

UG-120127-SI

**CRISTAN KELLEY**  
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January 27, 2011

David Danner, Secretary and Executive Director  
Washington Utilities and Transportation Commission  
1300 South Evergreen Park Drive, SW  
Post Office Box 47250  
Olympia, Washington 98504-7250

2011 JAN 30 AM 8:13  
 RECEIVED  
 WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

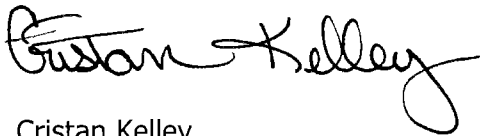
Re: **MONTHLY GAS COST DEFERRED BALANCE  
ACCUMULATIONS/AMORTIZATIONS**

Dear Mr. Danner:

Per WAC 480-90-233(5), enclosed are copies of the company's Deferred Rate Making Accounts & JE 28 and JE 29 ledger entries for December 2011.

Please call or email me if you have any questions with respect to these materials.

Sincerely,



Cristan Kelley

CMK/kcm

enclosure(s)

**NW Natural**  
**Rates & Regulatory Affairs**  
**Deferred Accounts: Washington**  
**December-11**

	<b>Nov-11</b>	<b>Change</b>	<b>Dec-11</b>
<b>WASHINGTON 186XXX ACCOUNTS</b>			
186234 DEF WA GREAT PROGRAM	(1,851.94)	7,275.90	5,423.96
186235 AMOR WA GREAT PROGRAM	391,424.73	(65,163.29)	326,261.44
186302 MARGIN SHARING - WA	(1,112,108.49)	(109,969.08)	(1,222,077.57)
186310 WA ENERGY EFFICIENCY	47,386.01	1,061.12	48,447.13
186312 WA - AUDIT RESIDENTI	656,778.48	1,778.78	658,557.26
186314 WA - LOW INCOME WEAT	80,310.31	217.51	80,527.82
186315 WA - WA - LIEE AMORT	(2,456.81)	0.00	(2,456.81)
186316 WA DSM AMORTIZATION	456,690.41	(77,860.17)	378,830.24
<b>Subtotal 186xxx accounts</b>	<b>516,172.70</b>	<b>(242,659.23)</b>	<b>273,513.47</b>
<b>WASHINGTON 191XXX ACCOUNTS</b>			
191420 WACOG - ACCR. WA	(362,390.00)	(705,175.00)	(1,067,565.00)
191421 AMORT OF WACOG - WA	(1,924,196.34)	284,910.52	(1,639,285.82)
191430 DEMAND - ACCR WA	(328,269.68)	(589,422.26)	(917,691.94)
191431 AMORT OF DEMAND WA	312,081.02	155,162.27	467,243.29
<b>Subtotal 191xxx accounts</b>	<b>(2,302,775.00)</b>	<b>(854,524.47)</b>	<b>(3,157,299.47)</b>
<b>TOTAL WASHINGTON DEFERRED ACCOUNTS</b>	<b>(1,786,602.30)</b>	<b>(1,097,183.70)</b>	<b>(2,883,786.00)</b>

**Northwest Natural Gas Company SAP Journal Entry**

Company Code	Document Type	Document Date	Posting Date	Currency	Reference	Header Text
(4)	(2)	(8)	(8)	(3)	(16)	(25)
5000	SA	12312011 (MMDDYYYY)	12312011 (MMDDYYYY)	USD	JE 29	AMORTIZATION

(Black) Do not change these cells  
(Blue) Change these cells as needed

Line No.	Account	Cost Center	Internal Order	Debit (\$) Credit (H)	Debit Amount	Credit Amount	Detail Text	Quantity	Unit of Measure
	(6)	(5)	(12)	(1)	(10+2)	(10+2)	(50)	(9+3)	(3)
1	402000	81199	495-06374	S	178,388.97	-	AMORT 186233 Ind DSM		
2	186233			H	-	178,388.97	AMORT 186233 Ind DSM		
3	411000	83010	419-06205	H	-	2,518.10	INTEREST 186233 Ind DSM		
4	186233			S	2,518.10	-	INTEREST 186233 Ind DSM		
5	402000	81199	495-06064	S	339,818.31	-	AMORT 186271 Comm Decoup		
6	186271			H	-	339,818.31	AMORT 186271 Comm Decoup		
7	411000	83010	419-06205	H	-	3,508.15	INTEREST 186271 Comm Decoup		
8	186271			S	3,508.15	-	INTEREST 186271 Comm Decoup		
9	402000	81199	495-06064	S	2,684,898.37	-	AMORT 186277 Res Decoup		
10	186277			H	-	2,684,898.37	AMORT 186277 Res Decoup		
11	411000	83010	419-06205	H	-	24,962.73	INTEREST 186277 Res Decoup		
12	186277			S	24,962.73	-	INTEREST 186277 Res Decoup		
13	402000	81199	495-06233	S	1,991.94	-	AMORT 186288 NWIGU Intervener		
14	186288			H	-	1,991.94	AMORT 186288 NWIGU Intervener		
15	411000	83010	419-06205	H	-	28.56	INTEREST186288 NWIGU Intervener		
16	186288			S	28.56	-	INTEREST186288 NWIGU Intervener		
17	402000	81199	495-06233	S	18,892.24	-	AMORT 186286 CUB Fund		
18	186286			H	-	18,892.24	AMORT 186286 CUB Fund		
19	411000	83010	419-06205	H	-	167.51	INTEREST186286 CUB Fund		
20	186286			S	167.51	-	INTEREST186286 CUB Fund		
17	411000	83010	419-06205	H	-	79.56	C/M INT 186237 PUC Fee Ref		
18	186237			S	79.56	-	C/M INT 186237 PUC Fee Ref		
19	191401			S	2,550,240.22	-	AMORT 191401 OR WACOG		
20	541000	84020	805-02650	H	-	2,550,240.22	AMORT 191401 OR WACOG		
21	191401			H	-	26,508.37	INTEREST 191401 OR WACOG		
22	411000	83010	419-06205	S	26,508.37	-	INTEREST 191401 OR WACOG		

23	540700	84020	805-02650	S	47,316.76	-	AMORT 191411 OR Demand
24	191411			H	-	47,316.76	AMORT 191411 OR Demand
25	411000	83010	419-06205	H	-	1,494.13	INTEREST 191411 OR Demand
26	191411			S	1,494.13	-	INTEREST 191411 OR Demand
27	402000	82299	495-06080	S	78,990.07	-	AMORT 186316 WA Amort EE
28	186316			H	-	78,990.07	AMORT 186316 WA Amort EE
29	411000	83010	419-06210	H	-	1,129.90	INTEREST 186316 WA Amort EE
30	186316			S	1,129.90	-	INTEREST 186316 WA Amort EE
31	411000	83010	419-06205	H	-	0.11	INTEREST 186307 OR AMR
32	186307			S	0.11	-	INTEREST 186307 OR AMR
33	191421			S	289,729.54	-	AMORT 191421 WA WACOG
34	541000	84020	805-02655	H	-	289,729.54	AMORT 191421 WA WACOG
35	411000	83010	419-06210	S	4,819.02	-	INTEREST 191421 WA WACOG
36	191421			H	-	4,819.02	INTEREST 191421 WA WACOG
37	191431			S	154,108.36	-	AMORT 191431 WA Demand
38	540700	84020	805-02655	H	-	154,108.36	AMORT 191431 WA Demand
39	411000	83010	419-06210	H	-	1,053.91	INT 191431 WA Demand
40	191431			S	1,053.91	-	INT 191431 WA Demand
41	186315			H	-	-	INTEREST 186315 WA-LIEE
42	411000	83010	419-06210	H	-	-	INTEREST 186315 WA-LIEE
43	186315			H	-	-	AMORT 186315 WA-LIEE
44	402000	82299	495-06516	H	-	-	AMORT 186315 WA-LIEE
45	186310			S	129.60	-	INT - WA ENERGY EFF 186310
46	411000	83010	419-06210	H	-	129.60	INT - WA ENERGY EFF 186310
47	186312			S	1,778.78	-	INT - WA EE R&C 186312
48	411000	83010	419-06210	H	-	1,778.78	INT - WA EE R&C 186312
49	186232			S	14,120.11	-	INT - Ind DSM Def 186232
50	411000	83010	419-06205	H	-	14,120.11	INT - Ind DSM Def 186232
51	186235			S	970.55	-	INTEREST 186235 WA GREAT
52	411000	83010	419-06210	H	-	970.55	INTEREST 186235 WA GREAT
53	186235			H	-	66,133.84	AMORT 186235 WA GREAT
54	402000	82299	495-06517	S	66,133.84	-	AMORT 186235 WA GREAT
55	186279			H	-	304.15	INTEREST 186279 EARNINGS TEST
56	411000	81199	419-06205	S	304.15	-	INTEREST 186279 EARNINGS TEST
57	186279			S	27,947.25	-	AMORT 186279 EARNINGS TEST
58	402000	81199	495-06374	H	-	27,947.25	AMORT 186279 EARNINGS TEST
59	186314			S	217.51	-	INT - 186314 WA-LIEE Deferral
60	411000	83010	419-06210	H	-	217.51	INT - 186314 WA-LIEE Deferral

61	402000	81199	495-06540	S	940,060.72	-	SB408 FED & STATE AMORT
62	<b>186401</b>			H	-	940,060.72	SB408 FED & STATE AMORT
63	411000	83010	419-06205	H	-	7,737.01	SB408 FED & STATE INT
64	<b>186401</b>			S	7,737.01	-	SB408 FED & STATE INT
65	402000	81199	495-06540	H	-	72,166.87	SB408 MCBIT AMORT
66	184301			S	72,166.87	-	SB408 MCBIT AMORT
67	411000	83010	419-06205	S	577.17	-	SB 408 MCBIT INT
68	184301			H	-	577.17	SB 408 MCBIT INT
69	186301			H	-	-	OR STOR CREDIT AMORT
70	402000	81199	495-02225	H	-	-	OR STOR CREDIT AMORT
71	411000	83010	419-06205	H	-	-	OR STOR CREDIT INT
72	186301			H	-	-	OR STOR CREDIT INT
73	186234			H	-	5.02	INT 186234 WA GREAT Deferral
74	411000	82299	419-06210	S	5.02	-	INT 186234 WA GREAT Deferral
Total					<u>7,542,793.41</u>	<u>7,542,793.41</u>	

Prepared by \_\_\_\_\_

Reviewed by \_\_\_\_\_

Posted by \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Signature is N/A if the poster is the same as approver

Document No. \_\_\_\_\_

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**NW Natural**  
**Rates & Regulatory Affairs**  
**2011-2012 PGA Filing - Washington: October Filing**  
**Summary of Amortization Rates**  
 Workpaper Only - not included in filing

1 Amortization Rates are calculated by taking the Temporary Adjustment Rate and multiplying by 1 minus the revenue sensitive rate of 4.372%  
 2 and taking the opposite sign

