	7.78%	455,925	3,565,272
Jul-13		739,812		25,513	7.78%	765,325	4,330,598
Aug-13		642,115		30,158	7.78%	672,273	5,002,871
Sep-13		(86,000)		32,157	7.78%	(53,844)	4,949,027
Oct-13		(116,769)		31,708	7.78%	(85,062)	4,863,966
Nov-13	m	929,994	(5,104,286)	1,457	7.78%	(4,172,835)	691,131
Dec-13		1,876,823		10,565	7.78%	1,887,388	2,578,519

# History truncated for ease of viewing

### NOTES

- 1 September balance plus October interest on the balance transferred to account 186271 for amortization.
- 2 Per Order 12-473, beginning November 2012, the October balance is transferred to 186277 for amortization
- 3 Transfer out represents the October balance prior to the error correction noted in the Q3 2013 Quarterly Deferred Accounts report. The \$227,355 deficit owed to customers remains in this account and is included in the interest calculation.

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:19 PM

NW Natural
Adjustment to Actuals - Decoupling Estimate
OCTOBER 2013
Decoupling Worksheet

Total	Previously Amount to Booked Record		000				303/1100	ad <del>de</del>			Sa	1.831.35	- Lawre	<u>.</u> ná.	(2,860,469.10) 1,831,355.18		(30 122 052 4	ad it is is					سند د		نبين د		116.76	116,76
G	Amount to Record @ 100%		(5 505 20)	567 547 3	(20/212.3	(2,017,130.3)	303 031 7	(434.761.3)	(427.732.2)	(635,016.7)	562.377.2	1,831,355.18	(1,472,772.44)	435,221.02	(1,029,113.92) (2,8		/0 (21 0)	68 575 6	0,525,00	(386 448 1)	291 501 6	(434.357.5)	(739.812.2)	(642 115 2)	17(1770)	86,000.1	86,000.1 116,769.19	86,000.1 116,769.19 (986,053.63)
Allowed Margin	Rate Per Therm	Œ	0.41161	0.41161	0.1101	0.41161	0.1110	0.41161	0,41161	0.41161	0.41161	0.41161	0.41161	0,41161			0 31099	0.31099	031090	0.31099	0.31099	0.31099	0.31099	0.31099		0.31099	0.31099	0.31099 0.31099 0.31099
	Variance	(e)	(736.936.1)	1 378 835 0	(6.354.195.1)	2 317 040 0	738 397 2	(1.056,245.6)	(1,039,168.7)	(1,542,763.0)	1,366,286.6	4,449,249	(3,578,077.4)	1,057,362.6	(2,500,216)		(7 347 898 2)	220,346.5	(2 131 781 8)	(1.242,638,4)	937,334.3	(1,396,692.9)	(2,378,893.8)	(2,064,745.4)		276,536.5	276,536.5 375,476	276,536.5 375,476 (3,170,692.4)
Decoupling Period	Actual Use Normalized	(p)	57.896.219.9	48,769,650.0	34 363 379 9	30 975 830 0	18.403.032.2	8,793,716.4	7,575,483.3	7,061,132.0	10,695,981.6	26,843,463	38,759,244.6	61,267,613.6	351,404,746		30.981.913.0	27.658,784.5	21.970.511.8	16,474,698.6	13,210,607.3	7,083,082.1	5,797,219.8	6,092,402.4	1	8,502,824.5	8,502,824.5 14,822,996	8,502,824.5 14,822,996 21,567,276.6
	Baseline Total Usage	(o)	58,133,156.0	47,390,815.0	40.717.575.0	28.658.790.0	17,664,635.0	9,849,962.0	8,614,652.0	8,603,895.0	9,329,695.0	22,394,214	42,337,322.0	60,210,251.0	353,904,962		33,329,811.2	27,438,438,0	24,102,293.6	17,717,337.0	12,273,273.0	8,479,775.0	8,176,113.6	8,157,147.8	8 226 288 D	0,110,100,0	14,447,520	24,737,969.0
Decoupling Period	Actual Customers	(q)	556,831.0	557,539,0	557,775.0	557,564.0	557,244.0	556,495.0	555,784.0	555,090.0	555,339.0	557,070	556,338.0	555,958.0	"		57,784.0	57,887.0	57,827.0	57,730.0	57,621.0	57,490.0	57,336.0	57,203.0	57,127.0		57,150	57,150 57,410.0
Baseline Usage Per	Customer w/ elasticity	(a)	104.4	85.0	73.0	51.4	31.7	17.7	15.5	15.5	16.8	40.2	76.1	108.3	635.6	•	576.8	474.0	416.8	306.9	213.0	147.5	142.6	142.6	144.0		252.8	252.8 430.9
		tial	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-12	Dec-12	Total Residential	rcial	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13		Oct-13	Oct-13 Nov-12
		Residential		2	m	4	2	6			6	10		12 C	13	Commercial	14	15 F	16 N	17 4	18	•	20 )	21 #	22 \$			23 C 24 N

NW Natural
Adjustment to Actuals - Decoupling Estimate
DECEMBER 2013
Decoupling Worksheet

Total Amount to	(j)		0.00	0.00	0.00	000	800	00.00	0.00	0.00	0.00	0.00	0.00	0.00	(2,106,762.48)	(2,106,762.48)			0.00	0.00	0.00	0.00	0.00	00:00	0.00	0.00	0.00	0.00	0.00	(1,876,823.42)	(1,876,823.42)
Previously	(i)		\$0.00	0.00	0.00	0.00	000	0000	3 6	3.5	0.00	0.0	0.00	(472,967.44)	00.00	(472,967.44)			\$0.00	00.0	0.00	90.0	0.00	0.00	0.00	00.00	0.00	0.00	(929,994.12)		(929,994.12)
Amount to	(b)	6	\$0.00	0.00	0.00	0.00	000	00.0	90:00	00.0	0.00	00.0	0.00	(472,967.44)	(2,106,762.48)	(2,579,729.92)		;	\$0.00	30.0	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	(929,994.12)	(1,876,823.42)	(2,806,817.54)
Allowed Margin Rate Per Therm		000	\$0.43055	\$0.43055	\$0.43055	\$0.43055	\$0.43055	\$0.43055	\$0 43055	¢0.43055	\$0.43033 \$0.43055	\$0.43035 +0.43035	\$0.43055	\$0.43055	\$0.43055			6	\$0.30406	\$0.30406 \$0.30406	\$0.30406	\$0.3040b	\$0.30406	\$0.30406	\$0.30406	\$0.30406	\$0.30406	\$0.30406	\$0.30406	\$0.30406	#
Variance	(e)	c	5	0	0	0	0	0	· C	o c		0	0	(1,098,519)	(4,893,189)	(5,991,708)		¢	<b>&gt;</b> 0	<b>&gt;</b> (	<b>&gt;</b> 0	0	<b>)</b>	0 (	<b>.</b>	0	0	0	(3,058,588)	(6,172,543)	(9,231,131)
Decoupling Period Actual Use Normalized	(p)	c	<b>&gt;</b> (	<b></b>	0	0	0	0	С	· c	o c	<b>&gt;</b> C	0 10 00	41,462,917	006'976'55	97,389,817		c	<b>&gt;</b> C	0 0	> 0		<b>&gt;</b> (	<b>-</b>	<b>)</b>	<b>ɔ</b> '	0	0	21,636,292	28,206,509	49,842,801
Baseline Total Usage	(c)	c		<b>&gt;</b> •	0	0	0	0	0	0	· C	o c	0 000	42,361,436	680,028,00	103,381,525		c	<b>&gt;</b> C	o c	o c	o c	> 0	0	> 0	<b>)</b>	<b>)</b>	0	24,694,879	34,379,052	59,073,931
Period Actual Customers	(q)	С	· c	<b>&gt;</b> (	<b>O</b>	0	0	0	0	0	0	· C	550,000	561 580	101,105			C	o c	o c	0 0	o c	o c	o c	0 0	<b>&gt;</b> 0	<b>&gt;</b> 0	) :	57,310	57,596	
Usage Per Customer W/ elasticity	(a)	104.4	0.18	0.00	0.07	51.4	31.7	17.7	15.5	15.5	16.8	40.2	76.1	108.3	C.00.T	635.6	S	576.8	474.0	416.8	306.9	213.0	147.5	142.6	142 6	0.271	0.44.0	0,762	430.9	596.9	3,844.8
	tial	Jan-14	Feh-14	Mar-14	1d1 1.1	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-13	Dec-13		Total Residential	cial	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sen-14	Oct-14	Nov. 12	IOV-13	Dec-13	Total Commercial
	Residential	1	2 F	. ≥ I ~	. <	-		9		8 8	ۍ دې	10 C		12 D		13	Commercial	14 35	15 Fe	16 M	17 A	18 M	19		21 A	2 2	1 2		F 10		56

### **Detail of Other Deferrals**

Deferral of Intervenor Funding - ISSUE FUND Northwest Natural Gas Company Docket UM 1101 Oregon 186284 Account Number: State: Description: Company:

Last order for deferral reauthorization was Order No. 13-248

Color   Colo	Septiming Belance   (a)   (c)   (c	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Month/Year	Note	Deferral-CUB	Deferral-NWIGU	-CUB	Transfers-NWIGU	Interest (1)	Activity	Balance-CUB	Balance-NWIGU	Balance Grand Total
Bigglinus Dissolation         Discolation         Total Control Country (VA) SS1 (SS2)         (74,151)         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Beginning Balance         In traceout of the policy of	V 8 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(a)	(a)	(c1)	(2)	(d1)	(d2)	(e)	( <del>)</del>	(91)	(92)	(gtotal)
Note   1   3   1   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   2	May 13   May 14   M	8 2 2 2 2	Beginning Balance				amort account	to 186288					
Part	Dec.11   Dec.12   Dec.13   Dec.14   Dec.15   D	12 12 12	Nov-11	ო			(58,351)	(15,800)		(74.151)	C	C	
Mar-12   M	Mary 2   2   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507	27 22	Dec-11							(Text):	o c	> <	
Feb-12  Hart-12  Hart-13  Hart	High Tunner   Heal	5	Jan-12							) C	o C	) C	
Maria	Maria   Mari	?	Feb-12							o C	0 0	00	
May 12   2   3,507   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707   9,707	May 12   2   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507   3,507	74	Mar-12							) C			
May-12  Jun-12  Jun-12  Jun-12  Aug-12  Aug-1	May 12   12   12   13   14   15   15   15   15   15   15   15	75	Apr-12	7	3,507					0 703 5	0 503 6	0	i e
July 12   2   45,000   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500   1,500	Jun-12   Jun-13   J	76	May-12							700,0	3,307	<b>3</b> (	3,50/
Mail	August 2012	11	Jun-12							<b>5</b> (	3,507	<b>=</b>	3,507
Aug.12   2	Augrets         2         45,000         45,607         45,000         45,507           Cock-12         3         45,003         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007         45,007	78	Jul-12							o •	3,50/		3,507
Signature   Sign	Control of the state of the s	79	A110-12	,	45 000					0	3,507	0	3,507
Coch	Mov-12   2	2	Cen-17	1	000,01					45,000	48,507	0	48,507
Mor-12   2	Mor 12	3 5	35 JS	•						0	48,507	0	48,507
Mar-13	Nov-12   3   7,390   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)   (48,507)	10	OCC-12	۱ ۱		42,078				45,028	48,507	45.028	93,535
Dec. 12   2   7,390   4,508     Dec. 13   2   7,390   4,508     Har-13   2   7,390   4,508     Har-13   2   7,390   4,508     Har-13   2   25,000   7,390   4,508     Har-13   2   2,000   32,390   4,508     Har-13   3   2,000   32,390   4,508     Har-13   2   2,000   3,000     Har-13   3   3   3,000     Har-13   3   3   3,000     Har-13   3   3   3   3	Dec. 12	78	71-AON	ν) .			(48,507)			(48,507)	_	45 028	45,038
Pari 13   Pari 14   Pari 15   Pari	Feb-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   191-13   1	83	Dec-12	7	7,390					7 390	7 300	AE 020	30,00
Peb-13	Peb-13	84	Jan-13							0001	965,۲	42,026	52,418
Mar-13  Sep-13  Sep-13  Sep-13  Sep-13  Nov-13  Sep-13  Nov-13  Mar-13  Mar-13	Mar-13  Jun-13  Jun-13  Jun-13  Jun-13  Jun-13  Jun-13  Z5,000  Z5,000  Z5,000  Z2,390  Z2,390	85	Feb-13							0	7,390	45,028	52,418
Apr.13 Apr.13 Apr.13 Jul. 2  25,000  Asy.23  Aug.13  Jul. 13  2	Apr-13 Apr-13 Apr-13 Apr-13 Apr-13 August 2012 - see order 12-388 October 2013 - see order 12-389 October 2013 - see order 12-473 Univ 2013 - see order 12-389 October 2013 - see order 13-369	86	Mar-13							0 0	065,7	42,028	52,41
May-13   M	May-13	87	Anr-13							0	7,390	45,028	52,41
10	10-11   2   25,000   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390   7,390	3 &	May-13							0	7,390	45,028	52,418
Juli 13 2 25,000 37,390 45,028 44,028 25,000 32,390 45,028 44,023 25,000 32,390 45,028 44,023 25,000 32,390 45,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028 65,028	Jul-13   2   25,000   2,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   23,390   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500   24,500	3 8	11dy 13							0	7,390	45,028	52.41
August 2012 - see order 12-298 October 2013 - see order 13-375 October 2013 - see order 13-369	August 2012 - see order 12-298  October 2012 - see order 12-388  October 2012 - see order 12-388  October 2013 - see order 13-359	8 6	Jun-13	ć	L					0	7,390	45,028	52.418
Aug-13 2 20,000 32,390 45,028 Cot-13 2 20,000 32,390 45,028 Cot-13 3 20,000 32,390 45,028 Cot-13 3 20,000 32,390 45,028 Cot-13 3 20,000 32,390 45,028 Cot-13 20,000 32,390 45,028 Cot-13 20,000 32,390 45,028 Cot-13 20,000 32,390 45,028 Cot-12 20,000 32,390 45,028 Cot-12 20,000 32,390 45,028 Cot-12 20,000 32,390 65,028 Cot-12 20,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390 65,000 32,390	April 2 20,000 22,390 20,000 32,390 0ct-13 3 2 20,000 32,390 0ct-13 3 3 20,000 32,390 (45,028) (77,418) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	₹ 8	CI-IDC	7	72,000					25,000	32,390	45,028	77.41
Sep-13 2 20,000 22,390 45,028	October 2013	7.	Aug-13							0	32,390	45 028	77 418
Oct-13 2 20,000 27,730 65,028	Nov-13 3 2 20,000 27,130	95	Sep-13							C	32 390	45.078	27.7.7
Nov-13 3 (32,390) (45,028) (77,418) 05,028 (77,418) 05,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20,000 (20	Nov-13 3  Nov-13 3  Dec-13  History truncated for ease of viewing  NOTES  1 - No interest is applied to this activity 2 - Payments made in: April 2012 - see order 12-138  October 2012 - see order 12-388  December 2012 - see order 12-473  July 2013 - see order 13-755  October 2013 - see order 13-369	93	Oct-13	7		20,000				۵۰۰۰ مر م	32,300	070,070	14'//
History truncated for ease of viewing  History truncated for ease of viewing  NOTES  1 - No interest is applied to this activity  2 - Payments made in:     April 2012 - see order 12-116     August 2012 - see order 12-388     October 2012 - see order 12-473     July 2013 - see order 12-473     July 2013 - see order 13-275     October 2013 - see order 13-369	History truncated for ease of viewing  NOTES  1 - No interest is applied to this activity  2 - Payments made in: April 2012 - see order 12-116 August 2012 - see order 12-388 October 2012 - see order 12-388 December 2012 - see order 12-388 December 2012 - see order 13-389 October 2013 - see order 13-375 Outober 2013 - see order 13-275 October 2013 - see order 13-375	¥	Nov-13	m			(32,390)	(45,028)		(77.418)	056,26	02,020	97,418
History truncated for ease of viewing  NOTES  1 - No interest is applied to this activity  2 - Payments made in:     April 2012 - see order 12-18     Adulat 2012 - see order 12-38     October 2012 - see order 12-38     December 2012 - see order 12-38     December 2013 - see order 12-375     October 2013 - see order 13-375     October 2013 - see order 13-369	NOTES  1 - No interest is applied to this activity  2 - Payments made in: April 2012 - see order 12-116 August 2012 - see order 12-298 October 2012 - see order 12-38 December 2012 - see order 12-473 July 2013 - see order 13-375 October 2013 - see order 13-369	95	Dec-13				(2.2./)	(070/01)		(0TL'//)	> 0	20,000	20,007
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		103	April 2012 - se	e order 12-	.116								
		104	August 2012 -	see order 1	12-298								
		105	October 2012 -	- coo order	17,300								
		} {	Desember 201.	שלכי כו עלי	000-71								
		3 :	הברבוווחבו לחד	nin aas - 7	er 12-473								
		107	July 2013 - see	e order 13-2	275								
		108	October 2013 -	- see order	13-369								
001		100											

ORDER NO.