		191421	191431	191431	186316	186235					
		Demand		Demand	R&C Energy	Low Income Bill					
		WACOG Deferral	Deferral FIRM	Deferral INTERR	Efficiency	Pay Assist					
						(GREAT)					
							Volumes				
Schedule	Block	A	B	B	C	D	CIS	Prior Month Unbilled	Current Month Unbilled	Total	
1R (R01)		0.02678	0.01455	0.00000	(0.01418)	(0.01161)	16,907.10			16,907.10	
1C (C01)		0.02678	0.01455	0.00000	(0.01082)	(0.00886)	7,117.70			7,117.70	
2R (R02)		0.02678	0.01455	0.00000	(0.00821)	(0.00672)	7,168,819.10			7,168,819.10	
3 CFS (C03)		0.02678	0.01455	0.00000	(0.00731)	(0.00598)	2,255,828.40			2,255,828.40	
3 IFS (I03)		0.02678	0.01455	0.00000	0.00000	(0.00530)	68,702.20			68,702.20	
27 (R27)		0.02678	0.01455	0.00000	(0.00444)	(0.00362)	12,447.00			12,447.00	
41 Firm Sales	Block 1	0.02678	0.01455	0.00000	(0.00576)	(0.00471)	160,280.90			160,280.90	
(C 41 FS)	Block 2	0.02678	0.01455	0.00000	(0.00507)	(0.00415)	309,665.50			309,665.50	
411 Firm Sales	Block 1	0.02678	0.01455	0.00000	0.00000	(0.00574)	20,591.10			20,591.10	
(I 41 FS)	Block 2	0.02678	0.01455	0.00000	0.00000	(0.00506)	31,265.70			31,265.70	
41 Firm Trans	Block 1	0.00000	0.00000	0.00000	0.00000	0.00000	4,000.00			4,000.00	
C41TF	Block 2	0.00000	0.00000	0.00000	0.00000	0.00000	18,808.00			18,808.00	
41C Interr Sales	Block 1	0.02678	0.00000	0.00508	(0.00544)	(0.00461)	-			-	
(C 41 IS)	Block 2	0.02678	0.00000	0.00508	(0.00479)	(0.00406)	-			-	
411 Interr Sales	Block 1	0.02678	0.00000	0.00508	0.00000	(0.00461)	-			-	
(I 41 IS)	Block 2	0.02678	0.00000	0.00508	0.00000	(0.00406)	-			-	
42C Firm Sales	Block 1	0.02678	0.01455	0.00000	(0.00390)	(0.00319)	77,640.00			77,640.00	
C	Block 2	0.02678	0.01455	0.00000	(0.00350)	(0.00286)	68,150.00			68,150.00	
(C42SF)	Block 3	0.02678	0.01455	0.00000	(0.00268)	(0.00219)	7,387.00			7,387.00	
	Block 4	0.02678	0.01455	0.00000	(0.00214)	(0.00176)	-			-	
	Block 5	0.02678	0.01455	0.00000	(0.00142)	(0.00117)	-			-	
	Block 6	0.02678	0.01455	0.00000	(0.00054)	(0.00044)	-			-	
42I Firm Sales	Block 1	0.02678	0.01455	0.00000	0.00000	(0.00268)	99,751.00			99,751.00	
(I42SF)	Block 2	0.02678	0.01455	0.00000	0.00000	(0.00240)	111,987.00			111,987.00	
	Block 3	0.02678	0.01455	0.00000	0.00000	(0.00184)	30,418.00			30,418.00	
	Block 4	0.02678	0.01455	0.00000	0.00000	(0.00147)	-			-	
	Block 5	0.02678	0.01455	0.00000	0.00000	(0.00098)	-			-	
	Block 6	0.02678	0.01455	0.00000	0.00000	(0.00036)	-			-	
42 Firm Trans	Block 1	0.00000	0.00000	0.00000	0.00000	0.00000	74,780.00		10,000	84,780.00	
C42TF+	Block 2	0.00000	0.00000	0.00000	0.00000	0.00000	104,470.00		20,000	124,470.00	
I42TF	Block 3	0.00000	0.00000	0.00000	0.00000	0.00000	67,423.00		7,423	74,846.00	
	Block 4	0.00000	0.00000	0.00000	0.00000	0.00000	153,688.00			153,688.00	
	Block 5	0.00000	0.00000	0.00000	0.00000	0.00000	119,042.00			119,042.00	
	Block 6	0.00000	0.00000	0.00000	0.00000	0.00000	-			-	
42 Interr Sales	Block 1	0.02678	0.00000	0.00508	(0.00247)	(0.00202)	20,000.00			20,000.00	
C42SI	Block 2	0.02678	0.00000	0.00508	(0.00221)	(0.00181)	40,000.00			40,000.00	
	Block 3	0.02678	0.00000	0.00508	(0.00169)	(0.00139)	30,494.00			30,494.00	
	Block 4	0.02678	0.00000	0.00508	(0.00136)	(0.00111)	20,785.00			20,785.00	
	Block 5	0.02678	0.00000	0.00508	(0.00090)	(0.00074)	-			-	
	Block 6	0.02678	0.00000	0.00508	(0.00033)	(0.00028)	-			-	
42I Interr Sales	Block 1	0.02678	0.00000	0.00508	0.00000	(0.00199)	60,715.00	(4,278)		56,437.00	
I42SI	Block 2	0.02678	0.00000	0.00508	0.00000	(0.00178)	57,644.00			57,644.00	
	Block 3	0.02678	0.00000	0.00508	0.00000	(0.00137)	20,000.00			20,000.00	
	Block 4	0.02678	0.00000	0.00508	0.00000	(0.00109)	12,082.00			12,082.00	
	Block 5	0.02678	0.00000	0.00508	0.00000	(0.00073)	-			-	
	Block 6	0.02678	0.00000	0.00508	0.00000	(0.00028)	-			-	
42 Inter Trans	Block 1	0.00000	0.00000	0.00000	0.00000	0.00000	47,196.00			47,196.00	
(I42TI)	Block 2	0.00000	0.00000	0.00000	0.00000	0.00000	111,400.00			111,400.00	
	Block 3	0.00000	0.00000	0.00000	0.00000	0.00000	85,944.00			85,944.00	
	Block 4	0.00000	0.00000	0.00000	0.00000	0.00000	248,148.00			248,148.00	
	Block 5	0.00000	0.00000	0.00000	0.00000	0.00000	276,464.00			276,464.00	
	Block 6	0.00000	0.00000	0.00000	0.00000	0.00000	-			-	
43 Firm Trans		0.00000	0.00000	0.00000	0.00000	0.00000	-			-	
43 Interr Trans		0.00000	0.00000	0.00000	0.00000	0.00000	-			-	
Intentionally blank		0.00000	0.00000	0.00000	0.00000	0.00000	-			-	
61 (I61)		0.00000	0.00000	0.00000	0.00000	0.00000	-			-	
Sources:							362,938.00			362,938.00	
Temporaries Tab	Column B	Column C	Column C	Column E	Column F		total per above	12,382,978.70	(4,278)	37,423	12,416,123.70

total OR & WA	150,867,754.20	total* wa	12,416,123.70
total per CIS	150,867,754.20	total* or	133,819,204.50
difference	0.00	total*	146,235,328.20
		*including unbilled	

**Natural Gas & Regulatory Affairs**  
**1-2012 PGA Filing - Washington: October Filing**  
**Summary of Amortization Rates**  
 Paper Only - not included in filing

Amortization Rates are calculated by taking the Temporary Adjustment Rate and multiplying by 1 minus the revenue and taking the opposite sign

		191421	191431	191431	186316	186235	191421	191431	191431	186316	186235
		WACOG Deferral	Demand Deferral FIRM	Demand Deferral INTERR	R&C Energy Efficiency	Low Income Bill Pay Assist (GREAT)	WACOG Deferral	Demand Deferral FIRM	Deferral INTERR	R&C Energy Efficiency	Low Income Bill Pay Assist (GREAT)
Schedule	Block	A	B	B	C	D					
1R (R01)		0.02678	0.01455	0.00000	(0.01418)	(0.01161)	452.77	246.00	0.00	(239.74)	(196.29)
1C (C01)		0.02678	0.01455	0.00000	(0.01082)	(0.00886)	190.61	103.56	0.00	(77.01)	(63.06)
2R (R02)		0.02678	0.01455	0.00000	(0.00821)	(0.00672)	191,980.98	104,306.32	0.00	(58,856.00)	(48,174.46)
3 CFS (C03)		0.02678	0.01455	0.00000	(0.00731)	(0.00598)	60,411.08	32,822.30	0.00	(16,490.11)	(13,489.85)
3 IFS (I03)		0.02678	0.01455	0.00000	0.00000	(0.00530)	1,839.84	999.62	0.00	0.00	(364.12)
27 (R27)		0.02678	0.01455	0.00000	(0.00444)	(0.00362)	333.33	181.10	0.00	(55.26)	(45.06)
41 Firm Sales (C 41 FS)	Block 1	0.02678	0.01455	0.00000	(0.00576)	(0.00471)	4,292.32	2,332.09	0.00	(923.22)	(754.92)
	Block 2	0.02678	0.01455	0.00000	(0.00507)	(0.00415)	8,292.84	4,505.63	0.00	(1,570.00)	(1,285.11)
41I Firm Sales (I 41 IS)	Block 1	0.02678	0.01455	0.00000	0.00000	(0.00574)	551.43	299.60	0.00	0.00	(118.19)
	Block 2	0.02678	0.01455	0.00000	0.00000	(0.00506)	837.30	454.92	0.00	0.00	(158.20)
41 Firm Trans C41TF	Block 1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 2	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
41C Interr Sales (C 41 IS)	Block 1	0.02678	0.00000	0.00508	(0.00544)	(0.00461)	0.00	0.00	0.00	0.00	0.00
	Block 2	0.02678	0.00000	0.00508	(0.00479)	(0.00406)	0.00	0.00	0.00	0.00	0.00
41I Interr Sales (I 41 IS)	Block 1	0.02678	0.00000	0.00508	0.00000	(0.00461)	0.00	0.00	0.00	0.00	0.00
	Block 2	0.02678	0.00000	0.00508	0.00000	(0.00406)	0.00	0.00	0.00	0.00	0.00
42C Firm Sales C (C42SF)	Block 1	0.02678	0.01455	0.00000	(0.00390)	(0.00319)	2,079.20	1,129.66	0.00	(302.80)	(247.67)
	Block 2	0.02678	0.01455	0.00000	(0.00350)	(0.00286)	1,825.06	991.58	0.00	(238.53)	(194.91)
	Block 3	0.02678	0.01455	0.00000	(0.00268)	(0.00219)	197.82	107.48	0.00	(19.80)	(16.18)
	Block 4	0.02678	0.01455	0.00000	(0.00214)	(0.00176)	0.00	0.00	0.00	0.00	0.00
	Block 5	0.02678	0.01455	0.00000	(0.00142)	(0.00117)	0.00	0.00	0.00	0.00	0.00
	Block 6	0.02678	0.01455	0.00000	(0.00054)	(0.00044)	0.00	0.00	0.00	0.00	0.00
42I Firm Sales (I42SF)	Block 1	0.02678	0.01455	0.00000	0.00000	(0.00268)	2,671.33	1,451.38	0.00	0.00	(267.33)
	Block 2	0.02678	0.01455	0.00000	0.00000	(0.00240)	2,999.01	1,629.41	0.00	0.00	(268.77)
	Block 3	0.02678	0.01455	0.00000	0.00000	(0.00184)	814.59	442.58	0.00	0.00	(55.97)
	Block 4	0.02678	0.01455	0.00000	0.00000	(0.00147)	0.00	0.00	0.00	0.00	0.00
	Block 5	0.02678	0.01455	0.00000	0.00000	(0.00098)	0.00	0.00	0.00	0.00	0.00
	Block 6	0.02678	0.01455	0.00000	0.00000	(0.00036)	0.00	0.00	0.00	0.00	0.00
42 Firm Trans C42TF+ I42TF	Block 1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 2	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 3	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 4	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
42 Interr Sales C42SI	Block 1	0.02678	0.00000	0.00508	(0.00247)	(0.00202)	535.60	0.00	101.60	(49.40)	(40.40)
	Block 2	0.02678	0.00000	0.00508	(0.00221)	(0.00181)	1,071.20	0.00	203.20	(88.40)	(72.40)
	Block 3	0.02678	0.00000	0.00508	(0.00169)	(0.00139)	816.63	0.00	154.91	(51.53)	(42.39)
	Block 4	0.02678	0.00000	0.00508	(0.00136)	(0.00111)	556.62	0.00	105.59	(28.27)	(23.07)
	Block 5	0.02678	0.00000	0.00508	(0.00090)	(0.00074)	0.00	0.00	0.00	0.00	0.00
	Block 6	0.02678	0.00000	0.00508	(0.00033)	(0.00028)	0.00	0.00	0.00	0.00	0.00
42I Interr Sales I42SI	Block 1	0.02678	0.00000	0.00508	0.00000	(0.00199)	1,511.38	0.00	286.70	0.00	(112.31)
	Block 2	0.02678	0.00000	0.00508	0.00000	(0.00178)	1,543.71	0.00	292.83	0.00	(102.61)
	Block 3	0.02678	0.00000	0.00508	0.00000	(0.00137)	535.60	0.00	101.60	0.00	(27.40)
	Block 4	0.02678	0.00000	0.00508	0.00000	(0.00109)	323.56	0.00	61.38	0.00	(13.17)
	Block 5	0.02678	0.00000	0.00508	0.00000	(0.00073)	0.00	0.00	0.00	0.00	0.00
	Block 6	0.02678	0.00000	0.00508	0.00000	(0.00028)	0.00	0.00	0.00	0.00	0.00
42 Inter Trans (I42TI)	Block 1	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 2	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 3	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 4	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 5	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
	Block 6	0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
43 Firm Trans		0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
43 Interr Trans		0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
Intentionally blank		0.00000	0.00000	0.00000	0.00000	0.00000	0.00	0.00	0.00	0.00	0.00
61 (I61)		0.00000	0.00000	0.00000	0.00000	0.00000					
<b>Sources:</b>							Intentionally blank				
<b>Temporaries Tab</b>							286,663.81	152,003.23	1,307.81	(78,990.07)	(66,133.84)

Switchers - WA		289,729.54	<b>191421</b>
Commodity	(638.63)	154,108.36	<b>191431</b>
Commodity	(2,567.26)	(78,990)	<b>186316</b>
Commodity		(66,134)	<b>186235</b>
Commodity		0	<b>186316</b>
	(3,205.89)		

rate sensitive adj	0.95628	Annually	
Commodity	3,065.73	191421	
Demand	(346.91)		
Demand	(486.86)		
Demand			
Demand			
	(833.77)		
rate sensitive adj	0.95628	Annually	
Demand	797.32	191431	

<b>KOB1 - WA ENERGY EFFICIENCY</b>	
Internal Order	Cost Center
908-07307	11529
908-07203	11529
908-07603	11529

include in interest calc. in 186312

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Washington Energy Efficiency Programs - General Costs  
 Account Number: 186310  
 Other Info: Program under Schedule G  
 Included beginning in the 2010 PGA

Debit (Credit)

Month/Year	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Balance	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Beginning Balance								
1	Aug-09	12,600.00			67.11	12,667.11	31,093.38	
2	Sep-09	0.00			84.21	84.21	31,177.59	
3	Oct-09	0.00		3.25%	84.44	84.44	31,262.03	
4	Nov-09 old				n/a			
5	Nov-09 new			3.25%	84.67	84.67	31,346.70	
6	Dec-09	124,124.96		3.25%	252.98	124,377.94	155,724.64	
7	Jan-10	0.00		3.25%	421.75	421.75	156,146.39	
8	Feb-10	0.00		3.25%	422.90	422.90	156,569.29	
9	Mar-10	0.00		3.25%	424.04	424.04	156,993.33	
10	Apr-10	0.00		3.25%	425.19	425.19	157,418.52	
11	May-10	0.00		3.25%	426.34	426.34	157,844.86	
12	Jun-10	0.00		3.25%	427.50	427.50	158,272.36	
13	Jul-10	0.00		3.25%	428.65	428.65	158,701.01	
14	Aug-10	0.00		3.25%	429.82	429.82	159,130.83	
15	Sep-10	4,152.50		3.25%	430.98	4,583.48	163,714.31	
16	Oct-10	9,067.50		3.25%	455.67	9,523.17	173,237.48	
17	Nov-10 old	0.00		3.25%	469.18	469.18	173,706.66	
18	Nov-10 new	0.00	(173,237.48)	3.25%	0.00	(173,237.48)	469.18	transfer to 186316 Amort WA EE
19	Dec-10	6,250.00		3.25%	9.73	6,259.73	6,728.91	
20	Jan-11	2,205.00		3.25%	21.21	2,226.21	8,955.12	
21	Feb-11	10,928.12		3.25%	39.05	10,967.17	19,922.29	
22	Mar-11	19,429.00		3.25%	80.27	19,509.27	39,431.56	
23	Apr-11	4,109.76		3.25%	112.36	4,222.12	43,653.68	
24	May-11	1,397.28		3.25%	120.12	1,517.40	45,171.08	
25	Jun-11	1,863.04		3.25%	124.86	1,987.90	47,158.98	
26	Jul-11	1,863.04		3.25%	130.25	1,993.29	49,152.27	
27	Aug-11	1,397.28		3.25%	135.01	1,532.29	50,684.56	
28	Sep-11	698.64		3.25%	137.27	835.91	51,520.47	
29	Oct-11	465.76		3.25%	140.17	605.93	52,126.40	
30	Nov-11 old	1,863.04		3.25%	143.70	2,006.74	54,133.14	
31	Nov-11 new	0.00	(6,728.91)	3.25%	(18.22)	(6,747.13)	47,386.01	transfer to 186316 Amort WA EE
32	Dec-11	931.52		3.25%	129.60	1,061.12	48,447.13	



Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Washington Energy Efficiency Programs - R&C Programs  
 Account Number: 186312  
 Other Info: Program under Schedule G  
 Included beginning in the 2010 PGA

Debit (Credit)

Month/Year	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Balance	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Beginning Balance								
1	Aug-09						0.00	
2	Sep-09	0.00	407,500.00			407,500.00	407,500.00	
3	Oct-09	0.00		3.25%	1,103.65	1,103.65	408,603.65	
4	Nov-09 old				n/a			
5	Nov-09 new			3.25%	1,106.63	1,106.63	409,710.28	
6	Dec-09	0.00		0.03	1,109.63	1,109.63	410,819.91	
7	Jan-10	0.00		0.03	1,112.64	1,112.64	411,932.55	
8	Feb-10	407,500.00		0.03	1,667.47	409,167.47	821,100.02	
9	Mar-10	0.00		0.03	2,223.81	2,223.81	823,323.83	
10	Apr-10	0.00		0.03	2,229.84	2,229.84	825,553.67	
11	May-10	0.00		0.03	2,235.87	2,235.87	827,789.54	
12	Jun-10	0.00		0.03	2,241.93	2,241.93	830,031.47	
13	Jul-10	87,708.00		0.03	2,366.77	90,074.77	920,106.24	
14	Aug-10	0.00		0.03	2,491.95	2,491.95	922,598.19	
15	Sep-10	0.00		0.03	2,498.70	2,498.70	925,096.89	
16	Oct-10	495,208.00		0.03	3,176.06	498,384.06	1,423,480.95	
17	Nov-10 old	0.00		0.03	3,855.26	3,855.26	1,427,336.21	
18	Nov-10 new	0.00	(1,423,480.95)	0.03	0.00	(1,423,480.95)	3,855.26	transfer to 186316 Amort WA EE
19	Dec-10	0.00		0.03	10.44	10.44	3,865.70	
20	Jan-11	0.00		0.03	10.47	10.47	3,876.17	
21	Feb-11	0.00		0.03	10.50	10.50	3,886.67	
22	Mar-11	495,208.00		0.03	681.12	495,889.12	499,775.79	
23	Apr-11	146,936.00		0.03	1,552.54	148,488.54	648,264.33	
24	May-11	0.00		0.03	1,755.72	1,755.72	650,020.05	
25	Jun-11	0.00		0.03	1,760.47	1,760.47	651,780.52	
26	Jul-11	0.00		0.03	1,765.24	1,765.24	653,545.76	
27	Aug-11	0.00		0.03	1,770.02	1,770.02	655,315.78	
28	Sep-11	0.00		0.03	1,774.81	1,774.81	657,090.59	
29	Oct-11	0.00		0.03	1,779.62	1,779.62	658,870.21	
30	Nov-11 old	0.00		0.03	1,784.44	1,784.44	660,654.65	
31	Nov-11 new	0.00	(3,865.70)	0.03	(10.47)	(3,876.17)	656,778.48	transfer to 186316 Amort WA EE
32	Dec-11	0.00		0.03	1,778.78	1,778.78	658,557.26	

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Historically - Washington DSM Amortization; in 2010, use as Washington EE Amort  
 Account Number: 186316  
 Program under Schedule G  
 Temp Increment under Schedule 215

Debit (Credit)