13 369

ENTERED

OCT 1 4 2013

### BEFORE THE PUBLIC UTILITY COMMISSION

OF OREGON

UM 1635

In the Matter of

NORTHWEST NATURAL GAS COMPANY, dba NW NATURAL -

**ORDER** 

Mechanism for Recovery of Environmental Remediation Costs.

### DISPOSITION: ISSUE FUND GRANT REQUEST APPROVED

On September 30, 2013, the Northwest Industrial Gas Users (NWIGU) filed a Request for Payment of a Northwest Natural Gas Company, dba NW Natural Issue Fund Grant. Section 7.3 of the Second Amended and Restated Intervenor Funding Agreement (Agreement), adopted by the Commission in Order No. 12-452¹, governs the procedures for payment of Issue Fund Grants. NWIGU was precertified to receive Issue Fund Grants on February 3, 2004, in Order No. 04-055.

NWIGU asks for a final payment of \$20,000 from the NW Natural Issue Fund. Under the Agreement, the Request for Payment must:

- 1) Itemize the expenses, payees and hourly rates of amount to be reimbursed;
- Demonstrate that the expenses are reasonable and are directly attributable to issues and positions pursued on behalf of a particular customer class and consistent with the intervenor's proposed budget;
- 3) Provide information sufficient to show that the intervenor has complied with any conditions imposed on the Issue Fund Grant; and
- 4) Specify whether the request for payment is for a progress payment or a final payment and indicate whether any approved budget amount may be released back to the applicable Issue Fund.

¹ Order No. 12-452 was subsequently supplemented by Order No. 13-317 to include Exhibits A, B, and C.

Further, under the terms of the Agreement, NWIGU must establish that it has "used inhouse resources or outside funding for at least 20 percent of the Eligible Expenses for an Eligible Proceeding." Agreement at 19. NWIGU provided the required documentation in its request.

The Agreement provides that the Commission shall make a determination in each proceeding as to how the participating utilities are to recover the funding grants from the various customer classes. Under Section 7.7(b), Issue Fund Grants should be allocated so as to fairly align the costs of the advocacy with the intended potential beneficiaries of the advocacy. Agreement at 21. We have considered the intended beneficiaries, and find that the issue fund expenditures should be allocated to NW Natural's industrial customers.

We find that NWIGU has met the requirements of the Agreement, and its request should be approved. Section 7.8 of the Agreement provides that the utility shall pay the Issue Fund Grant to the requesting intervenor within 30 days after receipt of Commission directive.

### **ORDER**

### IT IS ORDERED that:

- 1. The Northwest Industrial Gas Users has met the requirements of the Second Amended and Restated Intervenor Funding Agreement, and its request is approved.
- 2. Northwest Natural Gas Company, dba NW Natural shall pay \$20,000 from the NW Natural Issue Fund to the Northwest Industrial Gas Users within 30 days after receipt of this Order, and the grant shall be assessed to NW Natural's industrial customers.

Made, entered, and effective

OCT 1 42013

Susan K. Ackerman

Chair

John Savage

Commissioner

Stephen M. Bloom

Commissioner

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:32 PM

Northwest Natural Gas Company Oregon Deferral of CUB Intervenor Funding 186276 Docket UM 1101 Last order for deferral reauthorization was Order No. 13-248 State: Description: Account Number: Company:

77 7	Debit (Credit)						
ω 4	Mon	Note	Deferral	Transfers	Interest (1)	Activity	Ratance
9	(a)	(q)	(c)	(p)	(e)	(J)	(b)
7	Beginning B						
2 3		m	0	(22,500)		(57,500)	C
7			0			0	· C
7,5		7	27,500			57.500	57 500
75			0			000/	57,750
74			0			o c	57,500
75			0			<b>&gt;</b> C	57,500
76			0			o c	57,500
77	•		0			o c	57,500
78			0			<b>&gt;</b> C	005/75
79	Aug-12		0			0 0	005,75
8			0			o c	005,75
81			0			o c	27,500
82		m	0	(57.500)		(57 500)	00c//c
83			0			(000, 10)	0 0
84		7	66,125			66 175	0 20 33
85			0			00,12	66,125
86			0			o c	00,125
87	Apr-13		0			o c	00,125
88	May-13		0			o c	00,125
89	Jun-13		0			<b>&gt;</b> C	00,123
96	Jul-13		0			<b>-</b>	66,125
91			0			o c	66,123
92			0			<b>&gt;</b> C	66,125
93	Oct-13		0			o c	00,123
8		m	0	(66,125)		(66 125)	00,125
95	Dec-13		0			(627/20)	<b>O</b> C
<b>%</b>						>	>
46	History truncated for ease of viewing	or ease of vi	ewing				
86			i				
<b>6</b> 6							
100	1 - No interest is applied to this activity	ied to this act	ivity				
101	2 - Downstom						
103		; ordor 12 000					
5 4		order 13-002					
105		700 (1) 1000					
106	3 - October balance transferred to account 186286 for amortization	ansferred to	account 186286 for	amortization			

# History truncated for ease of viewing

- NoTES

  1 No interest is applied to this activity

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:32 PM

186278 Docket UM 1101 Last order for deferral reauthorization was Order No. 13-248 Deferral of NWIGU Intervenor Funding Northwest Natural Gas Company Account Number: Description: Company: State:

	Debit (Credit)						
ν м							
4	Month/Year	Note	Deferral	Transfers	Interest (1)	Activity	Balance
ıs v	(a)	(p)	(၁)	(p)	(e)	(t)	(6)
^	Beginning Balance						
70	Nov-11	m	0	(3.112)		(3.112)	C
71	Dec-11		0	()-)		(311/5)	> C
72	Jan-12		0			0	) C
23	Feb-12		0			0	0
74	Mar-12		0			0	0
75	Apr-12	,	0			0	0
9 1	May-12	7	8,593			8,593	8,593
\ X	Jun-12		00			0 (	8,593
2 2	Aug-12		o c			<b>&gt;</b> c	8,593
80	Sep-12		0			<b>&gt;</b> C	8,593
81	0ct-12		0			> c	0,797 8,593
85	Nov-12	m	0	(8,593)		(8 593)	JEC. 10
83	Dec-12	7	51,194	(		51,194	51.194
\$	Jan-13		0			0	51.194
82	Feb-13		0			0	51,194
98	Mar-13		0			0	51,194
87	Apr-13	7	1,625			1,625	52,819
88 8	May-13		0			0	52,819
8 8	Jun-13		0			0	52,819
3 2	Jul-13		0 (			0	52,819
7.	Aug-15		o •			0	52,819
3 %	Sep-13	r	0 [0			0	52,819
3 5	Mou 12	۷ •	75077	6		2,057	54,876
¥ %	Nov-13 Dec-13	4	<b>o</b> c	(52,819)		(52,819)	2,057
8 8	3		>			0	2,057
26	History truncated for ease of viewing	or ease of	viewing				
86 8							
3, 5	1 - No intersect is applied to this activity	cidt of for	400				
3 5	אס ווונכובאר וא מאאו	בנת כם מווצ	acuvity				
102	2 - Payments made in:						
103	May 2012 - see order 12-137	order 12.	137				
101	Dec 2012 - see order 12-482	order 12-	487				
105	Apr 2013 - see order 13-105	order 13-	105				
106	Oct 2013 - see order 13-363	order 13-3	363				
107	of control and	4		:			
109	Course balance dalisteried to account 186288 for amortization	alisiei eu	to account 185288 TO	r amortization			
110	4 - Transfer September NWIGU balance to 186288 amortization account.	r NWIGU	balance to 186288 an	nortization account.			
111	The October NWIG	U paymen	The October NWIGU payment was not made until after the OPUC approved amortization of deferred balances;	after the OPUC app	proved amortization	of deferred balances;	
112	therefore, the \$∠,∪	57 will be	theretore, the \$2,057 will be inlcuded in the 2014-15 PGA.	15 PGA.			

## History truncated for ease of viewing

### NOTES

### 2 - Payments made in:

DCT 1 4 2013

### BEFORE THE PUBLIC UTILITY COMMISSION

### OF OREGON

UM 1357 (46)

In the Matter of

NORTHWEST INDUSTRIAL GAS USERS

**ORDER** 

Request for Intervenor Funding.

### DISPOSITION: MATCHING GRANT REQUEST APPROVED

On September 30, 2013, the Northwest Industrial Gas Users (NWIGU) filed a Request for Payment of Preauthorized Matching Grant. Section 7.2 of the Second Amended and Restated Intervenor Funding Agreement (Agreement), adopted by the Commission in Order No. 12-452¹, governs the procedures for payment of Matching Fund Grants. Funds from the Northwest Natural Gas Company, dba NW Natural Preauthorized Matching Fund Account are available for use exclusively by NWIGU. NWIGU was precertified to receive Matching Fund Grants on February 3, 2004, in Order No. 04-055.

NWIGU asks for \$2,057.03 from the NW Natural Preauthorized Matching Fund Account. Under the terms of the Agreement, NWIGU must establish that it has used in-house resources or outside funding for at least 50 percent of the Eligible Expenses for an Eligible Proceeding. NWIGU provided the required documentation in its request.

Section 7.7 of the Agreement provides that the Commission shall make a determination in each proceeding as to how the participating utilities are to recover the funding grants from the various customer classes. Section 7.7(b) of the Agreement provides that the Preauthorized Matching Grants shall be allocated and charged to industrial customers.

We find that NWIGU has met the requirements of the Agreement, and its request should be approved. Section 7.2 of the Agreement provides that the utility must pay the Preauthorized Matching Grant to the requesting intervenor within 30 days after receipt of Commission directive.

¹ Order No. 12-452 was subsequently supplemented by Order No. 13-317 to include Exhibits A, B, and C.

### **ORDER**

### IT IS ORDERED that:

- 1. The Northwest Industrial Gas Users has met the requirements of the Second Amended and Restated Intervenor Funding Agreement, and its request is approved.
- 2. Northwest Natural Gas Company, dba NW Natural shall pay \$2,057.03 from the NW Natural Preauthorized Matching Fund to the Northwest Industrial Gas Users within 30 days after receipt of this order, and the grant shall be assessed to NW Natural's industrial customers.

Made, entered, and effective

OCT 1 4 2013

Susan K. Ackerman

Snom K. Arkerna

. Chair

John Savage

Commissioner

Stephen M. Bloom

Commissioner



Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:33 PM

Northwest Natural Gas Company

Oregon
Defernal of the revenue requirement related to the implementation of automated meter reading 186308
Docket UM 1413
Last order for deferral reauthorization was Order No. 12-047 Company: State: Description: Account Number: Info:

(Credit)
Debit

Column   C	(a) Beginning Balan Feb-11 Mar-11 May-11 Jun-11 Jun-11 Aug-11 Aug-11 Sep-11	5)	(p)	(e)	(f)	(9)	(a)	Balance (i1)	Balance (12)	Balance (i3)	Balance (14)	Balance (i5)
100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	Beginning Balance Feb-11 Mar-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 CCt-11 2	103,006 95,166 99,594						(*·)	(4)	(2)	E)	<u>(a)</u>
370   8 618%   103.376   2,104.666   199,625   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626   199,626	Feb-11 Mar-11 May-11 Jul-11 Jul-11 Aug-11 Cep-11	103,006 95,166 99,594										
1,004   8,618%   103,376   2,008,445   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,376   103,3		103,006 95,166 99,594										
1,084   6,01879   9,005.70   2,006.454   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1013.376   1		95,166		UZE	0 6100/	750 001	000					
## 1792 8.158% 10,1385 2,206,081 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,012 301,0		99,594		1.084	8.010%	103,376	2,008,445			103,376		
3 2,572 8,618% 9,500 2,200,000 1 3,176 8,618% 9,500 2,200,000 1 3,187 8,618% 9,500 2,200,000 1 3,187 8,618% 9,500 2,200,000 1 3,187 8,618% 9,500 2,200,000 1 3,187 8,618% 9,500 2,200,000 1 3,187 8,618% 9,500 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,2				1 792	8 618%	101 205	2,104,090			199,626		
1176   8.618%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.518%   8.5		97,463		2,512	8.618%	99 975	2,200,001			301,012		
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		82,430		3,176	8.618%	85,607	2 391 663			185,004		
4 512		92,897		3,851	8.618%	96.747	2,331,003			420,084		
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(32)   (5/25)   (6/18%   10/08)   (7/25)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28)   (6/18%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/28%   10/28)   (7/		78,548		5,147	8618%	83,605	7407797			677,272		
9 45,1556 9 6,290 9 6,18% 9 6,299 9 8,618% 9 6,299 9 18,905 9 18,505 9 1,259 9 18,505 9 1,259 9 18,505 9 1,259 9 18,505 9 1,259 9 18,505 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,259 9 1,2		74,986	(32)	5 735	0,010/0	000,000	2,000,030			760,967		
1,756   8,618%   6,789   2,886,272   911,505     1,756   8,618%   65,289   2,886,273   1,046,233     1,756   8,618%   7,534   3,005,405     2,789   8,618%   7,549   3,005,405     3,716   8,618%   7,549   3,744,046     3,716   8,618%   7,293   3,448,371     3,716   8,618%   7,293   3,448,371     3,716   8,618%   6,528   3,565,594     0	Nov-11	62 959	(30)	7,7	0.01070	80,089	2,/45,/20			841,656		
7.269 8.618% 655,298 2,886,222 981,303 7.752 8.618% 655,039 2,886,222 1,046,233 7.552 8.618% 655,030 3,025,011 7.550 8.618% 655,030 3,026,465 8.618% 65,030 3,046,455 8.618% 65,030 3,046,455 8.618% 65,030 3,046,455 8.618% 65,030 3,046,455 8.618% 65,030 3,046,455 8.618% 65,031 3,735,468 8.618% 65,031 3,735,468 8.618% 65,032 3,066,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594	Dec-11	001 83		062,0	0.018%	647'4/	2,820,974			915,905		
4 752 8.618% 65,434 3027,132 1,046,233 (615,292) 8.618% 65,444 3,027,132 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,046,233 (615,292) 1,0	Jan-12	50,503		6,789	8.618%	65,298	2,886,272			981,203		
7.5.2 8.618% 75,709 3,027 011  6 1,1269 8.618% 69,445  1,1797 8.618% 69,441  2,177 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 69,121  3,176 8.618% 65,124  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594	Feh-12	7.7.7.C		057/	8.018%	65,030	2,951,302			1,046,233		
1,759 8.618% 75,344 3.066,465  1,759 8.618% 75,344 3.066,465  2,277 8.618% 65,234 3.305,237  2,748 8.618% 65,234 3.305,237  3,256 8.618% 65,234  4,339 8.618% 65,554  0 7,78% 65,554  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594  0 7,78% 0 3,565,594	Mar-12	766,47		757	8.618%	75,709	3,027,011				75,709	
1,209   8,618%   75,534   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,171,999   3,	Apr-12	107,00		05/	8.618%	69,454	3,096,465				145,163	
2,277 8,618% 72,046 3,244,046 2,277 8,618% 62,192 3,306,237 2,748 8,618% 62,231 3,375,468 2,748 8,618% 62,231 3,375,468 2,748 8,618% 62,231 3,375,468 2,748 8,618% 62,567 3,506,398 2,748 6,618% 62,567 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594	M2/-12	97,47		1,269	8.618%	75,534	3,171,999				220,697	
2,277 8.618% 63.192 3.306.237 2,7427 8.618% 63.192 3.306.237 2,748 8.618% 63.233 3.735,468 3,256 8.618% 5.557 3.503.938 4,139 8.618% 62,656 3,565,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594	Tray - 12	70,230		1,797	8.618%	72,046	3,244,046				292,743	
2,748 8.618% 69,231 3,375,468  2,748 8.618% 69,231 3,375,468  1	7117	39,913		7/77	8.618%	62,192	3,306,237				354 935	
3,256 8,618% 72,503 3,448,371  3,456 8,618% 72,503 3,448,371  4,439 8,618% 6,556 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594  0 7,78% 0 3,566,594	Jul-12	50,483		2,748	8.618%	69,231	3,375,468				474 166	
1 8.5156 8.618% 55,567 3,503,938 4,139 8.618% 55,567 3,503,938 4,139 8.618% 62,656 3,566,594 0 7,78% 0 3,566,594 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0		69,647		3,256	8.618%	72,903	3,448,371				497,069	
1,139 8,618% 62,656 3,566,594 0 7,78% 0 3,566,594 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,78% 0 7,		51,851		3,716	8.618%	25,567	3,503,938				550,155	
0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594) 0 7.78% (3,566,594) 0 7.78% (3,566,594)	VCI-12	58,517		4,139	8.618%	62,656	3,566,594				615,200	
0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594) 0 7.78% (3,566,594) 0 7.78% (3,566,594)	NOV-12	0 (		0	7.78%	0	3,566,594				615,232	
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0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594)	rep-13	0 (		0	7.78%	0	3,566,594				615 202	
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0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594) 0 0 3,665,594 0 7.78% (3,566,594) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May-12			0	7.78%	0	3,566,594				615 292	<i>,</i> C
0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594) 0 7.78% (3,566,594) 0 7.78% (3,566,594)	7/dy-13			0	7.78%	0	3,566,594				615 292	<i>-</i>
0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594) 0 3,666,594 0 7.78% (3,566,594) 0 0 7.78%	Jul 12	·		0	7.78%	0	3,566,594				615 292	<i>a</i>
2) (615,292) 0 7.78% 0 3,566,594 0 7.78% 0 3,566,594 0 7.78% (3,566,594) 0 0 7.78% (3,66,594) 0 0 1.78% (3,66,594)	Aug-12			0	7.78%	0	3,566,594				615 292	<i>,</i> C
0 7.78% 0 3,566,594 2) (615,292) 0 7.78% 0 3,566,594 3) (615,292) 0 7.78% (3,566,594) 0 7.78% (3,566,594) 0	Aug-13	o (		0	7.78%	0	3,566,594				615,252	<i>)</i> (
2) (615,292) 0 7.78% 0 3,566,594 2) (615,292) 0 7.78% (3,566,594) 0 7.78% (3,566,594) 0	24-13 24-13			0	7.78%	0	3,566,594				615,232	
2) (615,292) 0 7.78% (3,566,594) 0 0 7.78% (3,566,594) 0				0	7.78%	0	3,566,594				615,232	<i>&gt;</i> c
History truncated for ease of viewing  NOTES  1. Deferrals are authorized on a raienthar wear. The total balance is broken down into the 2 concept of the content of the co		(2,951,302)	(615,292)	0	7.78%	(3,566,594)	0				767/610	00
History truncated for ease of viewing  NOTES  1 Deferrals are authorized on a calendar year. The total balance is broken down into the 2 constant deferrals.	Dec-13	0		0	7.78%		0				>	)
History truncated for ease of viewing  NOTES  Deferrals are authorized on a calendar year. The total balance is broken down into the 2 concerns deferrals are authorized on a calendar year.												
	History truncated	for ease of viewing										
1 Deferrals are authorized on a calendar year. The total halance is broken down into the 2 concents deferral are authorized on a calendar year.												
The contract of the contract o	1 Deferrals	are authorized on a calend,	lar year. The total bala	nce is broken down	into the 2 separate of	teferral vears for co	monianos of review					

### History truncated for ease of viewing

### NOTES

Deferrals are authorized on a calendar year. The total balance is broken down into the 2 separate deferral years for convenience of review A \$3.696 total true-up adjustment for the Septemeber deferral and interest was recorded in October 2012 to reflect actual expenditures. The 2012 deferral balance was moved to account 186307 for amortization.

186232 Docket UM 1420 13-14 Deferral approved in Order 13-169 Northwest Natural Gas Company Oregon Deferral of Industrial DSM Costs State: Description: Account Number: Company:

Debit (Credit)

1 2	Debit (Credit)											
1 W 4	Month/Year	Note	Deferral	Transfers	TOTAL Interest	Interest Rate	Mar 12 - Feb 13 Interest	Mar 13 - Feb 14 Interect	A this site	TOTAL	Mar 12 - Feb 13	Mar 13 - Feb 14
5	(a)	(p)	(၁)	(p)	(e)	(e1)	(e5)	(ee)	ACUVILY (f)	(g)	talance (g4)	Balance (q5)
7	Beginning Balance										i.	
39		-	0	(1,798,220)	13,993	8.618%			1355 105 17	1 060 400		
8			0		14,094	8.618%			(077,401,1)	1,902,493		
41			0		14,195	8.618%			14,04	1,9/6,58/		
45		7	0	27	14,297	8.618%			14,195	7,005,105		
43			0		0	8.618%	C		17,72	2,003,103	<	
4			0		0	8.618%			0	2,005,105	<b></b>	
45			0		0	8.618%	o C		> 0	2,005,105	O (	
46	Jun-12		0		· C	8 618%	o c		<b>)</b>	2,005,105	0	
47	Jul-12		538,172		1 932	8.518%	1 000		0 .0	2,005,105	0	
48	Aug-12		0		3,879	8 618%	256,1		540,104	2,545,210	540,104	
49			0		2,0,2	0.010%	5,679		3,879	2,549,089	543,983	
20			538,172		5,867	8 618%	3,907		3,907	2,552,995	547,890	
51		-		(2 005 105)	7,00,7	0.01070	708/5		544,039	3,097,035	1,091,929	
52		ľ	538.177	(5,000,100)	6/0//	7.78%	6/0′/		(1,998,026)	1,099,009	1,099,009	
53			0		0,0/0	7.70%	0/8/8		547,042	1,646,050	1,646,050	
54			0		10,072	7.00/0	10,6/2		10,672	1,656,722	1,656,722	
55		I	C		10,71	0/0//	10,741		10,741	1,667,463	1,667,463	
26			575 946		1 967	7.78%	0 (	0	0	1,667,463	1,667,463	0
57			010/5		1,00/	7.78%	0 (	1,867	577,813	2,245,276	1,667,463	577,813
82			0 0		3,740	7.78%	0 (	3,746	3,746	2,249,023	1,667,463	581,559
59			575.946		5,662	7.70%	<b>&gt;</b> 0	3,770	3,770	2,252,793	1,667,463	585,330
8	4		0		7,002	0/.0/./	<b>)</b>	799'5	581,608	2,834,401	1,667,463	1,166,938
61	Sep-13		0		7,500	7.700%	0 0	7,566	2,566	2,841,967	1,667,463	1,174,503
62	Oct-13		575.946		0.531	0/.0//	) (	7,615	7,615	2,849,581	1,667,463	1,182,118
63	Nov-13	-	0	(1.667.463)	11,460	7.700/	<b>&gt;</b> 0	9,531	585,477	3,435,058	1,667,463	1,767,595
2	Dec-13		o	(001/100/4)	11,534	7.70%	0	11,460	(1,656,004)	1,779,055	0	1,779,055
65			•		100/11	0.707.7	>	11,534	11,534	1,790,589	0	1,790,589
99	History truncated for ease of viewing	for ease	of viewing									
29	•											
89	NOTES											
69	1 - Transfer February balance of prior year to 186233 Amort Industrial	y balance	of prior year to	o 186233 Amort Ir	idustrial DSM for	amortization (	DSM for amortization (see note below)					
3 2	<ul> <li>I dissert represents a balance true-up adjustment.</li> </ul>	nts a bala	ance true-up ad	justment.								
72	Deferrals are authorized on a program year (Mar - Feb). The total balance is broken down into separate deferral years for convenience of residual	zed on a	program year (	Mar - Feb). The to	ital balance is by	oken down int	o senarate deferral	Wears for convenie				

## History truncated for ease of viewing

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

Oregon Earnings Sharing Deferral 254303 Docket UM 903 Deferral for 2011 earnings sharing issued in Order 12-278 Northwest Natural Gas Company Description: Account Number: Info: Company: State:

Debit (Credit)

ω 4	Month/Year	Note	Deferral	Transfers	Interect Date			Total
א ט	(a)	(q)	(c)	(p)	(e)	(f)	(g)	(h)
0 / 0	Beginning Balance	Ф						
œ								
σ	Jan-12		(982,000)		8.618%	(2,460)	(687.460)	(687 460)
10	Feb-12				8.618%	(4,937)	(4 937)	(607,700)
11	Mar-12		ı		8.618%	(4 973)	(4 077)	(155,351)
12	Apr-12		t		8.618%	(5,008)	(5,008)	(505,169)
13	May-12				8.618%	(5,044)	(5,000)	(702,377)
14	Jun-12		ŧ		8,618%	(5.080)	(5,080)	(712, 721)
15	Jul-12		ŀ		8.618%	(5.117)	(5,117)	(717,519)
16	Aug-12		ľ		8.618%	(5,154)	(5,154)	(777,777)
17	Sep-12		•		8.618%	(5,191)	(5.191)	(277,963)
18	Oct-12			(1)	8.618%	(5,228)	(5,224)	(733 192)
19	Nov-12	<b>.</b>		733,192	7.78%	0	733 192	(301/00/)
70	Dec-12				7.78%	0	701/22	) C
21	Jan-13				7.78%	0	0	) C
22	Feb-13				7.78%	0	0	o c
23	Mar-13				7.78%	0	0	· C
24	Apr-13				7.78%	0	· C	o C
25	May-13				7.78%	0	o c	<b>&gt;</b> C
56	Jun-13				7.78%	) C	o c	<b>&gt;</b> C
27	Jul-13				7.78%	0	) C	o c
78	Aug-13				7.78%	C	· C	o c
53	Sep-13				7.78%	) C	o c	) C
30	Oct-13				7.78%	o c	0 0	) C
31	Nov-13				7.78%	) C	o c	<b>&gt;</b> C
32	Dec-13				7.78%	) C	o c	<b>O</b>
33						>	0	>
34	ž	NOTES						
35	1 - Transfer October balance to 186279 for	balance t	to 186279 for amortization.	zation.				

Northwest Natural Gas Company Dockets UG 204 and UM 1520 Gas Reserves Credit Oregon 191440 Account Number: Description: Company: State: Info:

Debit (Credit) 7 7 1

Interest (e)
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Interest Rate Intere (e) (f) (f) 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78% 7.78%
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Interest (f) (2,888) (3,203) (3,530) (3,530) (3,873) (4,231) (4,606) (5,005) (5,005) (5,874) (6,793) (7,261)

### NOTES

1 - Deferral represents the change in carrying costs between UG 152 and UG 221 between June 2011 when Encana activity first began and October 2012. Per the UM 1520 stipulation, parties agreed that the change in the Company's cost of capital in the next rate case would be retroactively applied to the beginning of Encana activity. 24 25 26 27 27 28 28 29 30

2 - Transfer October balance to 191442 for amortization.

1 2	Debit (Credit)							
$\sim$				,				Total
4	Month/Year	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Balance
2	(a)	(q)	(c)	(p)	(e)	(J)	(6)	(h)
2 /	Beginning Balance	д						
	, , , , , , , , , , , , , , , , , , ,	2						
6	May-13	-	(2,664,215)				(2,664,215)	(2.664.215)
10	Jun-13		0				0	(2.664.215)
11	Jul-13		0				0	(2,664,215)
12	Aug-13		0				0	(2,664,215)
13	Sep-13		0				0	(2,664,215)
14	Oct-13	7	(981,384)				(981,384)	(3.645.599)
15	Nov-13	ო		3,645,599			3,645,599	0
16	Dec-13		0	•			0	· C
17							•	•
18	Notes:							
19	1 - Deferral repre	esents the n	1 - Deferral represents the net gain on sales of Tualatin and South Center properties (Order No. 13-196)	alatin and South	Center properties (Or	der No. 13-196)		
20	2 - Deferral repre	esents the n	2 - Deferral represents the net gain on sale of Central properties (Order No. 13-358)	tral properties (0	rder No. 13-358)			
21	3 - Transfer Octo	ber balance	3 - Transfer October balance to 254315 for amortization.	zation.				

(Gains)/Losses on Property Sales

254305

Account Number: Info:

Description:

Company: State:

Northwest Natural Gas Company

Oregon

Dockets UP 208, UP 287, UP 290 Orders 13-196, 13-358

Northwest Natural Gas Company	Oregon	Working Gas Deferral	191030	Docket UM 1651
Company:	State:	Description:	Account Number:	Info:

191030 Docket UM 1651 Order 13-349

Debit (Credit)

κ								Total
4	Month/Year Note	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Polai
9	(a)	(q)	(c)	(p)	(e)	(f)	(9)	(h)
7	Beginning Balance	nce						
8								
6	Nov-12		515,700		7.78%	1 672	C12 273	747
10	Dec-12		700,200		7 78%	2,0,1	2/5/15	517,372
11	Jan-13		660,150		2000	0/7/2	704,470	1,419,842
1 1	Eob. 12		000,130		0/,8/./	5,494	665,644	1,885,486
7 7	1 ED-13		549,000		7.78%	889′6	558,688	2,444,174
13	Mar-13		484,200		7.78%	13,794	497,994	2,942,168
14	Apr-13		366,300		7.78%	17,034	383 334	3 325 502
15	May-13		247,050		7 78%	10.876	100,000	2,02,020
16	Jun-13		173 700		2001:1	0/0/67	976,997	3,592,428
17	Jul-12		173,700		1.78%	22,123	195,823	3,788,251
) T	Jul-15		162,000		7.78%	23,816	185,816	3,974,067
07	Aug-15		162,450		7.78%	25,087	187,537	4 161 604
19	Sep-13		168,300		7.78%	26.311	194 611	4 356 215
70	Oct-13		310,950		7.78%	27 080	220,020	1,000,1
21	Nov-13	-		(1 605 151)	2001	51,703	220,239	4,695,154
;	Doc 12	•	<b>&gt;</b> (	(+CT'C60'+)	1.78%	0	(4,695,154)	0
77	UCC-13		0		7.78%	C	` c	C
23					•	>	>	>
24								
25	NOTES							
56	1 - Transfer October balance	tober ba	lance to 191031 fo	e to 191031 for amortization.				

NOTES

1 - Transfer October balance to 191031 for amortization.

### Detail of Environmental Deferrals

NW Natural Oregon Quarterly Deferred Report 4th Quarter 2013 Environmental Account Detail