	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
	Beginning Balance								
1	Aug-09		(5,655.84)			117.57	(5,538.27)	40,689.48	
2	Sep-09		(6,051.15)			102.04	(5,949.11)	34,740.37	
3	Oct-09		(8,449.05)			82.68	(8,366.37)	26,374.00	
4	Nov-09 old		(7,292.06)			61.59	(7,230.47)	19,143.53	
5	Nov-09 new		(3,563.29)	60,396.83	3.25%	158.75	56,992.29	76,135.82	
6	Dec-09		(11,781.02)	1,200.00	3.25%	193.50	(10,387.52)	65,748.30	
7	Jan-10		(13,379.91)		3.25%	159.95	(13,219.96)	52,528.34	
8	Feb-10		(9,204.78)		3.25%	129.80	(9,074.98)	43,453.36	
9	Mar-10		(7,805.35)		3.25%	107.12	(7,698.23)	35,755.13	
10	Apr-10		(7,383.21)		3.25%	86.84	(7,296.37)	28,458.76	
11	May-10		(5,638.66)		3.25%	69.44	(5,569.22)	22,889.54	
12	Jun-10		(4,466.12)		3.25%	55.94	(4,410.18)	18,479.36	
13	Jul-10		(3,202.14)		3.25%	45.71	(3,156.43)	15,322.93	
14	Aug-10		(2,618.24)		3.25%	37.95	(2,580.29)	12,742.64	
15	Sep-10		(2,850.86)		3.25%	30.65	(2,820.21)	9,922.43	
16	Oct-10		(3,486.78)		3.25%	22.15	(3,464.63)	6,457.80	
17	Nov-10 old		(2,899.69)		3.25%	13.56	(2,886.13)	3,571.67	
18	Nov-10 new		(33,814.77)	1,596,718.43	3.25%	(45.79)	1,562,857.87	1,566,429.54	Transfers from 186310 & 186312
19	Dec-10		(163,693.14)		3.25%	4,020.75	(159,672.39)	1,406,757.15	
20	Jan-11		(193,997.29)		3.25%	3,547.26	(190,450.03)	1,216,307.12	
21	Feb-11		(153,492.58)		3.25%	3,086.31	(150,406.27)	1,065,900.85	
22	Mar-11		(159,996.48)		3.25%	2,670.15	(157,326.33)	908,574.52	
23	Apr-11		(117,984.34)		3.25%	2,300.95	(115,683.39)	792,891.13	
24	May-11		(91,358.51)		3.25%	2,023.70	(89,334.81)	703,556.32	
25	Jun-11		(56,048.64)		3.25%	1,829.57	(54,219.07)	649,337.25	
26	Jul-11		(37,283.75)		3.25%	1,708.13	(35,575.62)	613,761.63	
27	Aug-11		(30,394.64)		3.25%	1,621.11	(28,773.53)	584,988.10	
28	Sep-11		(31,586.74)		3.25%	1,541.47	(30,045.27)	554,942.83	
29	Oct-11		(42,391.76)		3.25%	1,445.56	(40,946.20)	513,996.63	
30	Nov-11 old		(50,646.14)		3.25%	1,323.49	(49,322.65)	464,673.98	
31	Nov-11 new		(18,581.71)	10,594.61	3.25%	3.53	(7,983.57)	456,690.41	Transfers from 186310 & 186312
32	Dec-11		(78,990.07)		3.25%	1,129.90	(77,860.17)	378,830.24	

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Washington Low Income Weatherization  
 Account Number: 186314  
 Program under Schedule I

1	Debit	(Credit)						
2								
3					Interest			
4	Month/Year	Note	Accumulation	Transfers	Rate	Interest	Activity	Balance
5	(a)	(b)	(c)	(d)	(e2)	(e1)	(f)	(g)
6								
7	Beginning Balance							0.00
8	Jan-10		0.00		3.25%	0.00	0.03	0.03
9	Feb-10		25,084.31		3.25%	33.97	25,118.31	25,118.35
10	Mar-10		0.00		3.25%	68.03	68.06	25,186.41
11	Apr-10		0.00		3.25%	68.21	68.24	25,254.65
12	May-10		0.00		3.25%	68.40	68.43	25,323.08
13	Jun-10		0.00		3.25%	68.58	68.61	25,391.70
14	Jul-10		0.00		3.25%	68.77	68.80	25,460.50
15	Aug-10		0.00		3.25%	68.96	68.99	25,529.49
16	Sep-10		35,148.00		3.25%	69.14	35,217.17	60,746.66
17	Oct-10		440.00		3.25%	165.12	605.15	61,351.82
18	Nov-10 old		0.00		3.25%	166.16	166.16	61,517.98
19	Nov-10 new		0.00	(61,351.82)	3.25%	0.00	(61,351.82)	166.16
20	Dec-10		0.00	(166.16)	3.25%	0.00	(166.16)	0.00
21	Jan-11		29,811.17		3.25%	40.37	29,851.54	29,851.54
22	Feb-11		1,241.10		3.25%	82.53	1,323.63	31,175.17
23	Mar-11		413.70		3.25%	84.99	498.69	31,673.86
24	Apr-11		553.44		3.25%	86.53	639.97	32,313.83
25	May-11		138.82		3.25%	87.70	226.52	32,540.35
26	Jun-11		138.82		3.25%	88.32	227.14	32,767.49
27	Jul-11		21,287.91		3.25%	117.57	21,405.48	54,172.97
28	Aug-11		208.23		3.25%	147.00	355.23	54,528.20
29	Sep-11		0.00		3.25%	147.68	147.68	54,675.88
30	Oct-11		16,431.45		3.25%	170.33	16,601.78	71,277.66
31	Nov-11 old		8,827.65		3.25%	205.00	9,032.65	80,310.31
32	Nov-11 new		0.00		3.25%	0.00	0.00	80,310.31

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Washington Low Income Weatherization Amortization  
 Account Number: 186315  
 Program under Schedule I  
 2010 PGA Temp Increment under Schedule 230 as WA-LIEE

1	Debit	(Credit)							
2									
3					Interest				
4	Month/Year	Note	Accumulation	Transfers	Rate	Interest	Activity	Balance	Notes
5	(a)	(b)	(c)	(d)	(e2)	(e1)	(f)	(g)	
6									
7	Beginning Balance							0.00	
8	Jan-10								
9	Feb-10								
10	Mar-10								
11	Apr-10								
12	May-10								
13	Jun-10								
14	Jul-10								
15	Aug-10								
16	Sep-10								
17	Oct-10								
18	Nov-10 old								
18	Nov-10 new		(1,955.31)	61,351.82	3.25%	(2.65)	59,393.86	59,393.86	transfer from 186314 WA-LIEE Deferral
19	Dec-10		(9,024.81)	166.16	3.25%	149.09	(8,709.56)	50,684.30	
20	Jan-11		(10,677.23)		3.25%	122.81	(10,554.42)	40,129.88	
21	Feb-11		(8,457.70)		3.25%	97.23	(8,360.47)	31,769.41	
22	Mar-11		(8,841.53)		3.25%	74.07	(8,767.46)	23,001.95	
23	Apr-11		(6,561.29)		3.25%	53.41	(6,507.88)	16,494.07	
24	May-11		(5,102.21)		3.25%	37.76	(5,064.45)	11,429.62	
25	Jun-11		(3,161.70)		3.25%	26.67	(3,135.03)	8,294.59	
26	Jul-11		(2,105.81)		3.25%	19.61	(2,086.20)	6,208.39	
27	Aug-11		(1,740.78)		3.25%	14.46	(1,726.32)	4,482.07	
28	Sep-11		(1,795.46)		3.25%	9.71	(1,785.75)	2,696.32	
29	Oct-11		(2,392.10)		3.25%	4.06	(2,388.04)	308.28	
30	Nov-11 old		(2,761.85)		3.25%	(2.91)	(2,764.76)	(2,456.48)	
31	Nov-11 new		0.00		3.25%	0.00	0.00	(2,456.48)	
32	Dec-11		0.00		3.25%	0.00	0.00	(2,456.48)	

Company: Northwest Natural Gas Company  
 State: WA  
 Description: Washington Low Income Bill Pay Assistance (GREAT)  
 Account Number: 186234  
 Program under Schedule J

Debit (Credit)

	Month/Year	Note	Deferral	Transfers	Interest Rate	Interest	Activity	Balance	Notes
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
	Beginning Balance							0.00	
1	Aug-09								
2	Sep-09								
3	Oct-09								
4	Nov-09 old								
5	Nov-09 new								
6	Dec-09		21,062.40		3.25%	28.52	21,090.92	21,090.92	
7	Jan-10		77,181.60		3.25%	161.64	77,343.24	98,434.16	
8	Feb-10		65,719.20		3.25%	355.59	66,074.79	164,508.95	
9	Mar-10		79,250.40		3.25%	552.86	79,803.26	244,312.21	
10	Apr-10		74,162.40		3.25%	762.11	74,924.51	319,236.72	
11	May-10		66,376.80		3.25%	954.48	67,331.28	386,568.00	
12	Jun-10		59,894.40		3.25%	1,128.06	61,022.46	447,590.46	
13	Jul-10		44,335.20		3.25%	1,272.26	45,607.46	493,197.92	
14	Aug-10		12,018.14		3.25%	1,352.02	13,370.16	506,568.08	
15	Sep-10		0.00		3.25%	1,371.96	1,371.96	507,940.04	
16	Oct-10		0.00		3.25%	1,375.67	1,375.67	509,315.71	
17	Nov-10 old		0.00		3.25%	1,379.40	1,379.40	510,695.11	
18	Nov-10 new		0.00	(509,315.71)	3.25%	0.00	(509,315.71)	1,379.40	transfer to 186235 GREAT AMORT
19	Dec-10		17,340.00		3.250%	27.22	17,367.22	18,746.62	
20	Jan-11		81,793.20		3.250%	161.53	81,954.73	100,701.35	
21	Feb-11		108,960.00		3.250%	420.28	109,380.28	210,081.63	
22	Mar-11		144,069.60		3.250%	764.07	144,833.67	354,915.30	
23	Apr-11		147,837.74		3.250%	1,161.43	148,999.17	503,914.47	
24	May-11		0.00		3.250%	1,364.77	1,364.77	505,279.24	
25	Jun-11		(6,466.51)		3.250%	1,359.71	(5,106.80)	500,172.44	
26	Jul-11		(62,445.05)		3.250%	1,270.07	(61,174.98)	438,997.46	
27	Aug-11		(3,546.89)		3.250%	1,184.15	(2,362.74)	436,634.72	
28	Sep-11		(3,068.42)		3.250%	1,178.40	(1,890.02)	434,744.70	
29	Oct-11		(4,489.18)		3.250%	1,171.35	(3,317.83)	431,426.87	
30	Nov-11 old		(1,849.43)		3.250%	1,165.94	(683.49)	430,743.38	
31	Nov-11 new		0.00	(431,426.87)	3.250%	(1,168.45)	(432,595.32)	(1,851.94)	transfer to 186235 GREAT AMORT
32	Dec-11		0.00		3.250%	(5.02)	(5.02)	(1,856.96)	

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Amort WA Great Program  
 Account Number: 186235  
 Program under Schedule J  
 Temp Increment under Schedule 230

Debit (Credit)

Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Beginning Balance							0.00	
1	Aug-09							
2	Sep-09							
3	Oct-09							
4	Nov-09 old							
5	Nov-09 new	(7,109.81)	208,901.45	3.25%	556.15	202,347.79	202,347.79	
6	Dec-09	(26,425.94)		3.25%	512.24	(25,913.70)	176,434.09	
7	Jan-10	(30,262.08)		3.25%	436.86	(29,825.22)	146,608.87	
8	Feb-10	(20,581.22)		3.25%	369.20	(20,212.02)	126,396.85	
9	Mar-10	(17,609.47)		3.25%	318.48	(17,290.99)	109,105.86	
10	Apr-10	(16,342.97)		3.25%	273.36	(16,069.61)	93,036.25	
11	May-10	(12,421.95)		3.25%	235.15	(12,186.80)	80,849.45	
12	Jun-10	(9,436.87)		3.25%	206.19	(9,230.68)	71,618.77	
13	Jul-10	(6,526.64)		3.25%	185.13	(6,341.51)	65,277.26	
14	Aug-10	(5,260.77)		3.25%	169.67	(5,091.10)	60,186.16	
15	Sep-10	(5,673.53)		3.25%	155.32	(5,518.21)	54,667.95	
16	Oct-10	(7,020.34)		3.25%	138.55	(6,881.79)	47,786.16	
17	Nov-10 old	(6,849.33)		3.25%	120.15	(6,729.18)	41,056.98	
18	Nov-10 new	(17,588.68)	509,315.71	3.25%	(23.82)	491,703.21	532,760.19	transfer from 186234 GREAT Deferral
19	Dec-10	(81,146.06)		3.25%	1,333.01	(79,813.05)	452,947.14	
20	Jan-11	(96,003.65)		3.25%	1,096.73	(94,906.92)	358,040.22	
21	Feb-11	(76,052.36)		3.25%	866.70	(75,185.66)	282,854.56	
22	Mar-11	(79,509.63)		3.25%	658.40	(78,851.23)	204,003.33	
23	Apr-11	(59,005.65)		3.25%	472.61	(58,533.04)	145,470.29	
24	May-11	(45,890.72)		3.25%	331.84	(45,558.88)	99,911.41	
25	Jun-11	(28,446.28)		3.25%	232.07	(28,214.21)	71,697.20	
26	Jul-11	(18,949.82)		3.25%	168.52	(18,781.30)	52,915.90	
27	Aug-11	(15,668.59)		3.25%	122.10	(15,546.49)	37,369.41	
28	Sep-11	(16,158.96)		3.25%	79.33	(16,079.63)	21,289.78	
29	Oct-11	(21,525.40)		3.25%	28.51	(21,496.89)	(207.11)	
30	Nov-11 old	(24,831.07)		3.25%	(34.19)	(24,865.26)	(25,072.37)	
31	Nov-11 new	(16,076.45)	431,426.87	3.25%	1,146.68	416,497.10	391,424.73	transfer from 186234 GREAT Deferral
32	Dec-11	(66,133.84)		3.25%	970.55	(65,163.29)	326,261.44	

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Washington Amortization of WACOG  
 Account Number: 191421  
 Temp Increment under Schedule 201

Debit (Credit)

	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
	Beginning Balance								
1	Aug-09		(37,282.91)			789.56	(36,494.35)	273,314.35	
2	Sep-09		(40,411.10)			686.69	(39,724.41)	233,589.94	
3	Oct-09		(56,417.10)			555.90	(55,861.20)	177,728.74	
4	Nov-09 old		(47,340.04)			416.90	(46,923.14)	130,805.60	
5	Nov-09 new		164,696.55	(4,409,697.54)	3.25%	(11,719.90)	(4,256,720.89)	(4,125,915.29)	
6	Dec-09		538,177.81		3.25%	(10,445.57)	527,732.24	(3,598,183.05)	
7	Jan-10		609,774.50		3.25%	(8,919.34)	600,855.16	(2,997,327.89)	
8	Feb-10		419,977.48		3.25%	(7,549.04)	412,428.44	(2,584,899.45)	
9	Mar-10		359,134.14		3.25%	(6,514.44)	352,619.70	(2,232,279.75)	
10	Apr-10		338,444.62		3.25%	(5,587.45)	332,857.17	(1,899,422.58)	
11	May-10		260,032.10		3.25%	(4,792.14)	255,239.96	(1,644,182.62)	
12	Jun-10		208,054.98		3.25%	(4,171.25)	203,883.73	(1,440,298.89)	
13	Jul-10		147,452.81		3.25%	(3,701.13)	143,751.68	(1,296,547.21)	
14	Aug-10		130,079.26		3.25%	(3,335.33)	126,743.93	(1,169,803.28)	
15	Sep-10		132,544.51		3.25%	(2,988.73)	129,555.78	(1,040,247.50)	
16	Oct-10		160,991.21		3.25%	(2,599.33)	158,391.88	(881,855.62)	
17	Nov-10 old		134,323.07		3.25%	(2,206.46)	132,116.61	(749,739.01)	
18	Nov-10 new		935,445.33	(2,005,891.00)	3.25%	(5,305.95)	1,917,651.62	(2,667,390.63)	transfer in from 191420 WA WACOG Deferral
19	Dec-10		380,591.72		3.25%	(6,708.80)	373,882.92	(2,293,507.71)	
20	Jan-11		446,885.18		3.25%	(5,606.43)	441,278.75	(1,852,228.96)	
21	Feb-11		357,784.16		3.25%	(4,531.95)	353,252.21	(1,498,976.75)	
22	Mar-11		378,695.88		3.25%	(3,546.91)	375,148.97	(1,123,827.78)	
23	Apr-11		288,040.30		3.25%	(2,653.65)	285,386.65	(838,441.12)	
24	May-11		228,495.10		3.25%	(1,961.36)	226,533.74	(611,907.39)	
25	Jun-11		145,227.70		3.25%	(1,460.59)	143,767.11	(468,140.28)	
26	Jul-11		97,521.15		3.25%	(1,135.82)	96,385.33	(371,754.94)	
27	Aug-11		83,149.17		3.25%	(894.24)	82,254.93	(289,500.01)	
28	Sep-11		84,846.81		3.25%	(669.17)	84,177.64	(205,322.37)	
29	Oct-11		111,936.23		3.25%	(404.50)	111,531.73	(93,790.65)	
30	Nov-11 old		113,666.17		3.25%	(100.09)	113,566.08	19,775.43	
31	Nov-11 new		76,583.36	(2,015,201.00)	3.25%	(5,354.13)	(1,943,971.77)	(1,924,196.34)	transfer in from 191420 WA WACOG Deferral
32	Dec-11		289,729.54		3.25%	(4,819.02)	284,910.52	(1,639,285.82)	

Company: Northwest Natural Gas Company  
 State: Washington  
 Description: Washington Amortization of Demand  
 Account Number: 191431  
 Program under Schedule P  
 Temp Increment under Schedule 203

Debit (Credit)

	Month/Year	Note	Amortization	Transfers	Interest Rate	Interest	Activity	Balance	Notes	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)		
	Beginning Balance									
1	Aug-09		27,538.92			(722.61)	26,816.31	(252,522.96)		
2	Sep-09		29,881.13			(603.64)	29,277.49	(223,245.47)		
3	Oct-09		43,020.28			(546.39)	42,473.89	(180,771.58)		
4	Nov-09 old		40,281.33			(435.07)	39,846.26	(140,925.32)		
5	Nov-09 new		49,042.39	(165,623.04)	3.25%	(382.15)	(116,962.80)	(257,888.12)		
6	Dec-09		172,726.54		3.25%	(464.55)	172,261.99	(85,626.13)		
7	Jan-10		196,159.89	(1,500,827.06)	3.25%	(4,031.01)	(1,308,698.18)	(1,394,324.32)		
8	Feb-10		134,231.97		3.25%	(3,594.52)	130,637.45	(1,263,686.86)		
9	Mar-10		115,691.45		3.25%	(3,265.82)	112,425.63	(1,151,261.23)		
10	Apr-10		107,425.63		3.25%	(2,972.53)	104,453.10	(1,046,808.14)		
11	May-10		82,462.66		3.25%	(2,723.44)	79,739.22	(967,068.92)		
12	Jun-10		63,760.96		3.25%	(2,532.80)	61,228.16	(905,840.76)		
13	Jul-10		44,458.49		3.25%	(2,393.11)	42,065.38	(863,775.39)		
14	Aug-10		37,504.78		3.25%	(2,288.60)	35,216.18	(828,559.21)		
15	Sep-10		39,387.32		3.25%	(2,190.68)	37,196.64	(791,362.57)		
16	Oct-10		48,588.43		3.25%	(2,077.48)	46,510.95	(744,851.61)		
17	Nov-10 old		44,311.93		3.25%	(1,957.30)	42,354.63	(702,496.98)		
18	Nov-10 new		49,288.36	679,618.05	3.25%	1,907.38	730,813.79	28,316.81		
19	Dec-10		212,690.81		3.25%	364.71	213,055.52	241,372.33	transfer in from 191430 WA Demand Deferral	
20	Jan-11		250,648.39		3.25%	993.14	251,641.53	493,013.85		
21	Feb-11		199,873.38		3.25%	1,605.91	201,479.29	694,493.14		
22	Mar-11		209,576.70		3.25%	2,164.72	211,741.42	906,234.56		
23	Apr-11		157,190.43		3.25%	2,667.25	159,857.68	1,066,092.25		
24	May-11		123,390.00		3.25%	3,054.42	126,444.42	1,192,536.67		
25	Jun-11		77,454.81		3.25%	3,334.67	80,789.48	1,273,326.15		
26	Jul-11		52,163.06		3.25%	3,519.23	55,682.29	1,329,008.44		
27	Aug-11		43,969.43		3.25%	3,658.94	47,628.37	1,376,636.81		
28	Sep-11		45,031.34		3.25%	3,789.37	48,820.71	1,425,457.52		
	Oct-11 Correction								(1,651,602.41)	
29	Oct-11		59,963.66		3.25%	(531.27)	59,432.39	(166,712.50)		
30	Nov-11 old		64,053.52		3.25%	(364.77)	63,688.75	(103,023.75)		
31	Nov-11 new		39,486.33	374,550.56	3.25%	1,067.88	415,104.77	312,081.02	transfer in from 191430 WA Demand Deferral	
31	Dec-11		154,108.36		3.25%	1,053.91	155,162.27	467,243.29		



**Northwest Natural Gas Company SAP Journal Entry**

Company Code	Document Type	Document Date	Posting Date	Currency	Reference	Header Text
(4)	(2)	(8)	(8)	(3)	(16)	(25)
5000	SA	12312011 (MMDDYYYY)	12312011 (MMDDYYYY)	USD	JE 28	PGA Deferral Adj

(Black) Do not change these cells  
(Blue) Change these cells as needed

Line No.	Account	Cost Center	Internal Order	Debit (S) Credit (H)	Debit Amount	Credit Amount	Detail Text	Quantity	Unit of Measure
	(6)	(5)	(12)	(1)	(10+2)	(10+2)	(50)	(9+3)	(3)
1	540200	84020	805-02890	S	5,972,328.00		OR WACOG PGA Activity		
2	191400			H		5,972,328.00	OR WACOG PGA Activity		
3	540200	84020	805-02890	S	27,485.00		Ore Storage PGA Timing		
4	191400			H		27,485.00	OR Storage PGA Adj		
5	540100	84020	805-02880	S	607,461.97		OR DEM PGA Activity		
6	191410			H		607,461.97	OR DEM PGA Activity		
7	411000	83010	419-06205	S	64,430.00		OR PGA Interest		
8	191400			H		44,204.00	OR WACOG Interest		
9	191410			H		3,394.00	OR DEM Incr. Interest		
10	191450			H		16,832.00	OR DEM Coll. Interest		
11	540100	84020	805-02885	S	3,322,972.09		OR DEM DEF Collected		
12	191450			H	-	3,322,972.09	OR DEM DEF Collected		
13	540200	84020	805-02950	S	703,241.00		WA WACOG PGA Activity		
14	191420			H		703,241.00	WA WACOG PGA Activity		
15	540100	84020	805-02940	S	564,728.02		WA DEM PGA Activity		
16	191430			H	-	564,728.02	WA DEM PGA Activity		
17	411000	83010	419-06210	S	3,518.00		WA PGA Interest		
18	191420			H		1,934.00	WA WACOG Interest		
19	191430			H		1,584.00	WA DEM Interest		
20	191440			H		7,311.77	Encana Cost of Capital Allowance		
21	540200	84020	805-02890	S	7,311.77		Encana Cost of Capital Allowance		
				Total	<u>11,273,475.85</u>	<u>11,273,475.85</u>			