Account	Year/Mont	h Assignment	Document #	Amariat	Taut	*			
186145	2013/10	200391-01-01	100889976	Amount	WBS 200391-01-01	Invoice Reference		Balance	Running
186145	2013/10	200391-01-02	100889977		WBS 200391-01-01 WBS 200391-01-02	100889976	September Balance =>	123,884,822.01	123,984,130.66
186145	2013/10	200391-01-03	100889978		WBS 200391-01-02	100889977 100889978			124,128,682.21
186145	2013/10	200391-01-08	100889979		WBS 200391-01-08	100889979			124,135,498.35
186145	2013/10	200391-01-09	100889980		WBS 200391-01-09	100889980			124,144,968.35
186145	2013/10	200391-01-10	100889981		WBS 200391-01-10	100889981			124,163,201.85
186145	2013/10	200391-01-11	100889982		WBS 200391-01-11	100889982			124,286,701.18
186145	2013/10	200391-01-12	100889993		WBS 200391-01-12	100889993			124,295,003.18
186145	2013/10	200391-01-13	100889995	33,954.84	WBS 200391-01-13	100889995			124,317,233.71 124,351,188.55
186145	2013/10	200391-01-31	100890012	-859,255.00	WBS 200391-01-31	100890012			123,491,933.55
186145	2013/10	200391-01-31	100890407	390,471.37	WBS 200391-01-31	100890407			123,882,404.92
186145	2013/10	200391-02-01	100889983	-5,640.95	WBS 200391-02-01	100889983			123,876,763.97
186145 186145	2013/10	200391-02-02	100889984		WBS 200391-02-02	100889984			123,854,668.28
186145	2013/10 2013/10	200391-02-03	100889985		WBS 200391-02-03	100889985			123,848,029.07
186145	2013/10	200391-02-04 200391-02-04	100889986		WBS 200391-02-04	100889986			123,827,592.58
186145	2013/10	200391-02-04	100890383		WBS 200391-02-04	100890383			123,823,338.58
186145	2013/10	200391-02-05	100889987 100890384		WBS 200391-02-05	100889987			121,773,447.14
186145	2013/10	200391-02-06	100889988		WBS 200391-02-05	100890384			121,771,752.87
186145	2013/10	200391-02-06	100890385		WBS 200391-02-06 WBS 200391-02-06	100889988			121,636,936.79
186145	2013/10	200391-02-07	100889989		WBS 200391-02-07	100890385			121,637,486.94
186145	2013/10	200391-02-07	100890386		WBS 200391-02-07	100889989			104,156,838.80
186145	2013/10	200391-02-09	100889996		WBS 200391-02-09	100890386 100889996			104,199,021.36
186145	2013/10	200391-02-10	100890013		WBS 200391-02-10	100899990			104,110,636.49
186145	2013/10	200391-02-10	100890387		WBS 200391-02-10	100890387			103,990,452.40
186145	2013/10	200391-03-02-04	100889990		WBS 200391-03-02-04				104,020,804.67
186145	2013/10	200391-03-02-05			WBS 200391-03-02-05				104,036,044.42
186145	2013/10	200391-03-02-08			WBS 200391-03-02-08				104,040,531.92 104,041,253.92
186145	2013/10	200391-03-02-09		-693.00	WBS 200391-03-02-09				104,040,560.92
186145	2013/10	200391-03-02-10			WBS 200391-03-02-10	100889997			104,041,843,43
186145	2013/10	200394-01-01	100889998	22,094.91	WBS 200394-01-01	100889998			104,063,938.34
186145 186145	2013/10	200394-01-02	100889999		WBS 200394-01-02	100889999			104,132,083.88
186145	2013/10 2013/10	200394-01-03 200394-01-04	100890000		WBS 200394-01-03	100890000			104,204,045.52
186145	2013/10	200394-01-04	100890001		WBS 200394-01-04	100890001			104,204,131.74
186145	2013/10	200394-01-05	100890002 100890003		WBS 200394-01-05	100890002			104,204,378.95
186145	2013/10	200394-01-07	100890003		WBS 200394-01-06 WBS 200394-01-07	100890003			104,215,036.91
186145	2013/10	200394-02-03	100890005		WBS 200394-01-07 WBS 200394-02-03	100890004			104,263,604.74
186145	2013/10	200394-02-04	100890006		WBS 200394-02-04	100890005 100890006			104,293,604.74
186145	2013/10	200394-02-05	100890007		WBS 200394-02-05	100890007			104,305,521.32
186145	2013/10	200394-03-02	100890008		VBS 200394-03-02	100890008			104,390,533.98
186145	2013/10	200394-03-05	100890009		NBS 200394-03-05	100890009			104,378,881.52 104,376,881.52
186145	2013/10	200394-04-04	100890010	246,101.89 \	NBS 200394-04-04	100890010			104,622,983.41
186145	2013/10	200394-07-01	100890011	13,874.92 \	NBS 200394-07-01	100890011			104,636,858.33
106115	2013/10 Total	000004.04.04		-19,247,963.68			October Balance =>		104,636,858.33
186145 186145	2013/11	200391-01-01	100899095		VBS 200391-01-01	100899095			104,657,493.68
186145	2013/11 2013/11	200391-01-02 200391-01-03	100899096		VBS 200391-01-02	100899096			104,687,083.81
186145	2013/11	200391-01-09	100899097 100899098		VBS 200391-01-03	100899097			104,702,561.56
186145	2013/11	200391-01-10	100899099		VBS 200391-01-09	100899098			104,718,356.46
186145	2013/11	200391-01-11	100899100		VBS 200391-01-10 VBS 200391-01-11	100899099			104,832,294.89
186145	2013/11	200391-01-12	100899106		VBS 200391-01-11	100899100 100899106			104,834,385.89
186145	2013/11	200391-01-13	100899108		VBS 200391-01-12	100899108			104,808,494.86
186145	2013/11	200391-01-31	100899412		VBS 200391-01-31	100899412			104,838,485.80
186145	2013/11		100899124			100899124			105,216,445.14
186145	2013/11		100899123		VBS 200391-01-36	100899123			105,187,418.28 105,108,981.05
186145	2013/11		100899101	20.67 V	VBS 200391-02-01	100899101			105,109,001.72
186145	2013/11		100899102			100899102			107,283,623.91
186145	2013/11		100899122			100899122			107,324,912.73
186145 186145	2013/11	200391-03-02-04			VBS 200391-03-02-04				107,333,482.23
186145	2013/11 2013/11	200391-03-02-05			VBS 200391-03-02-05				107,336,806.23
186145	2013/11	200391-03-02-08			VBS 200391-03-02-08			•	107,337,146.23
186145	2013/11	200391-03-02-09 200391-03-02-10			VBS 200391-03-02-09				107,337,551.73
186145	2013/11		100899121		VBS 200391-03-02-10				107,337,824.31
186145	2013/11		100899110			100899121			107,012,727.94
186145	2013/11		100899111			100899110			106,988,758.25
186145	2013/11		100899112			100899111			106,934,757.65
186145			100899113			100899112 100899113			106,977,593.79
186145			100899114			100899114			106,980,202.95
186145			100899115			100899115			106,977,877.90
186145			100899116			100899116			106,947,877.90
186145			100899117			100899117			106,925,015.90 106,860,003.24
186145			100899118		/BS 200394-03-02	100899118			106,879,836.27
186145	2013/11	200394-04-04	100899119	638,104.58 W	/BS 200394-04-04	100899119			107,517,940.85
									,

Account	Year/Month	n Assignment	Document #	Amount	Tavt	Invoice Reference			
186145	2013/11	200394-07-01	100899120	*******	WBS 200394-07-01	100899120		Balance	Running
186145	2013/11	200394-36	100899125		WBS 200394-07-01	100899125			107,538,242.07
	2013/11 Total		100000120	2,879,387,44		100099125	Managat as Galassa		107,516,245.77
186145	2013/12	200391-01-01	100907972		WBS 200391-01-01	100907972	November Balance =>		107,516,245.77
186145	2013/12	200391-01-01	100947109		WBS 200391-01-01	100947109			107,524,706.27
186145	2013/12	200391-01-02	100907973		WBS 200391-01-01	100907973			108,639,862.27
186145	2013/12	200391-01-02	100947110		WBS 200391-01-02	100947110			108,665,711.89
186145	2013/12	200391-01-03	100907974		WBS 200391-01-03	100907974			108,683,269.89
186145	2013/12	200391-01-03	100947111		WBS 200391-01-03	100947111			108,690,479.39
186145	2013/12	200391-01-08	100907975		WBS 200391-01-08	100907975			108,885,412.39
186145	2013/12	200391-01-08	100947112		WBS 200391-01-08	100947112			108,897,168.39 108,978,618.39
186145	2013/12	200391-01-09	100907976		WBS 200391-01-09	100907976			108,992,645.70
186145	2013/12	200391-01-09	100947113		WBS 200391-01-09	100947113			109,263,520.70
186145	2013/12	200391-01-10	100907977		WBS 200391-01-10	100907977			109,339,274.51
186145	2013/12	200391-01-10	100947114	445,918.00	WBS 200391-01-10	100947114			109,785,192.51
186145	2013/12	200391-01-11	100907978	9,614.69	WBS 200391-01-11	100907978			109,794,807.20
186145	2013/12	200391-01-11	100947115	-10,393.00	WBS 200391-01-11	100947115			109,784,414.20
186145	2013/12	200391-01-12	100907983	6,032.52	WBS 200391-01-12	100907983			109,790,446.72
186145	2013/12	200391-01-12	100947120	246,750.00	WBS 200391-01-12	100947120			110,037,196.72
186145	2013/12	200391-01-13	100907985	-29,990.94	WBS 200391-01-13	100907985			110,007,205.78
186145	2013/12	200391-01-13	100947122	1,078,134.00	WBS 200391-01-13	100947122			111,085,339.78
186145	2013/12	200391-01-14	100947126		WBS 200391-01-14	100947126			111,125,839.78
186145	2013/12	200391-01-31	100907998	393,490.04	WBS 200391-01-31	100907998			111,519,329.82
186145	2013/12	200391-01-33	100947127		WBS 200391-01-33	100947127			111,410,552,82
186145	2013/12	200391-01-36	100947128		WBS 200391-01-36	100947128			111,382,860.95
186145	2013/12	200391-02-01	100907979		WBS 200391-02-01	100907979			111,382,882.42
186145 186145	2013/12	200391-02-04	100947116		WBS 200391-02-04	100947116			111,378,628.42
186145	2013/12	200391-02-07	100907980		WBS 200391-02-07	100907980			111,743,115.76
186145	2013/12 2013/12	200391-02-10	100908000		WBS 200391-02-10	100908000			111,747,877.72
186145	2013/12	200391-03-02-04 200391-03-02-04			WBS 200391-03-02-04				111,750,357.22
186145	2013/12	200391-03-02-04			WBS 200391-03-02-04				111,726,548.22
186145	2013/12	200391-03-02-08		,	WBS 200391-03-02-05				111,968,737.22
186145	2013/12	200391-03-02-08			WBS 200391-03-02-08 WBS 200391-03-02-08				111,968,932.22
186145	2013/12	200391-03-02-09			WBS 200391-03-02-09				112,084,370.22
186145	2013/12	200391-03-02-09			WBS 200391-03-02-09				112,087,639.22
186145	2013/12	200391-03-02-10			WBS 200391-03-02-10				112,189,414.22
186145	2013/12	200391-03-02-10			WBS 200391-03-02-10				112,189,808.50
186145	2013/12	200391-03-02-11	100907987		WBS 200391-03-02-11				112,213,874.50 112,500,585.70
186145	2013/12	200391-03-02-11	100947124		WBS 200391-03-02-11				112,802,663.70
186145	2013/12	200391-03-02-12	100947125		WBS 200391-03-02-12				112,726,663.70
186145	2013/12	200391-08	100907999	-2,896.47	WBS 200391-08	100907999			112,723,767.23
186145	2013/12	200394-01-01	100907988	34,377.70	WBS 200394-01-01	100907988			112,758,144.93
186145	2013/12	200394-01-02	100907989	47,875.93	WBS 200394-01-02	100907989			112,806,020.86
186145	2013/12	200394-01-03	100907990		WBS 200394-01-03	100907990			112,889,168.31
186145 186145	2013/12	200394-01-05	100907991		WBS 200394-01-05	100907991			112,889,817.20
186145	2013/12	200394-01-06	100907992		WBS 200394-01-06	100907992			112,890,240.29
186145	2013/12 2013/12	200394-02-04 200394-02-05	100907993		WBS 200394-02-04	100907993			112,896,164.71
186145	2013/12	200394-02-05	100907994		WBS 200394-02-05	100907994			112,957,567.38
186145	2013/12	200394-04-04	100907995 100907996		WBS 200394-03-02	100907995			112,967,920.40
186145	2013/12	200394-04-04	100907996		WBS 200394-04-04	100907996			113,497,399.10
100110	2013/12 Total	200004-07-01	100301331	6,042,694.51	WBS 200394-07-01	100907997			113,558,940.28
186145 Total	2010/12 1000			-10,325,881.73			December Balance =>		113,558,940.28
186146	2013/10	200506-04-31	100890417		WBS 200506-04-31	100000417	Cantant as Dalassa	100 000 50	10
	2013/10 Total	2000000000	100000111	1,187.09	VVDG 200000-04-01		September Balance =>	183,098.56	184,285.65
186146	2013/11	200506-04-31	100899422		WBS 200506-04-31	100899422	October Balance =>		184,285.65
186146	2013/11	200506-04-35	100899126		WBS 200506-04-35	100899126			185,478.92
186146	2013/11	200506-04-36	100899127		WBS 200506-04-36	100899127			185,269.91
	2013/11 Total			724.96	***************************************		November Balance =>		185,010.61
186146	2013/12	200506-04-31	100908001		WBS 200506-04-31	100908001	November Balance =>		185,010.61
186146	2013/12	200506-04-36	100947138		WBS 200506-04-36	100947138			186,210.10 186,469.40
	2013/12 Total			1,458.79			December Balance =>		186,469,40
186146 Total				3,370.84					100,403.40
186147	2013/10	200391-04-02	100890014	8,147.63	WBS 200391-04-02	100890014	September Balance =>	5,195,120.85	5,203,268.48
186147	2013/10	200391-04-09	100890015	1,646.50	WBS 200391-04-09	100890015		.,,	5,204,914.98
186147	2013/10	200391-04-11	100890016			100890016			5,209,203.54
186147	2013/10	200391-04-31	100890408		WBS 200391-04-31	100890408			5,237,486.12
100147	2013/10 Total	000004 6 :		42,365.27			October Balance =>		5,237,486.12
186147			100899128			100899128			5,238,484.87
186147			100899129		and the second s	100899129			5,240,351.22
186147			100899413			100899413			5,268,837.23
186147 186147			100899131			100899131			5,265,900.55
.00147	2013/11 Total	200391-04-36	100899130		NBS 200391-04-36	100899130			5,258,292.82
186147		200391-04-02	100908002	20,806.70	M/DC 200204 04 02		November Balance =>		5,258,292.82
186147			100908002			100908002			5,259,351.57
186147			100947129			100947129 100908003			5,513,855.57
186147			100947130			100908003			5,514,977.27
			· · - <del>-</del>	.,.5,.55		. 200 11 100			5,522,464.27

Account	Year/Monti	n Assignment	Document #	Amount	Tout	Tarreton Potencia			
186147	2013/12	200391-04-11	100908004		WBS 200391-04-11	Invoice Reference 100908004	<b>X</b>	Balance	Running
186147	2013/12	200391-04-11	100947131		WBS 200391-04-11	100947131			5,533,618.68
186147	2013/12	200391-04-31	100908005		WBS 200391-04-31	100908005			5,559,817.68 5,588,506.10
186147	2013/12	200391-04-33	100947132		WBS 200391-04-33	100947132			5,587,851.10
	2013/12 Total	1		329,558.28			December Balance ≈>		5,587,851.10
186147 Total	*****			392,730.25					0,007,001110
186148	2013/10	200393-01-01	100890017		WBS 200393-01-01	100890017	September Balance =>	24,702,019.04	24,758,928.29
186148	2013/10 2013/10 Total	200393-05-31	100890415		WBS 200393-05-31	100890415			24,896,603.30
186148	2013/10 Total 2013/11	200393-01-01	400000400	194,584.26			October Balance =>		24,896,603.30
186148	2013/11	200393-05-31	100899132 100899420		WBS 200393-01-01	100899132			24,852,302.03
186148	2013/11	200393-05-35	100899420		WBS 200393-05-31 WBS 200393-05-35	100899420			24,990,748.41
186148	2013/11	200393-05-36	100899134		WBS 200393-05-36	100899133 100899134			24,973,600.70
	2013/11 Total		700000104	42,854.70		100633134	November Palance		24,939,458.00
186148	2013/12	200393-01-01	100908006		WBS 200393-01-01	100908006	November Balance =>		24,939,458.00
186148	2013/12	200393-01-01	100947148		WBS 200393-01-01	100947148			24,969,796.25 25,608,337.25
186148	2013/12	200393-01-01	100947288		WBS 200393-01-01	100947288			25,482,577.91
186148	2013/12	200393-02-01	100947149		WBS 200393-02-01	100947149			25,404,577.91
186148	2013/12	200393-05-01	100947150	500,000.00	WBS 200393-05-01	100947150			25,904,577.91
186148	2013/12	200393-05-31	100908007	139,139.46	WBS 200393-05-31	100908007			26,043,717.37
186148	2013/12	200393-05-31	100947289	-17,996.94	WBS 200393-05-31	100947289			26,025,720.43
186148	2013/12	200393-05-33	100947152		WBS 200393-05-33	100947152			26,025,997.43
186148 186148	2013/12	200393-06-01	100947151		WBS 200393-06-01	100947151			26,085,997.43
100140	2013/12 2013/12 Total	200687-01	100947154		WBS 200687-01	100947154			26,092,997.43
186148 Total	2013/12 Total			1,153,539.43			December Balance ≈>		26,092,997.43
186149	2013/10	200392-01-01	100890018	1,390,978.39	MIDC 200202 04 04	400000040	0.4.7.5		
186149	2013/10	200392-01-01	100890019		WBS 200392-01-01 WBS 200392-02-01	100890018	September Balance =>	3,705,706.63	3,709,662.63
186149	2013/10	200392-03-01	100890020		WBS 200392-02-01 WBS 200392-03-01	100890019 100890020			3,715,972,30
186149	2013/10	200392-03-03	100890021		WBS 200392-03-03	100890020			3,734,620.30
186149	2013/10	200392-03-04	100890022		WBS 200392-03-04	100890022			3,765,818.80
186149	2013/10	200392-04-31	100890413		WBS 200392-04-31	100890413			3,766,584.30 3,787,119.12
	2013/10 Total			81,412.49			October Balance =>		3,787,119.12
186149	2013/11	200392-01-01	100899135	292.50	WBS 200392-01-01	100899135			3,787,411.62
186149	2013/11	200392-02-01	100899136	517.53	WBS 200392-02-01	100899136			3,787,929.15
186149	2013/11	200392-03-01	100899137		WBS 200392-03-01	100899137			3,819,026.05
186149	2013/11	200392-03-03	100899138		WBS 200392-03-03	100899138			3,833,779.80
186149 186149	2013/11	200392-03-04	100899139		WBS 200392-03-04	100899139			3,842,084.31
186149	2013/11 2013/11	200392-04-31 200392-04-35	100899418		WBS 200392-04-31	100899418			3,863,105.43
186149	2013/11	200392-04-36	100899140 100899141		WBS 200392-04-35	100899140			3,862,134.86
100110	2013/11 Total	200392-04-30	100099141	-5,927.82 69,087.92	WBS 200392-04-36	100899141			3,856,207.04
186149	2013/12	200392-01-01	100908008		WBS 200392-01-01	100908008	November Balance =>		3,856,207.04
186149	2013/12	200392-01-01	100947141		WBS 200392-01-01	100908008			3,857,929.54
186149	2013/12	200392-02-01	100908009		WBS 200392-02-01	100908009			3,782,179.54
186149	2013/12	200392-02-01	100947142		WBS 200392-02-01	100947142			3,782,917.85 3,865,008.85
186149	2013/12	200392-02-02	100947143	-153.00	WBS 200392-02-02	100947143			3,864,855.85
186149	2013/12	200392-03-01	100908010	6,442.11	WBS 200392-03-01	100908010			3,871,297.96
186149	2013/12	200392-03-01	100947144		WBS 200392-03-01	100947144			3,824,916.96
186149	2013/12	200392-03-02	100947145		WBS 200392-03-02	100947145			3,859,003.96
186149 186149	2013/12	200392-03-03	100908011		WBS 200392-03-03	100908011			3,865,041.74
186149	2013/12 2013/12	200392-03-03 200392-03-04	100947146		WBS 200392-03-03	100947146			3,839,735.74
186149	2013/12	200392-03-04	100908012		WBS 200392-03-04	100908012			3,841,496.24
186149	2013/12	200392-03-04	100947147 100908013		WBS 200392-03-04 WBS 200392-04-31	100947147			4,700,004.24
	2013/12 Total	200002-04-01	100300013	865,164.56	VVBS 200392-04-31	100908013	Danashar Balanca		4,721,371.60
186149 Total				1,015,664.97			December Balance =>		4,721,371.60
186151	2013/10	200391-03-01-31	100890409		WBS 200391-03-01-31	100890409	September Balance =>	10 122 501 00	10 550 575 00
186151	2013/10	200391-03-01-33			WBS 200391-03-01-33		September balance =>	19,433,581.09	19,559,575.63
	2013/10 Total			125,989,42		10000000	October Balance =>		19,559,570.51 19,559,570.51
186151	2013/11	200391-03-01-31	100899414	126,660.33	WBS 200391-03-01-31	100899414	Cotober Edianee		19,686,230,84
186151	2013/11	200391-03-01-33			WBS 200391-03-01-33				19,686,226,05
186151	2013/11	200391-03-01-35		-21,256.16	NBS 200391-03-01-35	100899144			19,664,969.89
186151		200391-03-01-36	100899143	-26,947.20	NBS 200391-03-01-36	100899143			19,638,022.69
400454	2013/11 Total			78,452.18			November Balance =>		19,638,022.69
186151	2013/12	200391-03-01-31			NBS 200391-03-01-31				19,765,353.13
186151 186151	2013/12	200391-03-01-33			NBS 200391-03-01-33				19,765,348.34
186151	2013/12 2013/12	200391-03-01-33			WBS 200391-03-01-33				19,766,958.25
100131	2013/12 Total	200391-03-01-36	100947134		NBS 200391-03-01-36	100947134			19,793,905.45
186151 Total	2013/12 TOTAL			155,882.76			December Balance =>		19,793,905.45
186152	2013/10	200507-01-31	100890419	360,324.36	MDC 200527 04 04	100000110			
	2013/10 Total		. 500504 18	219.49 \ 219.49	VBS 200507-01-31	100890419	September Balance =>	212,932.33	213,151.82
186152		200507-01-31	100899424		VBS 200507-01-31	100899424	October Balance =>		213,151.82
186152		200507-01-35	100899145		VBS 200507-01-31	100899424			213,372.40
186152		200507-01-36	100899146		VBS 200507-01-36	100899146			213,326.68
	2013/11 Total			118.14			November Balance =>		213,269.96 213,269.96
186152			100908016		VBS 200507-01-31	100908016			213,491.64
186152	2013/12	200507-01-36	100947139	56.72 V	VBS 200507-01-36	100947139			213,548.36
									,5 ,5,50

Account		Assignment	Document #	Amount	Text	Invoice Reference	•	Balance	Disamina
	2013/12 Total			278.40		***************************************	December Balance =>	DaidiiCe	Running
186152 Total				616.03			December balance =>		213,548.36
186153	2013/10	200508-03-01	100890024	13.048.91	WBS 200508-03-01	100890024	September Balance =>	700.000.11	****
186153	2013/10	200508-04-31	100890421		WBS 200508-04-31	100890421	September balance =>	760,800.11	773,849.02
	2013/10 Total			15,293.37		100030421	October Belower		776,093.48
186153	2013/11	200508-03-01	100899147		WBS 200508-03-01	100899147	October Balance =>		776,093.48
186153	2013/11	200508-04-31	100899426		WBS 200508-04-31	100899426			824,698.51
186153	2013/11	200508-04-35	100899149		WBS 200508-04-35	100899426			827,148.96
186153	2013/11	200508-04-36	100899148		WBS 200508-04-36				827,068.88
	2013/11 Total		700000110	50.486.07	VVD3 200306-04-36	100899148			826,579.55
186153	2013/12	200508-03-01	100908017		WBS 200508-03-01	100000017	November Balance =>		826,579.55
186153	2013/12	200508-03-01	100947155		WBS 200508-03-01	100908017			853,327.06
186153	2013/12	200508-04-31	100908018		WBS 200508-03-01 WBS 200508-04-31	100947155			765,415.22
186153	2013/12	200508-04-33	100947156			100908018			768,115.93
	2013/12 Total	200000 01 00	100047150		WBS 200508-04-33	100947156			765,199.93
186153 Total				-61,379.62			December Balance =>		765,199.93
186154	2013/10	200509-03-31	100890423	4,399.82	14700 0000000000				
,	2013/10 Total	200303-03-31	100090423		WBS 200509-03-31	100890423	September Balance =>	231,226.96	232,726.08
186154	2013/11	200509-03-31	100899428	1,499.12			October Balance =>		232,726,08
186154	2013/11	200509-03-35			WBS 200509-03-31	100899428			234,233.00
186154		200509-03-36	100899150		WBS 200509-03-35	100899150			234,070,23
100104	2013/11 Total	200509-03-36	100899151		WBS 200509-03-36	100899151			233,641.58
186154		200500 00 04	100000000	915.50			November Balance =>		233,641.58
186154		200509-03-31	100908019		WBS 200509-03-31	100908019			235,156.36
100104		200509-03-36	100947140		WBS 200509-03-36	100947140			235,585.01
186154 Total	2013/12 Total			1,943,43			December Balance =>		235,585.01
				4,358.05					200,000.01
Grand Total				-7,153,439.02					

### **Detail of Gas Cost Deferrals**

Northwest Natural Gas Company Company: State:

Core Market Commodity gas cost deferral 191400 Account Number: Description:

Docket UM 1496

Narrative:

Current reauthorization to defer was granted in Order No. 13-441

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. From Nov 09 forward the deferral election is 90%.

-	Debit (Credit	it)								Deferral		
7 "	Month/Year	Note	Commodity	totorott.	400,000	Storage	Hedge	,		Plus Int.		Adjusted GL
J 4	(a)	(h)	(d)	ווובובאר	Interest Rate	Adiustment (2)	Adjustment	Transfer	Activity	GL Balance	Adjustment (6)	Balance
- 89	Nov-11	<u></u>	(3,122.887)	(e) (11.288)	8.618%	(9)	(E)	(i) 16 757 733	(j)	(K)	€	(m)
69	Dec-11		(5,972,328)	(44 202)	8 618%	(20,001)	<b>&gt;</b> C	77/1/0/107	15,012,745	(3,154,976)		
2	Jan-12		(7,866,051)	(94,407)	8.618%	(27,763)	) C		(6,044,015)	(9,198,992)		(9,198,992)
71	Feb-12		(8.777.427)	(155,028)	8 618%	(007,72)			(7,987,648)	(1/,186,640)		(17,186,640)
72	Mar-12		(7,649,612)	(215,020)	8 618%	(22,430)			(8,954,945)	(26,141,585)		(26,141,585)
23	Apr-12		(10,972)	(244 471)	8.618%	(22,314)	) c		(7,887,215)	(34,028,800)		(34,028,800)
5 4	May-12	4	(10,373)	(71/1/17)	0.010%	(13,398)	<b>&gt;</b> (		(268,848)	(34,297,648)		(34,297,648)
: 52	Jun-12		(1,648,781)	(754,417)	8.618%	(0,89,8)		59	(2,510,946)	(36,808,593)		(36,808,593)
76	Jul-12		(1.513.032)	(37,196)	8.618%	(6/0/0)		34,070,348	32,389,078	(4,419,516)		(4,419,516)
77	Aug-12		713,928	(40,371)	8.618%	(0,433)	) C		(1,556,683)	(5,9/6,198)		(5,976,198)
78	Sep-12		(387,003)	(39,523)	8.618%	(5,799)	o c		142,200	(756,906,957)		(5,306,957)
79	Oct-12		(2,172,596)	(49,059)	8.618%	(10,988)	<b>&gt;</b> C	ξ	(432,323)	(2,734,283)		(5,739,283)
80	Nov-12	<b>+</b>	(386,011)	(1,297)	7.78%	(14,009)	<b>&gt;</b> C	7 971 976	(2,232,043)	(476,176,7)		(7,9/1,9/6)
81	Dec-12		(1,027,354)	(5,995)	7.78%	(19.382)	o c	1,31 4,340	(1.057.731)	(401,317)		(401,317)
82	Jan-13		(1,871,064)	(15,572)	7.78%	(24,590)	0 0		(1,032,731)	(4,434,046)		(1,454,048)
83	Feb-13		(2,797,663)	(30,944)	7.78%	(17,545)	0		(2,846,152)	(5,702,474)		(7/7/002/5)
84	Mar-13		1,152,120	(36,579)	7.78%	(13,360)	) C		1 102 181	(5,411,740)	464 114	(0,411,420)
82	Apr-13		(1,032,846)	(36,508)	7.78%	(10,669)	0		(1,080,023)	(5,103,213)	+TT/50+	(151,040,4)
98	May-13		(255,205)	(40,979)	7.78%	(7,578)	) C		(303,252)	(6,103,200)		(+CT'CZ/'C)
87	Jun-13		1,567,032	(37,031)	7.78%	(4,529)	0		1 525 472	(4 967 558)		(0,020,910)
88	Jul-13		876,869	(29,377)	7.78%	(3,956)	0		843 536	(4 124 022)		(++,505,+)
8	Aug-13		800,792	(24,154)	7.78%	(3,988)	0		772 650	(3 351 372)		(005,550,50)
8	Sep-13		(124,972)	(22,151)	7.78%	(5,370)	0		(152,493)	(3,503,575)		(2,007,230)
91	Oct-13		617,552	(20,749)	7.78%	(10,580)	0		586 223	(2,262,662)		(3,035,731)
95	Nov-13	-	(1,013,457)	(3,291)	7.78%	(1,778)	0	2.453.578	1.435,002	(1 018 526)		(070'00+'7)
93	Dec-13		2,370,209	1,071	7.78%	(2,701)	0		2,368,579	1 350 053		
						•				ההיההיל		
	HISTORY TRUN	cated to	HISTORY TRUNCATED FOR EASE OF VIEWING									
	NO ES:											
88	1 - October ba 2 - Adiustmen	alance trai t for stora	1 - October balance transferred to account 191401 for amortization. 2 - Adiustment for storage frue up. See line 96 of Oregon Storage Cutoff, pages 6 (Oct 2012), and 10 (Miss. P. 2012).	191401 for amo	rtization. Storage Cutoff	100 to 1013	40 /Nov. 0	(0,000)				
	3 - See line 25	of Orego	3 - See line 25 of Oregon WACOG, pages 5 (Oct 2013) and 9 (Nov-Dec	(Oct 2013) and	9 (Nov-Dec 2013).	pages o (oct 2013).	Jaild to (Nov-De	c 2013).				
		epresents	- Transfer represents a true-up the balance with actual results.	ce with actual re	ssults.							
102	5 - Iranster out	ut represe	- Iransfer out represents an early WACOG refund to customers in June as approved by the PUC. The balance was transferred to account 191401 for	G refund to cust	omers in June a	s approved by the	PUC. The balano	e was transferred	to account 19140	1 for		
	AIM Noting	)11. .1 1.40416		:								
105	An adjustm	ar lucinum nent of \$4	- www.waturar identified and corrected for a mathematical error impacting Oregon's share of the commodity deferral. The error dated back to June 2011. An adjustment of \$464,114 was made for prior year PGA deferrals. Interest is not accused on this correction.	a matnematicai or prior year PG/	error impacting A deferrals, Inte	ing Oregon's share of the commodity def Interest is not accused on this correction	the commodity d	eferral. The error	dated back to Ju	ne 2011.		

## History truncated for ease of viewing

### NOTES:

- 1 October balance transferred to account 191401 for amortization.
- 2 Adjustment for storage true up. See line 96 of Oregon Storage Cutoff, pages 6 (Oct 2013) and 10 (Nov-Dec 2013).
  - 3 See line 25 of Oregon WACOG, pages 5 (Oct 2013) and 9 (Nov-Dec 2013).
- 4 Transfer represents a true-up the balance with actual results.
  5 Transfer out represents an early WACOG refund to customers in June as approved by the PUC. The balance was transferred to account 191401 for amortization.
- 6 NW Natural identified and corrected for a mathematical error impacting Oregon's share of the commodity deferral. The error dated back to June 2011.

Current reauthorization to defer was granted in Order No. 13-441 Core Market Demand cost deferral Northwest Natural Gas Company Docket UM 1496 Oregon 191410 Account Number: Description: Company: State:

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

Narrative:

			states allitual PGA.						
	Debit (Credit)	Œ							
7			Demand						Deferral
m	Month/Year	Note	Deferral (2)	Interest	Interest Rate	Adjustment	Transfer	Activity	GL Balance
4 rv	(a)	(Q)	(c)	(p)	(e)	(f)	(6)	(h)	(1)
89	Nov-11	Ħ	282,843	1,016	8.618%		(2 242 178)	(1 958 319)	783 850
69	Dec-11		(30,701)	1,928	8.618%		(2) (4/4) (4/4)	(28,226,223)	252,032
70	Jan-12		(153,865)	1,279	8.618%			(152,585)	102 501
71	Feb-12		(149,737)	198	8.618%			(149 538)	(47 038)
72	Mar-12		(145,546)	(860)	8.618%			(146,406)	(193,444)
73	Apr-12		(67,346)	(1,631)	8.618%			(68,977)	(762,421)
74	May-12		(167,088)	(2,485)	8.618%			(169.573)	(431,994)
72	Jun-12		(97,373)	(3,452)	8.618%			(100,825)	(532.819)
76	Jul-12		(150,394)	(4,367)	8.618%			(154,760)	(687,579)
77	Aug-12		(130,708)	(5,407)	8.618%			(136,115)	(823,695)
78	Sep-12		(149,983)	(6,454)	8.618%			(156,437)	(980,132)
79	Oct-12		(131,855)	(7,512)	8.618%			(139,367)	(1.119.498.90)
80	Nov-12		(115,017)	(373)	7.78%		1,119,499	1,004,109	(115.390)
81	Dec-12		(193,047)	(1,374)	7.78%			(194.421)	(309,811)
82	Jan-13		(588'605)	(2,944)	7.78%			(291,549)	(601,360)
83	Feb-13		(332,975)	(4,978)	7.78%			(337,953)	(939,313)
84	Mar-13		(246,181)	(888)	7.78%			(253,069)	(1.192,382)
82	Apr-13		(132,044)	(8,159)	7.78%			(140,203)	(1,332,585)
98	May-13		(180,185)	(9,224)	7.78%			(189,409)	(1 521 994)
87	Jun-13		(148,977)	(10,351)	7.78%			(159,327)	(1,681,321)
88	Jul-13		(81,905)	(11,166)	7.78%			(93,071)	(1,774,392)
8	Aug-13		(153,043)	(12,000)	7.78%			(165,043)	(1,939,435)
8	Sep-13		(36,795)	(12,703)	7.78%			(52,498)	(1.991.933)
91	Oct-13	m ·	(65'326)	(13,117)	7.78%		(2)	(75,478)	(2,067,411)
35	Nov-13	₩.	277,128	868	7.78%		2,067,411	2.345.437	278,026
93	Dec-13		(199,159)	1,157	7.78%			(198 002)	80.024
8				•				(300,004)	130,00
95	History truncated for ease of	ated fo	r ease of viewing						
96									
26	NOTES								
86	1 - October ba	lance tra	<ul> <li>1 - October balance transferred to account 191411 for amortization.</li> </ul>	191411 for amo	ortization.				
66	<b>2</b> - See line 83	of Oreg	2 - See line 83 of Oregon Demand, pages 7 (Oct 2013) and 11 (Nov-Dec 2013).	(Oct 2013) and	111 (Nov-Dec 20	13).			
100	3 - Adjustment	was ma	Adjustment was made to true-up the balance with actual results.	llance with actu	al results.	•			

# 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 2013) and 11 (Nov-Dec 2013).
  - 3 Adjustment was made to true-up the balance with actual results.