Doc # \_\_\_\_\_

Prepared by \_\_\_\_\_ Approved by \_\_\_\_\_ Posted by \_\_\_\_\_

Date \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_



**System Cost of Gas**

	November-11	December-11	January-12	February-12	March-12	April-12	May-12	June-12	July-12	August-12	September-12	October-12
<b>Contract Commodity Gas Costs:</b>												
31 Year around Contracts	\$ 10,425,050.00	\$ 14,634,171.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Encana Net Activity	134,420.42	174,900.49	-	-	-	-	-	-	-	-	-	-
33 Short Term Contracts	12,164,061.28	9,958,629.30	-	-	-	-	-	-	-	-	-	-
34 Spot Purchases	12,113,606.70	19,312,149.25	-	-	-	-	-	-	-	-	-	-
35 Volumetric Transp Chg	271,483.79	346,556.33	-	-	-	-	-	-	-	-	-	-
36 Misc. Act. Up/St Sales	(150,319.33)	(69,420.62)	-	-	-	-	-	-	-	-	-	-
36 Goldman Deal												
37 Sub Total	\$ 34,958,302.86	\$ 44,356,986.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38 Field Production Gas	\$ 424,812.62	\$ 480,251.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Storage Activity:</b>												
39 System Withdrawals	\$ 3,550,962.54	\$ 4,952,519.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40 System Injections	(1,024,003.04)	(893,127.66)	-	-	-	-	-	-	-	-	-	-
41 Sub Total	\$ 2,526,959.50	\$ 4,059,391.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Other Activity</b>												
42 P/M Imbalance Adj	199,054.91	181,593.97	1,084,702.37	-	-	-	-	-	-	-	-	-
43 C/M Imbalance Adj	(181,593.97)	(1,084,702.37)	-	-	-	-	-	-	-	-	-	-
44 Cost of Company Use Gas	30,860.98	(58,372.68)	-	-	-	-	-	-	-	-	-	-
45 Misc. Cust. Imbalance Purch	-	-	-	-	-	-	-	-	-	-	-	-
46 Prior Period Estimate Adj.	-	-	-	-	-	-	-	-	-	-	-	-
47 Total Monthly Gas Cost	\$ 37,958,396.90	\$ 47,935,148.69	\$ 1,084,702.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	ok	ok	check	ok	ok	check	check	ok	ok	check	check	ok





NW Natural

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

Demand Deferral - Volume Component	November-11	December-11	January-12	February-12	March-12	April-12	May-12	June-12	July-12	August-12	September-12	October-12
1 Embedded Seasonalized Tab 20	9,197,282.00	9,408,909.00	13,091,551.00	12,686,039.00	10,589,655.00	9,097,670.00	6,636,600.00	4,315,225.00	2,844,289.00	2,576,878.00	2,571,836.00	2,703,508.00
2 Collected line 44	9,877,158.04	12,731,881.09	-	-	-	-	-	-	-	-	-	-
3 Deferral	679,876.04	3,322,972.09	-	-	-	-	-	-	-	-	-	-
4 Previously Booked	679,876.04	-	-	-	-	-	-	-	-	-	-	-
5 Net to Book	\$ (0.00)	\$ 3,322,972.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Entry 191450.....	(3,322,972.09)											
7 Entry 805-02885.....	3,322,972.09											

Actual Fixed Charges Collected

Oregon Firm Calendar Mo. Sales:	November-11	December-11	January-12	February-12	March-12	April-12	May-12	June-12	July-12	August-12	September-12	October-12
15 Residential	45,586,047	61,046,950	0	0	0	0	0	0	0	0	0	0
16 Commercial	25,754,448	34,823,335	0	0	0	0	0	0	0	0	0	0
17 Industrial Firm	3,130,626	3,395,379	0	0	0	0	0	0	0	0	0	0
18 Total of Calendar Month Sales:	74,471,121	99,265,663	0	0	0	0	0	0	0	0	0	0
19 1 - 99 Less: 31CSF - 31SF A C	1,893,278	2,533,965										
20 31ISF - 31SF A C	972,336	1,171,804										
21 32CSF - 32SF A C	366,182	393,275										
22 32ISF - 32SF A C	689,959	717,950										
23 Total Firm Sales Fixed D/Charge	3,921,755	4,816,995	-	-	-	-	-	-	-	-	-	-
24 Total Calendar Sales less Fixed:	70,549,366	94,448,669	-	-	-	-	-	-	-	-	-	-
25 "OPGA" OR A No. 09-12A Exh 1 Line	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088
26 SFV Collected (line 24X25)	\$ 9,233,501.07	\$ 12,361,441.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
All Cycles												
27 Plus: 31CSF - 31SF A C	\$ 250,158.28	\$ 246,633.59										
28 31ISF - 31SF A C	\$ 121,090.99	\$ 126,113.44										
29 32CSF - 32SF A C	\$ 37,538.88	\$ 37,412.13										
30 32ISF - 32SF A C	\$ 79,239.48	\$ 77,053.35										
31 Prior Month Unbilled MDDV Com	\$ (195,309.86)	\$ (290,568.41)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Prior Month Unbilled MDDV Ind	\$ (80,406.71)	\$ (80,861.64)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33 Current Month Unbilled MDDV Com	\$ 290,568.41	\$ 124,483.17										
34 Current Month Unbilled MDDV Ind	\$ 80,861.64	\$ 63,055.72										
35 MDDV @1.81 D/C Collected	\$ 583,741.11	\$ 303,321.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36 Plus: 31CSI - 31SIV	\$ 2,571.03	\$ 3,308.14										
37 31ISI - 31SIV	\$ 475.72	\$ 415.53										
38 32CSI - 32SIM	\$ 36,128.33	\$ 41,761.89										
39 32ISI - 32SIM	\$ 40,337.59	\$ 44,801.76										
40 SFV Collected Interruptible Sales	\$ 79,512.67	\$ 90,287.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41 Prior Mo Manual Adjustments Com	\$ (4,757.66)	\$ (2,141.68)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42 Prior Mo Manual Adjustments Ind	\$ (7,768.18)	\$ (9,465.45)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43 Prior Mo Manual Adjustments Ind Int	\$ (615.75)	\$ (843.21)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44 Unbilled Manual Adjustments Com	\$ 2,141.68	\$ -										
45 Unbilled Manual Adjustments Ind	\$ 9,465.45	\$ -										
46 Unbilled Manual Adjustments Ind Int	\$ 843.21	\$ 161.58										
47 Collections Subject to Sensitive Adj	\$ 662,562.53	\$ 381,319.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
48 Percent impact of Sensitive Effect	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%
49 Revenue Sensitive Adjustment	\$ (18,905.56)	\$ (10,880.58)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50 Total D/C Ctd (26+47+49)	\$ 9,877,158.04	\$ 12,731,881.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



January 23, 2012		NORTHWEST NATURAL GAS COMPANY											Reference		
Page 1 OR		ACCOUNT 191.410 OREGON DEMAN D 11/11 to 10/12											See *		
		Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Balance	
Beg. Balance			(168,885)	(678,461)	(678,461)	(678,461)	(678,461)	(678,461)	(678,461)	(678,461)	(678,461)	(678,461)	(678,461)		
Nov: Accrual		(168,281)												(168,281.09)	Oct 05 Tab 3
Bal. Before Int.		(168,281)												(168,281.09)	
Int. Rate	0.08618	(604)												(604.00)	
Ending Balance		(168,885)												(168,885.09)	
Dec: Accrual			(506,544)											(506,544.20)	Nov 05 Tab 4
Bal. Before Int.			(675,429)											(675,429.29)	
Int. Rate	0.08618		(3,032)											(3,032.00)	
Ending Balance			(678,461)											(678,461.29)	
Jan: Accrual															Dec 05 Tab 5
Bal. Before Int.				(678,461)										(678,461.29)	
Int. Rate	0														
Ending Balance				(678,461)										(678,461.29)	
Feb: Accrual															Jan 05 Tab 6
Bal. Before Int.					(678,461)									(678,461.29)	
Int. Rate	0														
Ending Balance					(678,461)									(678,461.29)	
Mar: Accrual															Feb 05 Tab 7
Bal. Before Int.						(678,461)								(678,461.29)	
Int. Rate	0														
Ending Balance						(678,461)								(678,461.29)	
Apr: Accrual															Mar 05 Tab 8
Bal. Before Int.							(678,461)							(678,461.29)	
Int. Rate	0														
Ending Balance							(678,461)							(678,461.29)	
May: Accrual															Apr 05 Tab 9
Bal. Before Int.								(678,461)						(678,461.29)	
Int. Rate	0														
Ending Balance								(678,461)						(678,461.29)	
Jun: Accrual															May 05 Tab 10
Bal. Before Int.									(678,461)					(678,461.29)	
Int. Rate	0														
Ending Balance									(678,461)					(678,461.29)	
Jul: Accrual															Jun 05 Tab 11
Bal. Before Int.										(678,461)				(678,461.29)	
Int. Rate	0														
Ending Balance										(678,461)				(678,461.29)	
Aug: Accrual															Jul 05 Tab 12
Bal. Before Int.											(678,461)			(678,461.29)	
Int. Rate	0														
Ending Balance											(678,461)			(678,461.29)	
Spt: Accrual															Aug 05 Tab 13
Bal. Before Int.												(678,461)		(678,461.29)	
Int. Rate	0														
Ending Balance												(678,461)		(678,461.29)	
Oct: Accrual															Sep 05 Tab 14
Bal. Before Int.													(678,461)	(678,461.29)	
Int. Rate	0														
Ending Balance													(678,461)	(678,461.29)	
Entry JV-28A		(604)	(3,032)												(3,636.00)
Previously Book		(242)													
Net to Record		(362)	(3,032)												
<b>Monthly Deferral</b>		(168,281)	(506,544)											(674,825.29)	
Entry 191410														(3,394.00)	
Entry 419-06205														3,394.00	

\* Reference refers to electronic file (OR & WA PGA 11 -12 Deferral.xls)