Northwest Natural Gas Company Company:

State:

Core Market Demand Collection Deferral Description:

Docket UM 1496

191450 Account Number:

Current reauthorization to defer was granted in Order No. 13-441

collected and the seasonalized imbedded demand costs as defined Deferral of 100% of the difference between actual demand costs

Narrative:

			concerns and the seasonialized influenced definable costs as defined in the state's annual PGA.	asonianzeu III al PGA.	incedured delitation	costs as delilled		
	Debit (Credit)			: •				Deferral
7	3	;	Demand					Plus Int.
m	Month/Year	Note	Deferral (3)	Interest	Interest Rate	Transfer	Activity	GL Balance
4 7	(a)	<b>(</b> 9)	(p)	(e)	( <del>L</del> )	(6)	( <u>:</u> )	(9)
89	Nov-11	7	(494,180)	(1,775)	8.618%	3,182,565	2.686.610	(495,954)
69	Dec-11		173,974	(2,937)	8.618%		171,037	(324,917)
70	Jan-12		(992'89)	(2,580)	8.618%		(71,146)	(396,063)
71	Feb-12		89,238	(2,524)	8.618%		86,714	(309,349)
72	Mar-12		(1,273,786)	(6,796)	8.618%		(1,280,581)	(1.589.931)
73	Apr-12		484,477	(6,679)	8.618%		474,798	(1.115.133)
74	May-12		(133,736)	(8,489)	8.618%		(142,225)	(1,257,358)
75	Jun-12		(255,555)	(9,948)	8.618%		(265,502)	(1,522,860)
76	Jul-12	m	(438,584)	(12,511)	8.618%	78	(451,017)	(1,973,877)
77	Aug-12		741,491	(11,513)	8.618%		729,977	(1,243,900)
78	Sep-12		696'69	(8,682)	8.618%		61,287	(1,182,612)
79	Oct-12	m	468,337	(6,811)	8.618%	$\Xi$	461,525	(721,087)
8	Nov-12		523,678	1,698	7.78%	721,087	1,246,463	525,375
81	Dec-12		1,558,865	8,460	7.78%		1,567,325	2,092,700
85	Jan-13		(2,331,404)	6,010	7.78%		(2,325,394)	(232,694)
83	Feb-13		(165,824)	(2,046)	7.78%		(167,870)	(400,564)
84	Mar-13		1,241,933	1,429	7.78%		1,243,362	842,798
82	Apr-13		427,841	6,851	7.78%		434,692	1,277,490
98	May-13		(363,509)	7,104	7.78%		(356,405)	921,085
87	Jun-13		205,622	6,638	7.78%		212,261	1,133,346
88	Jul-13		152,373	7,842	7.78%		160,215	1,293,560
83	Aug-13		173,891	8,950	7.78%		182,841	1,476,401
8	Sep-13	,	(693,683)	7,323	7.78%		(686,359)	790,042
91	Oct-13	m	(597,139)	3,186	7.78%	(1)	(593,953)	196,089
95	Nov-13		(328,275)	(1,064)	7.78%	(196,089)	(525,427)	(329,339)
93	Dec-13		(1,280,780)	(6,287)	7.78%		(1,287,067)	(1.616.406)
8								( (
92	History truncated for ease of viewing	ed for ea	ase of viewing					
96								
97	NOTES							
86	1 - October balan	ce transfe	- October balance transferred to account 191411 for amortization.	411 for amort	ization.			
66		Demand L	See line 3 of Demand Deferral, pages 8 (Oct 2013) and 12 (Nov-Dec 2013).	t 2013) and 1	2 (Nov-Dec 2013)	•		
100	3 - Adjustment wa	as made t	as made to true-up the balance with actual results.	e with actual	results.			

# History truncated for ease of viewing

### NOTES

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 4:43 PM

^{1 -} October balance transferred to account 191411 for amortization.

^{2 -} See line 3 of Demand Deferral, pages 8 (Oct 2013) and 12 (Nov-Dec 2013).3 - Adjustment was made to true-up the balance with actual results.

Deferred Accounts Summary 04QTR13.xlsx 2/12/2014 2:22 PM

Company:
State:
Description:
Account Number:
Cos County Demand
191417
Class of Customers:
Company
Oregon
Coos County Demand
Coos

Narrative: Defer

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

4 7

(33,863) (48,764) (62,067) 926'66 74,423) 15,244 31,990 68,221 47,816 41,736 52,473 15,381 28,391 66,059 50,674 67,033 81,365 98,075 114,575 132,356 Balance (32,435) 13,010 (361,609) 33,395 12,356 13,345 (15,385)31,756 (174,399)13,303 17,265 16,870 14,972 16,746 15,826 14,901 10,737 13,586 16,359 14,332 16,710 16,500 **Activity** Interest (396,435)(47,816)**Transfer** (4,954) (5,873) (6,318) (8,689) (8,380) (10,988) (8,139) (37,068) (5,324) (9,913) (6)(6)(6)(8,396)(86.798)(4,434) (4,829) 196,124) (7,351) (4,973) (6,727)(5,183)Adjustment 41,669 21,699 21,699 21,699 21,725 21,725 21,699 21,699 21,699 21,699 21,699 21,699 21,725 21,725 21,725 21,683 21,683 21,683 21,683 21,683 21,747 21,691 Deferral Note ~ Debit (Credit) May-12 Jun-12 Month/Year Feb-12 Mar-12 Apr-12 Jul-12 Aug-12 Sep-12 Oct-12 Nov-12 Dec-12 Jan-13 Feb-13 Mar-13 Apr-13 May-13 Jun-13 Jul-13 Aug-13 Sep-13 Oct-13

# History truncated for ease of viewing

Nov-13 Dec-13

15,039

14,475 (131,792)

(146,831)

25,020

### NOTES

^{98 1 -} October balance transferred to account 191411 for amortization

^{2 -} Additional adjustment represents a true-up of previous year's demand charges.

Oregon WACOG Deferral Calculation 2012 - 13 Tracker year System Calendar Sales Volume

Line	00	October-11	November-12	December-12	January-13	February 13	6	4 d	9	:				
	A 1 ( 1 ) ( 1 ) ( 1 ) ( 1 ) ( 1 )						2	21-1100	May-13	June-13	July-13	August-13	September-13	October-13
2 - 2 C \ Z	P / M Unbited Volumes; C / M Unbitled Volumes;	24,406,498	24,406,498 44,364,563	44,364,563 57 184 120	57,184,120	56,619,605	42,937,357	28,609,699	24,147,914	22,837,774	13,270,446	10,168,117	9,442,637	15,276,480
	Reported Cycle Billing Volumes	1	54,758,829	90,343,096	131,677,159	107,166,444	20,009,099 84,946,663	62,740,528	42,532,694	13,270,446	10,168,117	9,442,637	15,276,480	30,045,128
	Carculated Caleflual Month Volumes.		74,716,894	103,162,653	131,112,644	93,484,196	70,619,005	58,278,743	41,222,554	24,838,629	21,924,959	21,872,534	29,499,146	42,496,609 57,265,257
7. Total	is a force of the second of the second secon				١		ic: Sealery.co.	In Desirons	en Bankencon	tr Seierce	In Balance	an Sallerron	It's Stateway, it.	71 Solginge
	oral Carly Costs incurred in Oxing The		\$ 27,954,171 \$	38,035,124 \$	47,638,477 \$	32,159,886 \$	28,262,440 \$	20,934,922 \$	15,420,887 \$	11,377,647 \$	9,386,649 \$	9,243,687 \$	10,965,981 \$	22,457,416
6 Syste	System Incurred WACOG Per Thm:	• H	0.37413	0.36869	0.36334	0.34401	0,40021	0.35922	0.37409	0,45806	0.42813	0.42262	- 1	9900000
			In Balance	In Balance	In Balance	In Balance	In Balance	In Balance	in Balance	In Balance	In Balance	In Balance	in Balance	U. 354.10 In Balance
	00	October-11	November 12	December 12	Spungar, 13	**************************************	5	Oregon Calenda	Oregon Calendar Sales Volumes					
		***************************************	Reven	in Beance	a tolero	reordary-13	March-13	April-13	May-13	June-13	July-13	August-13	September-13	October-13
	P / M Unbilled Volumes: C / M Unbilled Volumes:	21,961,140	21,961,140	39,756,178	51,265,482	50,724,123	38,352,906	25,879,198	21,635,798	20,435,484	11,867,898	9,087,076	8,465,104	13.704.116
	Reported Cycle Billing Volumes:		49,804,835	81,705,161	118,802,425	36,332,306 96,753,321	76,738,048	21,635,798 56,827,653	20,435,484 38,487,282	11,867,898 31,230,256	9,087,076	8,465,104	13,704,116	27,069,002
1 1 5	Less: Winter WACOG Usage	g):	67,599,873 1,126,401	93,214,465 1,411,086	118,261,066 1,590,535	84,382,104 1,251,519	64,264,340 1,339,341	52,584,253	37,286,968	22,662,670	19,903,836	19,911,149	26,791,590	38,050,565 52,050,565
	indemental Usage Net Calculated Calendar Month Volumes:	i .s	222,778	91 803 379	118 870 531	02 130 505	200 100 00	1,289,405	854	889,342	884,652	738,354	972,808	1,184,679
	"ORPGA" Average Commodity Rate "ORPGA" Winter Commodity Pate		0.38149	0.38149	0.38149		0.38149	0.38149	36,432,960 0.38149	21,773,328	19,019,184 0.38149	19,172,795	25,818,782	50,865,886
	Monthly Incremental Rate		•	0.3736	0.37360	0.37360	0.37360	0.37360	0.37360	0.37360	0.37360	0.37360	0.37360	0.37360
	Collections incre. Commodity Rate "Collections" Winter Commodity Rate	03	\$ 60,041 \$ \$ 420,823 \$	\$ . \$					333,433 \$		291,502 \$	0.28557 210,852 \$	0.25571	0.27109
19 "Colle 20 ORE	"Collections" Average Commodity Rate ORE, Commodity Cost Collected	~'I"	- 1	35,022,071	4	467,567 \$ 31,713,487 \$	500,378 <b>\$</b> 24,005,258 <b>\$</b>		13,898,810 \$	8,306,307 \$		7.314.230.5		10 404 827
		•	79,734,842	35,549,253 \$	45,102,865	32,181,054	24,505,636 \$	20,036,922 \$	14,232,243 \$	8,639,716 \$		7,525,081 \$		19,725,981
21 Calcu 22 WAC	Calculated Calendar Month Volumes: WACOG Incurred: Calculated Vol. Amount	<b>**</b>	67,599,873		- 1	84,382,104 0,33918	64,264,340 0.38972	52,584,253 0.35922	37,286,968	22,662,670	19,903,836	19,911,149	26,791,590	52,050,585
	TIMOSIC .	,	\$ 24,961,253 \$	33,991,587 \$	42,462,818 \$	28,620,722 \$	25,045,099 \$	18,889,315 \$	13,948,682 \$	10,380,863 \$	8,521,429 \$	8,414,850 \$	9,959,506 \$	20,412,150
24 Total 25 90% [	Total Collection vs Calculated 90% Dfrl. {Collection vs Calculated}	.,10	\$ 793,588.57 \$	1,557,665.78	2,640,046.75	332.37	33) \$	1,147,606.71 \$	69		(974,298.82) \$	(889.768.83) \$	138 857 88 \$	(R8R 168 52)
	formation of the second of the	1	200,011.00	1,027,354.00 \$	1,871,064.00 \$	2,797,663.00 \$			1 1	(1,567,032.00) \$	\$ (00.698,978)			#617,552.00
Cont	Contract Commodity Gas Costs:	1	November-12	Syc December-12	System Cost of Gas January-13	February-13	March-13	April-13	May-13	June-13	July-13	Annuella Sens		
	Year around Contracts	**	\$ 25,633,192.25 \$	35,549,804.52	42,382,736.67 \$	26,195,243.96 \$ 2	28,454,513.80 \$ 1	614.75 \$	69	13.483.615.18.\$	43.75 ¢		5	200000000000000000000000000000000000000
8 8	Short Term Contracts		304,587.06 \$	63	us.	69	69	69	657.00	704,710.94	952,537.17		1,370,356.12	73,952,523.33
38 38	Volumetric Transp Chg Misc, Act. Up/St Sales		251,950.37	332,501.34	409,293.65	279,440.08	257,531.98	173,667.17	62,956.21	198,052.76	157,055.49	174,160,29	48 48 48 88	238 347 80
36 37	Goldman Deal Sub Total	16	# 00000000		ŀ			,	•	ŧ	1		,	-
;		,	20,230,023,03	30,230,407,46 \$	\$ 43,353,117.32 \$	26,926,502.32 \$ 2	29,452,715,71 \$ 1,	12,855,117.92 \$ 1	15,378,988,71 \$ 1	14,386,378,86 \$	13,462,436.41 \$	13,263,467,15 \$	13,273,222.74 \$	25,256,753.13
	Field Production Gas Storage Activity:	<b>↔</b>	\$ 271,620.15 \$	342,066.60 \$	320,527.34 \$	177,446.18 \$	222,511.52 \$	154,059.96 \$	217,175.97 \$	240,503.04 \$	184,646.82 \$	100,889.04 \$	215,267.47 \$	412,045.51
8 4 5 6 0 5	System Withdrawals System Injections	€9	Ť.	2,964,055.06 \$ (850,861,58)	5,568,278.26 \$ (1.831,966,73)	5,335,663.37 \$	1,115,677.83 \$ (1,064,739,34)	69	69	69	69	135,425.37 \$	140,062.88 \$	1,272,892,19
	Sub Total Other Activity	69		2,113,193.48 \$	3,736,311.53 \$	63	849,060.51) \$	6,558,016.56 \$	(2,707,134.37) (861,698.54) \$ (	(2,964,565,23) \$	(4,532,440.74) (4,291,556.60) \$	(4,711,223,75) (4,575,798,38) \$	-	(4 013,141.26)
43	P/M Imbalance Adj C/M Imbalance Adj		695,330.92 (221,332.11)	221,332.11 (971,869.05)	971,869.05 (763,008.61)	763,008.61 (676,725.49)	676,725.49 (1,226,513.24)	1,226,513.24 78,287.85	(78,287.85) 795,232.69	(795,232.69)	(290,540.88)	(305,330.10)	737,611.30)	(714,868.87)
44	Cost of Company Use Gas		(22,059.61)	(31,961.35)	(42,180.21)	(35,322.43)	(30,654.88)	(19,942.58)	(23,196.83)	(10,249.35)	(9.072.30)	(6 915 81)	7066.24	2000,000 144
45	Misc. Cust. Imbalance Purch		•		(132.16)	ŕ	5,617.39	(610.73)	179.29			(22.32)	1 4200	(15, 108.80)
46	Prior Period Estimate Adj.		176,433.34	63,894.61	61,972.30	79,026.80	11,098.73	83,479.49	(7.506.70)	230 271 71	25,405,29	20.044.44	, (1)	1, 100.02
47 Total	Total Monthly Gas Cost	8	\$ 27,954,170.59 \$	38,035,123.88 \$	47,638,476.56 \$	\$ 32,159,885,96 \$ 28	262 440 21	\$ 20 934 921 71 \$ 15	470 888 74	704300	C4:00F,04			47,683,63
é		ð	¥	**		N .		, š	3	, 57.7,047.22 &	9,388,548,84 \$	9,243,687,27 \$	10,965,981.24 \$ ok	22,457,415.59

Oregon Storage Cut Off Adjustment:												
88 "ORPGA" Proforma Commodity Rate 89 "ORPGA" Winter Proforma Cdity Rate	November-12 0.37941 0.37157	December-12 0.37941 0.37157	January-13 0.37941 0.37157	February-13 0.37941 0.37157	March-13 0.37941 0.37157	April-13 0.37941 0.37157	May-13 0.37941 0.37157	June-13 0.37941 0.37157	July-13 0.37941 0.37157	August-13 0.37941 0.37157	September-13 0.37941 0.37157	October-13 0.37941 0.37157
90 "Collections" Winter Commodity Rate 91 "Collections" Average Commodity Rate	\$ 418,537 \$ \$ 25,136,176 \$	- 1	\$ 590,995 \$ \$ 44,265,966 \$	\$ 465,027 \$ 31,540,575	\$ 497,659 \$ \$ 23,874,374 \$	13,528 \$	13.823.029 \$	8 261 018 8	7.216.080 6	, c,	es e	
Froitina Commodity Cost Collected	\$ 25,554,713 \$		\$ 44,856,961	35,355,437 \$ 44,856,961 \$ 32,005,602	\$ 24,372,033 \$	19,461,493 \$	13,823,029 \$	8,261,018 \$	7,216,069 \$	7,274,350 \$	9,795,904 8	19,299,026
93 Total Collection vs Calculated Line 20-17 94 Total Collection vs Calculated Restated	\$ 25,694,800.67 \$ 35,549,252.78 \$ 45,102,884.75 \$ 32,181,054.37 \$ 25,554,712.63 \$ 35,355,437.25 \$ 44,856,961.26 \$ 32,005,602.17	\$ 35,549,252.78 \$ 35,355,437.25	\$ 45,102,864.75 \$ 44,856,961.26	\$ 32,181,054.37 \$ 32,005,602.17	\$ 24,505,635.67 \$ \$ 24,372,032.81 \$	\$ 19,568,184.31 \$ 13,898,809.91 \$ 19,461,492.85 \$ 13,823,029.35	\$ 13,898,809.91 \$ \$ 13,823,029.35 \$	8,306,306.90 \$	7,255,628.50 \$ 7,216,068.60 \$	7,314,229.56 \$ 7,274,350.15 \$	9,849,607.15 \$	19,404,826.85
95 Total Collection vs Calculated 96 .10% Dfrl. (Collection vs Calculated)	\$ 140,088.04	140,088.04 \$ 193,815.53 \$ 245,903.49 \$ 175,452.20	\$ 245,903.49	\$ 175,452.20	\$ 133,602.86 \$	-	75,780.56 \$	45,288.52 \$	39,559.90 \$	39,879.41 \$	53,703.07 \$	105.801.04
		200	20,000,11	00.040,71	\$ 13,380.00 \$	10,669,00 \$	7,578.00 \$	4,529.00 \$	3,956.00 \$	3,988.00 \$	5,370,00 \$	(10,580.00)