January 23, 2012		NORTHWEST NATURAL GAS COMPANY												Reference	
Page 2 OR		ACCOUNT 191.450 OREGON 11/11 - 10/12 OR Demand Accrual Vol.												See *	
		Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Balance	
Beg. Balance			(682,317)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)		
Nov: Accrual		(679,876)												(679,876.04)	Oct 05 Tab 3
Bal. Before Int.		(679,876)												(679,876.04)	
Int. Rate	0.08618	(2,441)												(2,441.00)	
Ending Balance		(682,317)												(682,317.04)	
Dec: Accrual			(3,322,972)											(3,322,972.09)	Nov 05 Tab 4
Bal. Before Int.			(4,005,289)											(4,005,289.13)	
Int. Rate	0.08618		(16,832)											(16,832.00)	
Ending Balance			(4,022,121)											(4,022,121.13)	
Jan: Accrual															Dec 05 Tab 5
Bal. Before Int.				(4,022,121)										(4,022,121.13)	
Int. Rate	0														
Ending Balance				(4,022,121)										(4,022,121.13)	
Feb: Accrual															Jan 05 Tab 6
Bal. Before Int.					(4,022,121)									(4,022,121.13)	
Int. Rate	0														
Ending Balance					(4,022,121)									(4,022,121.13)	
Mar: Accrual															Feb 05 Tab 7
Bal. Before Int.						(4,022,121)								(4,022,121.13)	
Int. Rate	0														
Ending Balance						(4,022,121)								(4,022,121.13)	
Apr: Accrual															Mar 05 Tab 8
Bal. Before Int.							(4,022,121)							(4,022,121.13)	
Int. Rate	0														
Ending Balance							(4,022,121)							(4,022,121.13)	
May: Accrual															Apr 05 Tab 9
Bal. Before Int.								(4,022,121)						(4,022,121.13)	
Int. Rate	0														
Ending Balance								(4,022,121)						(4,022,121.13)	
Jun: Accrual															May 05 Tab 10
Bal. Before Int.									(4,022,121)					(4,022,121.13)	
Int. Rate	0														
Ending Balance									(4,022,121)					(4,022,121.13)	
Jul: Accrual															Jun 05 Tab 11
Bal. Before Int.										(4,022,121)				(4,022,121.13)	
Int. Rate	0														
Ending Balance										(4,022,121)				(4,022,121.13)	
Aug: Accrual															Jul 05 Tab 12
Bal. Before Int.											(4,022,121)			(4,022,121.13)	
Int. Rate	0														
Ending Balance											(4,022,121)			(4,022,121.13)	
Spt: Accrual															Aug 05 Tab 13
Bal. Before Int.												(4,022,121)		(4,022,121.13)	
Int. Rate	0														
Ending Balance												(4,022,121)		(4,022,121.13)	
Oct: Accrual															Sep 05 Tab 14
Bal. Before Int.													(4,022,121)	(4,022,121.13)	
Int. Rate	0														
Ending Balance													(4,022,121)	(4,022,121.13)	
Entry JV-28A		(2,441)	(16,832)											(19,273.00)	
Previously Book		(2,441)													
Net to Record			(16,832)												
<b>Monthly Deferral</b>		(679,876)	(3,322,972)											(4,002,848.13)	
Entry 191450														(16,832.00)	
Entry 419-06205														16,832.00	

\* Reference refers to electronic file (OR & WA PGA 11 -12 Deferral.xls)

NORTHWEST NATURAL GAS COMPANY  
 ACCOUNT 191.400 OREGON 11/11 - 10/12 WACOG

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Balance	Reference See *
Beg. Balance		(3,154,965)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)	(9,199,353)		
Nov: Accrual	(3,143,677)												(3,143,677)	Oct 05 Tab 3
Bal. Before Int.	(3,143,677)												(3,143,677)	
Int. Rate	0.08618	(11,288)											(11,288)	
Ending Balance		(3,154,965)											(3,154,965)	
Dec: Accrual		(6,000,184)											(6,000,184)	Nov 05 Tab 4
Bal. Before Int.		(9,155,149)											(9,155,149)	
Int. Rate	0.08618	(44,204)											(44,204)	
Ending Balance		(9,199,353)											(9,199,353)	
Jan: Accrual														Dec 05 Tab 5
Bal. Before Int.			(9,199,353)										(9,199,353)	
Int. Rate	0													
Ending Balance			(9,199,353)										(9,199,353)	
Feb: Accrual														Jan 05 Tab 6
Bal. Before Int.				(9,199,353)									(9,199,353)	
Int. Rate	0													
Ending Balance				(9,199,353)									(9,199,353)	
Mar: Accrual														Feb 05 Tab 7
Bal. Before Int.					(9,199,353)								(9,199,353)	
Int. Rate	0													
Ending Balance					(9,199,353)								(9,199,353)	
Apr: Accrual														Mar 05 Tab 8
Bal. Before Int.						(9,199,353)							(9,199,353)	
Int. Rate	0													
Ending Balance						(9,199,353)							(9,199,353)	
May: Accrual														Apr 05 Tab 9
Bal. Before Int.							(9,199,353)						(9,199,353)	
Int. Rate	0													
Ending Balance							(9,199,353)						(9,199,353)	
Jun: Accrual														May 05 Tab 10
Bal. Before Int.								(9,199,353)					(9,199,353)	
Int. Rate	0													
Ending Balance								(9,199,353)					(9,199,353)	
Jul: Accrual														Jun 05 Tab 11
Bal. Before Int.									(9,199,353)				(9,199,353)	
Int. Rate	0													
Ending Balance									(9,199,353)				(9,199,353)	
Aug: Accrual														Jul 05 Tab 12
Bal. Before Int.										(9,199,353)			(9,199,353)	
Int. Rate	0													
Ending Balance										(9,199,353)			(9,199,353)	
Spt: Accrual														Aug 05 Tab 13
Bal. Before Int.											(9,199,353)		(9,199,353)	
Int. Rate	0													
Ending Balance											(9,199,353)		(9,199,353)	
Oct: Accrual														Sep 05 Tab 14
Bal. Before Int.												(9,199,353)	(9,199,353)	
Int. Rate	0													
Ending Balance												(9,199,353)	(9,199,353)	
Entry JV-28A	(11,288)	(44,204)												(55,492)
Previously Book	(11,288)													
Net to Record		(44,204)												
<b>Monthly Deferral</b>	(3,143,677)	(6,000,184)											(9,143,861)	
Entry 191400													(44,204)	
Entry 419-06205													44,204	

\* Reference refers to electronic file (OR & WA PGA 11 -12 Deferral.xls)











Forecasted Baseload YR	Dec-11 (Estimate)			Embedded			Comparison to Embedded		
	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM
Contract Commodity Gas Costs:									
Hedged Encana Gas Re	1,242,819	\$ 638,646.75	0.51387		\$ 682,136.00				
Hedged Encana Sale	(1,242,819)	\$ (420,072.94)	0.33800						
Hedged Encana Cost Tr	7,061	\$ (41,115.58)	(5.82302)						
Hedged Encana Sale Tr	(7,061)	\$ (2,557.74)							
Hedged Yr around Contr	5,890,532	\$ 9,712,301.36							
Hedged Yr around Contr	3,010,847	\$ 1,033,819.00							
Hedged Yr around Contr	12,031,100	\$ 3,888,051.00	0.323167						
Yr around Contracts-Rocl									
Yr around Contracts-Albe									
Yr around Contracts-Sum									
Hedged S.T. Contracts-R									
Hedged S.T. Contracts-A									
Hedged S.T. Contracts-S									
S.T. Contracts-Rockies	11,981,274	\$ 4,105,114.38	0.342628				11,981,274	\$ 4,105,114.38	
S.T. Contracts-Alberta	12,043,388	\$ 4,132,098.50	0.343101				12,043,388	\$ 4,132,098.50	
S.T. Contracts-Sumas/St	3,007,775	\$ 960,969.00	0.319495				3,007,775	\$ 960,969.00	
Swing Contracts - Rockie	1,709,533	\$ 760,447.42	0.444828				1,709,533	\$ 760,447.42	#VALUE!
Swing Contracts - Alberta									#VALUE!
Swing Contracts - Rockie									#VALUE!
Swing Contracts - Alberta									#VALUE!
Hedged Spot Purch-Rock									#VALUE!
Hedged Spot Purch-Alber									#VALUE!
Hedged Spot Purch-Sum									#VALUE!
Spot Purchases-Rockies	16,528,969	\$ 5,335,615.00	0.322804				16,528,969	\$ 5,335,615.00	#VALUE!
Spot Purchases-Alberta	30,019,511	\$ 9,042,237.50	0.301212				30,019,511	\$ 9,042,237.50	#VALUE!
Spot Purchases-Sumas/S	13,182,787	\$ 4,934,296.75	0.374298				13,182,787	\$ 4,934,296.75	#VALUE!
Volumetric Transp Chg		\$ 346,556.33			\$ 305,403.00			\$ 41,153.33	
Misc. Act. U/S Sales	(245,010)	\$ (69,420.62)	0.283338				(245,010)	\$ (69,420.62)	
Sub Total	109,160,706	\$ 44,356,986.11	0.406346	80,341,860	\$ 37,598,186.00	0.46798	28,818,846	\$ 7,266,035.62	(0.0616)
Field Production Gas	762,942	\$ 480,251.92	0.629474				762,942	\$ 480,251.92	#VALUE!
Storage Activity:									
System Withdrawals	11,467,079	\$ 4,952,519.40	0.431890	36,374,979	\$ 17,617,730.00	0.48434	(24,907,900)	\$ (12,665,210.60)	(0.0524)
System Injections	(2,644,302)	\$ (893,127.66)	0.337756				(2,644,302)	\$ (893,127.66)	
Sub Total	8,822,777	\$ 4,059,391.74	0.460104	36,374,979	\$ 17,617,730.00	0.48434	(27,552,202)	\$ (13,558,338.26)	(0.0242)
P/M Imbalance Adj	381,532	\$ 181,594	0.475960				381,532	\$ 181,593.97	0.4760
C/M Imbalance Adj	(2,278,978)	\$ (1,084,702.37)	0.47596				(2,278,978)	\$ (1,084,702.37)	0.4760
Cost of Company Use Ge	(122,238)	\$ (58,372.68)	0.477533				(122,238)	\$ (58,372.68)	0.4775
Misc. Cust. Imbalance Pu	-	\$ -					-	\$ -	
Prior Period Estimate Adj							-	\$ -	
Line Loss & Unacct For				(319,577)			319,577		
Total Monthly Gas Cost	116,726,741	\$ 47,935,148.69	0.410661	116,397,262	\$ 55,215,916.00	0.47437	(371,630)	\$ (6,773,531.80)	(0.0637)

Dady, Robin:  
Total Hedge settlements

Dady, Robin:  
See PGA for allocation



Forecasted Baseload YR	Dec-11 (Estimate)			Embedded			Comparison to Embedded		
	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM
RESTATED COST AT EI				55,372,212.50					
ACTUAL COST OF GAS				47,935,148.69					
VARIANCE FROM ACTL				<u>(7,437,063.81)</u>					
Sales Sendout, See WAF									
Oregon	104,903,210	% Of Oregon Sales		0.9032					
Washington	11,246,452	Oregon's Share of the Var.		(6,717,156.03)					
Total	<u>116,149,662</u>								
Estimated WACOG Variar				<u>(671,715.60)</u>					
		Shareholders Share of the WACOG Deferral		663,593					
		WACOG Equalization		16,015					
		Estimated Shareholder (gain) or Loss		<u>(647,578)</u>					

**Northwest Natural Gas Company SAP Journal Entry**

Company Code	Document Type	Document Date	Posting Date	Currency	Reference	Header Text
(4)	(2)	(8)	(8)	(3)	(16)	(25)
5000	SA	12312011 (MMDDYYYY)	12312011 (MMDDYYYY)	USD	JE 28-2	PGA Deferral Adj