TO PAGE 1 P

6

DEMAND CHARGES 2012 - 13 Tracker year Oregon Demand charge deferral

			•									
Line No.	November-12	December-12	January-13	February-13	Machh.13	Appendict 2	5	Š				
ACTUAL DEMAND CHARGES: US Transmission Co.:						21.20	Negy-10	June-13	J@y-13	August-13	September-13	October-13
47 Williams (NWPL)		\$ 7,609,981.60 \$	\$ 7,823,077,68 \$	\$ 7,307,327.78 \$	7,857,104.27 \$	7,667,622.35 \$	7.812.185.16 \$	7 623 330 53 \$	7 892 786 42 6	4 60 70 40 40 40 40 40 40 40 40 40 40 40 40 40		1 de
46 ImsCan(Gas Irans, NW) 49 Temporary Capacity	(75,421.51)									10.101,040,1	\$ 07.070,017.7	8,032,178.94
	18,688,19	18.688.19	18 688 19	39,828,06 18,688,19	(39,828.06)	60	000	;				
CN Transn			2	(0,000,00	500000	18,000.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688.19	18,688,19
52 TransCanada (ANG)												
	0000	1000	•									
	20,208,66	(40,097.55)	(25,172.16)	20,136.64	27,496.86	(28,798.76)	(38,660.88)	(3,212.99)	(10,683.73)	(44.678.58)	22 059 05	77 524 21
Total Chan	- \$ 7410 04E 69 6	7 500 570 04	10.00 000 1			- 1						10,400,77
	2,4 1d,342,00	, 1,300,37,2.24 &	Ö		, (0)	اب (ق	7,792,212.47 \$	7,638,805.73 \$	7,900,784.88 \$	7,822,196,68 \$	7,759,422,49 \$	8 067 120 90
EMBEDDED CHARGES:	š	5	5	š	š	ð	ð	ŏ	*6	Ť		***
US Transmission Co.:												ž.
	3 846 626 44	2007 200 00										
60 TrnsCan(Gas Trans NIA)	3,040,920,44	ή	ď	4	4	4	4,280,134,89 \$	4,142,066.06 \$	4,280,134,89 \$	4 280 134 89 \$	4 142 DRS DR \$	A 280 134 80
	333,040,00	534,437,00	574,228.00	537,180.00	574,228.00	467,856.00	483,246.00	467,656.00				574 238 00
	96,523.00	85,613.00	92,411,00	86,449.00	92,411.00	00'966'68	92,996.00	89,996,00	92 996 00	92 998 00	00.000,100	00,000,000
CN Transa	18,588.00	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	34, 330, UU
63 TransCapada (NOWA)	024 643 00									200000	20,000,00	10,000,00
	854,045,00	917,524.00	917,524.00	917,524,00	917,524.00	917,524.00	917,524.00	917,524.00	917,524,00	917 524 00	917 524 00	017 524 00
	456,687,00	500,472.00	500,472.00	500,472.00	500,472.00	446,712.00	446,712.00	446,712.00	448.712.00	446 712 00	448 712 DO	500 472 00
	090,019,00	888,511.00	868,511.00	863,060.00	868,511.00	865,785.00	868,511,00	865,785,00	868,511,00	868,511.00	865,785.00	868 511 00
	784.136.00	827 761 00	00 787 708	774 967 00	100							
		00.10	00.101,120	14,557.00	827,761,00	801,059.00	827,761.00	801,059.00	827,761.00	827,761.00	801,059.00	827,761,00
	49.934.00	51 598 23	55 RG5 22	50 101 00	200	6						
69 Total Embedded	\$ 7.538.008.44 \$	7.8	ά	7 TES 007 04	22,080,00	- 1	- 1	53,898,60	55,695,22	55,695.22	53,898.60	55,895,22
		×	QK 12.1.1		8, 133,424.11 &	7,803,384,66 \$	7,991,268.11 \$	7,803,384.66 \$	7,991,268.11 \$	7,991,268.11 \$	7,803,384,66 \$	8, 138,010,11
Oregon VARIANCE Share -			í	5	5	Ä	š	Ť	òķ	₹	*	Ť
US Transn												
70 Williams (MWPL)	\$ 3,245,004.90 \$	(7)	e,	2,990,176.63 \$	3,237,873,59 \$	3 191 333 55 \$	3 197 211 91 6	2 151 240 GD C	0 270 400 24			
	(571,236.88)	(483,772.37)	(519,791.19)	(486,255.34)	(519,791,19)		_		6,437,404,000	5,423,000,04 &	3,237,545,64	3,396,350,28
73 KD Circlia	(89, 183.02)	(77,496.89)	(83,650.44)	(42,201.27)	(119,702.80)	(81,464,38)	(84 179 98)	(81 464 38)	(07:404:20)	(927,434.28)	(423,322.21)	(519,791.19)
CN Transit	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	04, 119.30)	(04, 1/4,33)	(81,464,38)	(84, 179, 98)
	(766 640 04)	0000							5	Š	<u></u>	21.0
75 TransCanada (ANG)	(735,516.64)	(469,0342.72)	(830,542.72)	(830,542.72)	(830,542.72)	(830,542.72)	(830,542.72)	(830,542.72)	(830,542.72)	(830.542.72)	(830 542 72)	(830 EAS 75)
76 Duke En (WC)T-South	(80,5 35,02)	(400,067,20)	(453,027.25)	(453,027,25)	(453,027,25)	(404,363.70)	(404,363.70)	(404,363,70)	(404,363,70)	(404 383 70)	(404 363 70)	(463 000,000)
77 Coral En T-South	(necessors)	(100, 10, 10)	(100,170,10)	(781,241.91)	(786,176.16)	(783,708.58)	(786, 176, 16)	(783,708.58)	(786, 176, 16)	(786, 176, 16)	(783 708 58)	(786 176 18)
	(709 799 91)	(749 289 28)	(90 080 072)			,					,	(m)
79 Prior Period Adjustments	32,498.51	(36 296 30)	(22,232,24)	(200,347.30)	(97,887,847)	(725,118.61)	(749,289,26)	(725,118.61)	(749,289.26)	(749,289.26)	(725,118.61)	(749.289.26)
	(45,200.26)	(46,706,72)	(50.415.31)	(47 182 71)	/ED 445 34)	(40,008.54)	(34,995,83)	(2,908.40)	(9,670.91)	(40,443.05)	19,967,85	14,712,91
81 Total Varance	\$ (115.017.21) \$	(193 047 44) \$	1	TO 4 CO CCC)	1	- 1	- 1	(48,789.01)	(50,415.31)	(50,415.31)	(48,789,01)	(50 415 31)
			(400,000.40)	(332,374.57)	(246,180.77) \$	(132,044,13) \$	(180,185,16) \$	(148,976,84) \$	(81,905.41) \$	(153,043.45) \$	(39,794.55) \$	(62,358.51)
oz Oregon Anocation Katio	90.520%	90.520%	90.520%	90.520%	90.520%	90.520%	90.520%	90.520%	90.520%	90,520%	90.520%	90.520%
83 Oregon Portion	\$ (115,017.21) \$	(193,047.44) \$	(288,605.00) \$	(332,975,00) \$	(246 181 00) \$	(132 044 00) ¢	(180 195 00) ¢	(4.40 077 00) 9		- 1		A commence of the Commence of
						1	3	( (AU.) /6/041)	(81,905,00)	(153,043,00) \$	(39,795.00) \$	(62,359.00)

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NW Natural Calculation of Oregon Collected Demand Deferrals and basis for interest on Demand Deferrals

Demaild Deferral - Volume Component	4	November-12	December-12	January-13	February-13	March-13	April-13	May-13	June-13	July-13	August-13	September-13	October-13
1 Embedded Seasonalized Tab 20 2 Collected line 44	ø.	9,408,909.00 \$	13,854,969.00 \$ 12,296,103.81	13,365,003.00 <b>\$</b> 15,696,406.91	10,970,522.00 \$ 11,136,346.33	9,570,360.00 \$ 8,328,427.26	7,150,991.00 \$ 6,723,149.85	4,453,223.00 \$	2,842,348.00 \$ 2,636,725.75	2,540,546.00 \$		2,645,221.00 \$	5,930,442.00
3 Deferral		(523,677.67)	(1,558,865.19)	2,331,403,91	165,824.33	(1,241,932.74)	(427,841.15)	363,508.78	(205,622.25)	(152,372.72)	(173,890.82)	693,682.78	597,139.02
						Act	Actual Fixed Charges Collected	lantan		spanit			
Oregor	2	November-12	December-12	January-13	February-13	March-13	April-13	Mav-13	June-13	h thu. 52	August, 13	Cambridge (2	
15 Commercial		37,875,356	54,600,556	69,904,028	47,626,993	33,490,906	28,590,480	17,267,319	8,793,716	7.575.483	7 061 132	10 695 982	OCIODER-13
		22,030,312	30,513,520	39,114,509	28,684,775	22,964,698	16,423,425	13,412,227	8,091,763	6,629,448	6.917.387	9.393.822	16.593.630
18 Total of Calender Month Sales:	-	60,000,000	0777697	3,118,722	2,877,940	2,475,064	2,691,117	2,634,097	1,587,386	2,009,484	2,222,596	2 784.471	2.594.219
19 1-991 psc. 3100F - 310F A	***************************************	1 700 040	0.57,118,78	112,137,260	79,189,708	58,930,668	47,705,022	33,313,643	18,472,865	16,214,415	16.201.115	72 874 275	45 028 211
		877.428	2,198,733	2,641,386	2,262,331	2,012,219	1,753,863	1,518,880	1,330,213	1,105,129	970,176	941,687	1,096,110
		372,474	542 424	1,090,000	1,034,122	1,000,332	952,412	914,782	909,973	970,083	897,586	997,433	983,056
22 321SF - 32SF A C		487.252	617.527	812.014	498,425	443,777	487,184	234,783	593,300	466,223	496,758	485,117	678,180
23 Total Firm Sales Fixed D/Charge		3.441.103	4 349 613	4 750 682	A 274 A20	310,314	927,729	397,012	583,458	545,622	552,614	525,437	821,835
24 Total Calender Sales less Fixed:		59.215.118	83 461 683	107 386 578	4,5/4,022	3,9/4,642	3,845,485	3,065,457	3,416,944	3,087,056	2,917,133	2,949,673	3,579,181
25 "OPGA" OR A No. 09-12A Exh 1 Line 1		0.14070	0.14070	0.14070	040704	04,000,027	43,859,537	30,248,186	15,055,922	13,127,359	13,283,982	19,924,601	42,449,130
26 SFV Collected (line 24 x 25)	69	8 331 567 14 \$	11 743 058 76 \$	15 100 201 54 6	40 536 567 00 6	0.14070	1	0.14070	0.14070	0.14070	0.14070	0.14070	0.14070
All Cyc	-	1			\$ 70,100,020,03	\$ 18.718.781	b,1/1,036.80 \$	4,255,919.80 \$	2,118,368,20 \$	1,847,019,41 \$	1,869,056.24 \$	2,803,391,39 \$	5,972,592.65
27 Plus: 31CSF - 31SF A C	ss.	244,201.86 \$	258,365.37 \$	264,543.62 \$	268,820.64 \$	268,095.31 \$	255,949.20 \$	254.532.24 \$	239 303 66 \$	200 340 88	200 686 70	6	4000
20 3300E 330E A		112,239.57	119,045.32	122,802.48	127,360.08	132,045.12	120,628.94	120,139,20 \$	120,139.20 \$	118 605 60 \$	118 716 99 4	116 826 24 4	77'000'/81
		38,979.60	53,496.72	36,869.04	52,932.96	43,651,44	43,316,64	32,032.80 \$	72.411.84 \$	59.261.76 \$	66.383.28	67.217.04	90,300,30
31 Prior Month Johilled MDDV Com		01,515.30	81,483.84	70,832.88	81,395.28	71,182.80	70,286.40	49,986.72 \$	86,073.84 \$	73,189,44 \$	69.381.36 \$	SE 787.35 S	88 558 00
32 Prior Month Unbilled MDDV Ind		(59 606 26)	(121,927.07)	(128,497.73)	(131,835.49)	(133,974.00)	(133,652.38)	(127,789.92) \$	(126,664.56) \$	(118,309.39) \$	(114,277,32) \$	(100.941.77) \$	(106 735 18)
33 Current Month Unbilled MDDV Com		121 927 07	(30,118.79)	(38,522,66)	(61,401,24)	(63,680.04)	(66,022.56)	(60,314.47) \$	\$ (09.690,09)	\$ (09,690,09)	(59,302.80) \$	\$ (09,358,50)	(58.418.17)
34 Current Month Unbilled MDDV Ind		56.119.79	59 522 66	61.633.49	63,874,00	133,652.38	127,789.92	126,664.56 \$	118,309.39 \$	114,277.32 \$	100,941,77 \$	106,735.18 \$	98,400.24
35 MDDV @1.81 D/C Collected	S	451.817.64 \$	522 364 79 \$	500 264 37 &	524 020 27 P	00.777.00	50,314.47	\$ 09.690.09	60,069.60 \$	59,302.80 \$	59,358.50 \$	58,418.17 \$	57,978.18
ì			2000	9 10.403,000	234,920.27	\$ /0.088,010	478,610.64 \$	455,320,73 \$	509,573.37 \$	475,598.81 \$	443,871.56 \$	469,250.41 \$	473,805.44
36 Plus: 31CSI - 31SIV	•												
	A	18.23	;										
		57,210.89	45,336.03	49,978.25	39,403.98	40,126.05	34,630.28	26,048,55	24,623.03	19,034,49	21,573,87	22.074.22	32 893 47
SFV Collecte	s	97 265 39 \$	97,007,00	104 190 44 6	91,287,56	50,560,50	49,446.62	34,708.54	52,819.58	35,990.27	52,415.59	44,396.97	72,049,85
				1	\$ \$C.180,08	90,686.55 \$	84,076,90 \$	60,757,09 \$	77,442.61 \$	55,024,76 \$	73,989.46 \$	86,471.19 \$	104,943,32
41 Prior Mo Manual Adjustments Com	S	•	\$ (38,960.06) \$	,		69		(2 466 65) \$	9 (58 003 83)	100 000 77		4	
42 Prior Mo Manual Adjustments Ind		(11,585.41)	(17,233.14)	*	,	(2,159.89)	,			(4,770,20) &	(11,019,03)	(3,521.02)	(10,398.71)
43 Prior Mo Manual Adjustments ind int		(17,585,15)	(3,900.60)				(1,119.27)		(6.118.57)	(3.155.86)	(10,015.57)	(8,040,04)	(17,763.40)
44 Charled Manual Adjustments Com 45 Habilled Manual Adjustments and		28,960.06	•	•	,	2,145.51	2,466.65	26,093,63	4,778.28	11.819.03	3.521.00	10 308 71	(46.5 (4.40)
46 Unbilled Manual Adjustments Ind Int		7,233.14	•	,	2,159.89	4,922.33	4,374.43	35,916,10	6,835.69	19,013.37	9,545,04	17 763 40	21 463 46
47 Collections Subject to Sensitive Adi	v	570 006 27 ¢	9 90 000 009	1	- 1	1,119.27		6,118.57	3,155.86	10,440.55	1,716.41	2.217.46	74.99
48 Percent impact of Sensitive Effect	•	-2.8670%	208,300,00	2 8670%	\$ 957,777.70 \$	613,709.34 \$	568,409.35 \$	577,365.04 \$	533,657.51 \$	557,126.69 \$	491,370.54 \$	551,318.70 \$	571,369,54
49 Revenue Sensitive Adjustment	ss	(16,342.08) \$	(16.323.81) \$	(17.329.43) \$	(17 998 39) \$	-2.86/U% (17 FOF 0F) &		-2.8670%		-2.8670%	-2.8670%	-2.8670%	-2.8670%
50 Total D/C Ctd (26+47+49)	s		12 296 103 81 \$	1			6 700 440 00 0	(10,555,05)	(15,299.96) \$	(15,972.82) \$	(14,087.59) \$	(15,806.31) \$	(16,381.16)
				ı		\$ 07.176,030,0	0,725,149,00	4,810,731.78 \$	2,636,725,75 \$	2,388,173.28 \$	2,346,339,18 \$	3,338,903.78 \$	6,527,581.02

Oregon WACOG Deferral Calculation 2013 - 14 Tracker year System Calendar Sales Volume

	8 55,292,851 55,292,851 60,402,003 60,402,003 129,397,262 129,397,262 129,397,262	\$ 32,589,532 \$ 54,326,953 0.3805 0.41791 In Balance In Balance	Oregon Calendar Sales Volumes           November-13         December 13           ************************************	77,303,956 117,439,552 0,37009 0,41135 \$ 2,017,565,63 \$ (1,780,719,98) \$ 7,013,457,00 \$ (2,370,209,00) \$ system Cost of Gas	\$ 34,023,36872 \$ 39,437,361,43 891,502.00 \$ 652,345,08 366,526.51 644,243,47 \$ 35,281,397,23 \$ 39,792,109,98	\$ 2.342.207 60 \$ 17.032,482.39 \$ (4.704.379.81) (3.374.222.26) \$ (2.362.172.21) \$ 13.54.568,260.13 (209.639.44) (552.215.10) (202.750.66)	(22,874,43) (40,547.51) - (2,575.27) 43,219,02 64,546.77	\$ 54,3
Ozekhar 13	P / M Unbilled Volumes: C / M Unbilled Volumes: C / M Unbilled Volumes: Cafculated Cycle Billing Volumes: Cafculated Calendar Month Volumes	Total Cdity Costs Incurred in ORPGA file System Incurred WACOG Per Thm:	P / M Unbilled Volumes:  2 / M Unbilled Volumes:  2 / M Unbilled Volumes:  2 / M Unbilled Volumes:  C / M Unbilled Volumes:  Calculated Calendar Month Volumes:  Less: Winter WACOG Usage  Net Calculated Calendar Month Volumes:  "ORPCA" Average Commodity Rate  Monthly incremental Rate  Monthly incremental Rate  "Collections" Incre Commodity Rate  "Collections" Incre Commodity Rate  "Collections" Winter Commodity Rate  "Collections" Winter Commodity Rate  "Collections" Winter Commodity Rate  "Collections" Average Commodity Rate  "Collections" Winter Commodity Rate  "Collections" Average Commodity Rate  "Collections" Commodity Rate  "Collections" Average Commodity Rate  "Collections" ORE: Commodity Rate	Calculated Calendar Month Volumes: WACOG Incurred: Calculated Vol. Amount Total Collection vs Calculated 90% Drff. (Collection vs Calculated)	Contract Commodity Gas Costs: Year around Contracts Encara Net Activity Short Term Contracts Spot Purchases Volumetric Transp Chg Misc. Act. Upicit Sales UAG Reserve Adj Sub Total	Storage Activity: System Withdrawals System Injections Sub Total Other Activity PIM Imbalance Adj C/M Imbalance Adj	Cost of Company Use Gas Misc. Cust. Imbalance Purch Prior Period Estimate Adi.	Total Monthly Gas Cost
Line	- U 6 4	n o	7 8 8 6 7 1 2 1 2 1 4 5 1 9 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	22 23 24 25 25	33 33 34 36 36 37 37 37	38 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	44 45 46	47

U

### Oregon Storage Cut Off Adjustment:

88 "ORPGA" Proforma Commodity Rate 89 "ORPGA" Winter Proforma Cdity Rate

90 "Collections" Winter Commodity Rate 91 "Collections" Average Commodity Rate 92 Proforma Commodity Cost Collected

93 Total Collection vs Calculated Line 20-17 94 Total Collection vs Calculated Restated

95 Total Collection vs Calculated 96 .10% Dfrl. {Collection vs Calculated}

December-13 0.39595 0.39637 791,141 45,709,888 46,501,029 665,653 \$
29,943,553 \$
30,609,207 \$ November-13 0.39595 0.39637

\$ 30,626,986.63 \$ 46,528,040.02 \$ 30,609,206.72 \$ 46,501,028.92

TO PAGE I COLUMN G

10

DEMAND CHARGES 2013 - 14 Tracker year Oregon Demand charge deferral

2,7	(13,601,46) (21,859.82) (21,859.82)	s,	\$ 306,999.00 \$ (220,626.00) 90.270% 90.270%
s. NW) y y (A) s)	Tenasks Virtual Total Charges	EMBEDDED CHARGES:  US Transmission Co.:  59 Williams (NWPL), 61 Transcand (Sas Trans. NW) 62 KR Brigeline CN Transmission Co.: 63 TransCanada (NOVA) 64 TransCanada (NOVA) 65 Duke En (WC)T-South 66 Coral En T-South 67 Terrasen Gas (SC) 68 Other 69 Total Embedded Oregon VARIANCE Share - US Transmission Co.: 70 Williams (MWPL) 71 TransCanada (Trans. NW) 72 Transcanda (Trans. NW) 73 KR Brigeline CN Transmission Co.: 74 TransCanada (Trans. NW) 75 TransCanada (Trans. NW) 76 Transcanada (Trans. NW) 77 TransCanada Trans. NW) 78 Pipeline CN Transmission Co.: 79 TransCanada (NOVA) 71 TransCanada (NOVA) 71 TransCanada (NOVA) 72 TransCanada (NOVA) 73 TransCanada (ANC)	Ocrafe En (Wo). 1-south Coral En T-South B Terasen Gas (SC) Phor Period Adjustments Other 1 Total Varance 2 Oregon Allocation Ratio

PAGE 2.

NW Natural Calculation of Oregon Collected Demand Deferrals and basis for Interest on Demi

Demand Deferral - Volume Component	November-13		December 13
1 Embedded Seasonalized Tab 20 2 Collected line 44	\$ 10,045,585.00 10,373,859.60	\$ 00.	14.35.308.00 15.834,088.37
3 Deferral	328,274.60	.60	1,280,780,37 >> TO PAGE 3, COLUMN D
	Actual Fixed Charges Collected	Collecte	
Oregon Firm Calender Mo. Sales:	November-13	l	December 13
16 Commercial	44,280,293	283	69-192014
17 Industrial Firm	3.138.996	966	2.0.47 ( 2.0.47 ( 2.0.47 (
18 Total of Calender Month Sales:	72,630,837	837	110.983.907
19 1 - 99 Less: 31CSF - 31SF A C	1,223,677	77	1 628,750
20 31ISF . 31SF A C	932,597	97	928,437
21 32CSF - 32SF A C	578,592	95	886,502
22 Total Electric Color 22 Total Electric Color 23 Total Electric Color Electric Color 20 Total Electr	563,351	51	713,004
24 Total Calculation Priced D/Charge		16	4,156,693
24 TOBGA" OB A No 00 120 E.H. 4 TOBGA	69	22	106,827,214
25 OF GA OR A No. US-12A EXIT LINE 1		63	0.14163
All Cycles	\$ 9,819,579.20	20 \$	15,129,938,26
27 Plus: 31CSF - 31SF A C	180 301	;	American Control
28 311SF - 31SF A C	124 013	÷ £	150/455 (" Property of the same through
29 32CSF - 32SF A C	71.337	37	10 10 10 10 10 10 10 10 10 10 10 10 10 1
30 321SF - 32SF A C	81,833	33	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
31 Prior Month Unbilled MDDV Com	(98,400)	6	
32 Prior Month Unbilled MDDV Ind	(57,978)	78)	
33 Current Month Unbilled MDDV Com	92,736	38.	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
34 Current Month Unbilled MDDV Ind	62.006	98	5.00
35 MDDV @1.81 D/C Collected	\$ 461,387.99	99 S	442 029.95
36 Plus: 31CSI - 31SIV			
37 31ISI - 31SIV			If I will see the contract of
38 32CSI - 32SIM	35,694	*	1
39 32ISI - 32SIM		00	57.265
40 SFV Collected Interruptible Sales	\$ 68,912.56	\$ 90	115.115.11 C C C C C C C C C C C C C C C C C C
41 Prior Mo Manual Adjustments Com	100 131 11		
42 Prior Mo Manual Adiustments Ind	(1,401.30)	<b>*</b> •	(89.55 'Va)
43 Prior Mo Manual Adjustments Ind Int	(74.99)	• • • •	(AD: 90'04 L)
44 Unbilled Manual Adjustments Com	26.739.68		(C.1.000, 1)
45 Unbilled Manual Adjustments Ind	29.838.89	2 00	7.1.50zo 6.733.en
46 Unbilled Manual Adjustments Ind Int	7,008,75	2	5 78 6.3 5 78 6.3
47 Collections Subject to Sensitive Adj	\$ 570,887.52	\$ 25	519.255.25
48 Percent impact of Sensitive Effect	-2.9090%	%	-2.9090%
49 Revenue Sensitive Adjustment	\$ (16.607.12)	2) \$	(15.105.14)

**NW Natural** 

4th Quarter 2013 Quarterly Deferred Accounting Report Detail of Gas Cost Deferrals: December 2013

Detail of Non-Commodity Charges Collected on MDDV Basis

## Summary of CIS information:

Row Labels 2.17000	31CSF		Work interpretational transcriptions in the production of the prod			
Sum of Rate Adj Amount	\$	180,459.23	180,459.23 \$ 107,945.64 \$ 87,915.12 \$ 78.280.79 \$ 454.600.78	\$ 87,915.12	\$ 78.280.79	\$ 454 600 78
Sum of Rate Adj Therms		95,508	54,147	40.871	36 902	977,000,404 4
Total Sum of Rate Adj Amount	\$	180,459.23	180,459.23 \$ 107,945.64 \$ 87,915.12 \$ 78.280.79 \$ 454.600.78	\$ 87,915.12	\$ 78,280.79	\$ 454.600.78
Total Sum of Rate Adj Therms		95,508	54,147	40,871	36,902	227,428

### Notes:

Rate * Usage = Charge Amount

If a customer has a billing adjustment or a stop/start in a given month, the \$2.17 rate is pro-rated

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	31	32
Lines 27 and 29	180,459.23 87,915.12	87,915.12
Lines 28 and 30	107,945.64	78,280.79
, (C) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A	288,404.87	288,404.87 166,195.91

454,600.78

Total MDDV Charges

**NW Natural** 

4th Quarter 2013 Quarterly Deferred Accounting Report Detail of Gas Cost Deferrals: December 2013

Detail of Non-Commodity Charges Collected from Interruptible Sales

## Summary of CIS information:

Row Labels 0.01734		32CSI	32ISI	Grand Total
Sum of Rate Adj Amount	\$	58,847.07	\$ 57,265.04	58,847.07 \$ 57,265.04 \$ 116,112.11
Sum of Rate Adj Therms		3,393,718	3,302,480	6,696,198
Total Sum of Rate Adj Amount	❖	58,847.07	\$ 57,265.04	58,847.07 \$ 57,265.04 \$ 116,112.11
Total Sum of Rate Adj Therms		3,393,718	3,393,718 3,302,480	6.696.198

### Notes:

Rate * Usage = Charge Amount

If a customer has a billing adjustment or a stop/start in a given month, the \$0.01734 rate is pro-rated

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32	58,847.07	57,265.04
31	0.00	0.00
	ines 36 and 38	ines 37 and 39
:	Lines .	Lines .

Total Interruptible Charges

116,112.11

116,112.11

0.00

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, 164.12) Tenaska Virtual 164.40

RATE 0.52573

71,078,792.13

THERMS 135,199,219 \$

RATE

LIQUEFIED AMOUNT

THERMS

AMOUNT

THERMS

RATE

**BEGINNING BALANCE** AMOUNT

THERMS

MONTH Dec-07

ISSUES

Testing Links
ENDING BALANCE
AMOUNT

				35,842,132,15	107,031,306	43,322,817.21	117,570,946			10 I AL 2013 AC I I VI I Y	
0.39665	55,370,347.93	139,596,274 \$	0.50120	3,374,222.26	6,732,330 \$	17,032,482.39	46,561,323 \$	0.38472	69,028,608.06	179,425,267 \$	
0.38472	69,028,608.06	179,425,267 \$	0.37452	4,710,632.15	12,577,745 \$	2,342,207.60	7,315,178 \$	0.38275	66,660,183.51	174,162,700 \$	
0.38275	66,660,183.51	174,162,700 \$	0.37015	4,013,141.26	10,841,958 \$	1,272,892.19	4,070,753 \$	0.38186	63,919,934.44	167,391,495 \$	
0.38186	63,919,934.44	167,391,495 \$	0.26215	2,723,301.45	10,388,350 \$	140,062.88	285,901 \$	0.38996	61,336,695.87	157,289,046 \$	
0.38996	61,336,695.87	157,289,046 \$	0.26773	4,711,223.75	17,596,859 \$	135,425.37	274,464 \$	0.40553	56,760,897.49	139,966,651 \$	
0.40553	56,760,897.49	139,966,652 \$	0.30202	4,532,440.74	15,007,288 \$	240,884.14	\$ 65,039 \$	0.41800	52,469,340.89	125,524,403 \$	
0.41800	52,469,340.89	125,524,403 \$	0.34275	3,055,934.87	8,915,841 \$	91,369.64	175,511 \$	0.42366	49,515,820.66	116,877,226 \$	
0.42366	49,515,820.66	116,877,226 \$	0.31573	2,707,134.37	8,574,316 \$	1,845,435.83	4,818,397 \$	0,43011	48,654,122.12	113,121,307 \$	
0.43011	48,654,122.12	113,121,307 \$	0.39830	1,807,682.82	4,538,540 \$	8,365,699,38		0.42457	55,212,138.68	130,041,775 \$	
0.42457	55,212,138.68	130,041,775 \$	0.35710	1,964,738.34	5,501,939 \$	1,115,677.83	3,567,521 \$	0.42436	54,363,078.17	128,107,357 \$	
0.42436	54,363,078,17	128,107,357 \$	0.32449	409,713.41	1,262,630 \$	5,335,663,36	13,800,354 \$	0.42155	59,289,028.12	140,645,081 \$	
0.42155	59,289,028.12	140,645,081 \$	0.35967	1,831,966.73	5,093,510 \$	5,405,016.60	14,677,497 \$	0.41844	62,862,077.99	150,229,068 \$	
				20,436,990.77	71,372,071	31,882,875.40	81,216,536			TOTAL 2012 ACTIVITY	
0.41844	62,862,077,99	150,229,068 \$	0.40392	850,861.58	2,106,485 \$	2,953,010.06	8,384,530 \$	0.41509	64,964,226.47	156,507,113 \$	
0.41509	64,964,226.47	156,507,113 \$	0.37329	929,470.94	2,489,966 \$	1,750,833.09	4,580,684 \$	0.41480	65,785,588.62	158,597,831 \$	
0.41480	65,785,588.62	158,597,831 \$	0.34368	8,855,633.86	25,766,796 \$	1,384,452.69	5,444,783 \$	0.42173	58,314,407.45	138,275,818 \$	
0,42173	58,314,407.45	138,275,818 \$	0.25825	2,607,874.72	10,098,405 \$	113,206.61	207,941 \$	0.43478	55,819,739.34	128,385,354 \$	
0.43478	55,819,739.34	128,385,354 \$	0.25463	792,432.45	3,112,036 \$	151,844.55	289,508 \$	0.43945	55,179,151.44	125,562,826 \$	
0.43945	55,179,151,44	125,562,826 \$	0.25368	1,790,152.04	7,056,836 \$	285,082.42	\$ 560,036	0.44943	53,674,081.82	119,428,085 \$	
0,44943	53,674,081.82	119,428,085 \$	0,21671	1,367,411.71	6,310,010 \$	643,407.48	2,209,903 \$	0.45913	52,950,077.59	115,327,978 \$	
0.45913	52,950,077,59	115,327,978 \$	0.23312	895,679.98	3,842,187 \$	1,071,649.57	2,790,265 \$	0.46489	53,126,047.18	114,276,056 \$	
0.46489	53,126,047.18	114,276,056 \$	0.19321	869,525.78	4,500,360 \$	10,194,050.58	23,051,846 \$	0.47016	62,450,571.98	132,827,542 \$	
0.47016	62,450,571.98	132,827,542 \$	0.21381	739,939,28	3,460,810 \$	5,455,394.54	12,658,159 \$	0.47292	67,166,027.24	142,024,891 \$	
0.47292	67,166,027.24	142,024,891 \$	0.25502	88,897.46	348,590 \$	3,187,445.76	8,672,041 \$	0.46735	70,264,575.54	150,348,342 \$	
0.46735	70,264,575,54	150,348,342 \$	0.28475	649,110.97	2,279,590 \$	4,669,327.57	11,911,891 \$	0.46434	74,284,792.14	159,980,643 \$	Jan 12

All Sites Therms Summary 2

Account Number 164012 164017 164017 164021 164022	164040	
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Note: 164040 for AECO Gas Storage (NISKA) is a new storage site similar to JP. Injection activity began in April 2013.

### Detail of December 2013 WACOG and Demand Actual Costs

(REDACTED)