(Black) Do not change these cells  
(Blue) Change these cells as nee

Line No.	Account	Cost Center	Internal Order	Debit (S) Credit (H)	Debit Amount	Credit Amount	Detail Text	Quantity	Unit of Measure
	(6)	(5)	(12)	(1)	(10+2)	(10+2)	(50)	(9+3)	(3)
1	540100	84020	805-02880	H		607,461.97	Rev OR DEM PGA Activity		
2	191410			S	607,461.97	-	Rev OR DEM PGA Activity		
3	540100	84020	805-02880	H		607,461.97	Correct OR DEM PGA Activity		
4	191410			S	607,461.97	-	Correct OR DEM PGA Activity		
5	540100	84020	805-02880	S	456,348.63		OR DEM PGA Activity		
6	191410			H		456,348.63	OR DEM PGA Activity		
7	411000	83010	419-06205	H		5,978.00	OR PGA Interest		
8	191400			S	2.00	-	OR WACOG Interest		
9	191410			S	5,976.00		OR DEM Incr. Interest		
10	191450			H		-	OR DEM Coll. Interest		
11	540100	84020	805-02885	H		-	OR DEM DEF Collected		
12	191450			H	-	-	OR DEM DEF Collected		
13	540200	84020	805-02950	H			WA WACOG PGA Activity		
14	191420			H		-	WA WACOG PGA Activity		
15	540100	84020	805-02940	S	23,110.24		WA DEM PGA Activity		
16	191430			H	-	23,110.24	WA DEM PGA Activity		
17	411000	83010	419-06210	H			WA PGA Interest		
18	191420			H		-	WA WACOG Interest		
19	191430			H			WA DEM Interest		
20	191440			H			Encana Cost of Capital Allowance		
21	540200	84020	805-02890	H		-	Encana Cost of Capital Allowance		
				<b>Total</b>	<u>1,700,360.81</u>	<u>1,700,360.81</u>			

Doc # \_\_\_\_\_

Prepared by \_\_\_\_\_

Approved by \_\_\_\_\_

Posted by \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_



**System Cost of Gas**

	November-11	December-11	January-12	February-12	March-12	April-12	May-12	June-12	July-12	August-12	September-12	October-12
<b>Contract Commodity Gas Costs:</b>												
31 Year around Contracts	\$ 10,425,050.00	\$ 14,634,171.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Encana Net Activity	134,420.42	\$ 174,900.49	-	-	-	-	-	-	-	-	-	-
33 Short Term Contracts	12,164,061.28	9,958,629.30	-	-	-	-	-	-	-	-	-	-
34 Spot Purchases	12,113,606.70	19,312,149.25	-	-	-	-	-	-	-	-	-	-
35 Volumetric Transp Chg	271,483.79	346,556.33	-	-	-	-	-	-	-	-	-	-
36 Misc. Act. Up/St Sales	(150,319.33)	(69,420.62)	-	-	-	-	-	-	-	-	-	-
36 Goldman Deal												
37 Sub Total	\$ 34,958,302.86	\$ 44,356,986.11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38 Field Production Gas	\$ 424,812.62	\$ 480,251.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Storage Activity:</b>												
39 System Withdrawals	\$ 3,550,962.54	\$ 4,952,519.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40 System Injections	(1,024,003.04)	(893,127.66)	-	-	-	-	-	-	-	-	-	-
41 Sub Total	\$ 2,526,959.50	\$ 4,059,391.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Other Activity</b>												
42 P/M Imbalance Adj	199,054.91	181,593.97	1,084,702.37	-	-	-	-	-	-	-	-	-
43 C/M Imbalance Adj	(181,593.97)	(1,084,702.37)	-	-	-	-	-	-	-	-	-	-
44 Cost of Company Use Gas	30,860.98	(58,372.68)	-	-	-	-	-	-	-	-	-	-
45 Misc. Cust. Imbalance Purch	-	-	-	-	-	-	-	-	-	-	-	-
46 Prior Period Estimate Adj.	-	-	-	-	-	-	-	-	-	-	-	-
47 Total Monthly Gas Cost	\$ 37,958,396.90	\$ 47,935,148.69	\$ 1,084,702.37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	ok	ok	check	ok	ok	check	check	ok	ok	check	check	ok





**NW Natural**

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

Demand Deferral - Volume Component	November-11	December-11	January-12	February-12	March-12	April-12	May-12	June-12	July-12	August-12	September-12	October-12
1 Embedded Seasonalized Tab 20	9,197,282.00	9,408,909.00	13,091,551.00	12,686,039.00	10,589,655.00	9,097,670.00	6,636,600.00	4,315,225.00	2,844,289.00	2,576,878.00	2,571,836.00	2,703,508.00
2 Collected line 44	9,877,158.04	12,731,881.09	-	-	-	-	-	-	-	-	-	-
3 Deferral	679,876.04	3,322,972.09	-	-	-	-	-	-	-	-	-	-
4 Previously Booked	679,876.04	3,322,972.09	-	-	-	-	-	-	-	-	-	-
5 Net to Book	\$ (0.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6 Entry 191450												
7 Entry 805-02885												

**Actual Fixed Charges Collected**

Oregon Firm Calendar Mo. Sales:	November-11	December-11	January-12	February-12	March-12	April-12	May-12	June-12	July-12	August-12	September-12	October-12
15 Residential	45,586,047	61,046,950	0	0	0	0	0	0	0	0	0	0
16 Commercial	25,754,448	34,823,335	0	0	0	0	0	0	0	0	0	0
17 Industrial Firm	3,130,626	3,395,379	0	0	0	0	0	0	0	0	0	0
18 Total of Calendar Month Sales:	74,471,121	99,265,663	0	0	0	0	0	0	0	0	0	0
19 1 - 99 Less: 31CSF - 31SF A C	1,893,278	2,533,965	-	-	-	-	-	-	-	-	-	-
20 31ISF - 31SF A C	972,336	1,171,804	-	-	-	-	-	-	-	-	-	-
21 32CSF - 32SF A C	366,182	393,275	-	-	-	-	-	-	-	-	-	-
22 32ISF - 32SF A C	689,959	717,950	-	-	-	-	-	-	-	-	-	-
23 Total Firm Sales Fixed D/Charge	3,921,755	4,816,995	-	-	-	-	-	-	-	-	-	-
24 Total Calendar Sales less Fixed:	70,549,366	94,448,669	-	-	-	-	-	-	-	-	-	-
25 "OPGA" OR A No. 09-12A Exh 1 Line	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088	0.13088
26 SFV Collected (line 24X25)	\$ 9,233,501.07	\$ 12,361,441.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
All Cycles												
27 Plus: 31CSF - 31SF A C	\$ 250,158.28	\$ 246,633.59	-	-	-	-	-	-	-	-	-	-
28 31ISF - 31SF A C	\$ 121,090.99	\$ 126,113.44	-	-	-	-	-	-	-	-	-	-
29 32CSF - 32SF A C	\$ 37,538.88	\$ 37,412.13	-	-	-	-	-	-	-	-	-	-
30 32ISF - 32SF A C	\$ 79,239.48	\$ 77,053.35	-	-	-	-	-	-	-	-	-	-
31 Prior Month Unbilled MDDV Com	\$ (195,309.86)	\$ (290,568.41)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32 Prior Month Unbilled MDDV Ind	\$ (80,406.71)	\$ (80,861.64)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33 Current Month Unbilled MDDV Com	\$ 290,568.41	\$ 124,483.17	-	-	-	-	-	-	-	-	-	-
34 Current Month Unbilled MDDV Ind	\$ 80,861.64	\$ 63,055.72	-	-	-	-	-	-	-	-	-	-
35 MDDV @1.81 D/C Collected	\$ 583,741.11	\$ 303,321.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36 Plus: 31CSI - 31SIV	\$ 2,571.03	\$ 3,308.14	-	-	-	-	-	-	-	-	-	-
37 31ISI - 31SIV	\$ 475.72	\$ 415.53	-	-	-	-	-	-	-	-	-	-
38 32CSI - 32SIM	\$ 36,128.33	\$ 41,761.89	-	-	-	-	-	-	-	-	-	-
39 32ISI - 32SIM	\$ 40,337.59	\$ 44,801.76	-	-	-	-	-	-	-	-	-	-
40 SFV Collected Interruptible Sales	\$ 79,512.67	\$ 90,287.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
41 Prior Mo Manual Adjustments Com	\$ (4,757.66)	\$ (2,141.68)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
42 Prior Mo Manual Adjustments Ind	\$ (7,768.18)	\$ (9,465.45)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43 Prior Mo Manual Adjustments Ind Int	\$ (615.75)	\$ (843.21)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
44 Unbilled Manual Adjustments Com	\$ 2,141.68	\$ -	-	-	-	-	-	-	-	-	-	-
45 Unbilled Manual Adjustments Ind	\$ 9,465.45	\$ -	-	-	-	-	-	-	-	-	-	-
46 Unbilled Manual Adjustments Ind Int	\$ 843.21	\$ 161.58	-	-	-	-	-	-	-	-	-	-
47 Collections Subject to Sensitive Adj	\$ 662,562.53	\$ 381,319.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
48 Percent impact of Sensitive Effect	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%	-2.8534%
49 Revenue Sensitive Adjustment	\$ (18,905.56)	\$ (10,880.58)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50 Total D/C Ctd (26+47+49)	\$ 9,877,158.04	\$ 12,731,881.09	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Balance	Reference See *
Beg. Balance		266,965	221,179	221,179	221,179	221,179	221,179	221,179	221,179	221,179	221,179	221,179		
Nov: Accrual	266,010												266,010.38	Oct 05 Tab 3
Bal. Before Int.	266,010	-	-	-	-	-	-	-	-	-	-	-	266,010.38	
Int. Rate	0.08618	955	-	-	-	-	-	-	-	-	-	-	955.00	
Ending Balance	266,965												266,965.38	
Dec: Accrual		(47,534)											(47,533.72)	Nov 05 Tab 4
Bal. Before Int.		219,432	-	-	-	-	-	-	-	-	-	-	219,431.66	
Int. Rate	0.08618	1,747	-	-	-	-	-	-	-	-	-	-	1,747.00	
Ending Balance		221,179	-	-	-	-	-	-	-	-	-	-	221,178.66	
Jan: Accrual													-	Dec 05 Tab 5
Bal. Before Int.			221,179	-	-	-	-	-	-	-	-	-	221,178.66	
Int. Rate	0		-	-	-	-	-	-	-	-	-	-	-	
Ending Balance			221,179	-	-	-	-	-	-	-	-	-	221,178.66	
Feb: Accrual													-	Jan 05 Tab 6
Bal. Before Int.				221,179	-	-	-	-	-	-	-	-	221,178.66	
Int. Rate	0			-	-	-	-	-	-	-	-	-	-	
Ending Balance				221,179	-	-	-	-	-	-	-	-	221,178.66	
Mar: Accrual													-	Feb 05 Tab 7
Bal. Before Int.					221,179	-	-	-	-	-	-	-	221,178.66	
Int. Rate	0				-	-	-	-	-	-	-	-	-	
Ending Balance					221,179	-	-	-	-	-	-	-	221,178.66	
Apr: Accrual													-	Mar 05 Tab 8
Bal. Before Int.						221,179	-	-	-	-	-	-	221,178.66	
Int. Rate	0					-	-	-	-	-	-	-	-	
Ending Balance						221,179	-	-	-	-	-	-	221,178.66	
May: Accrual													-	Apr 05 Tab 9
Bal. Before Int.							221,179	-	-	-	-	-	221,178.66	
Int. Rate	0						-	-	-	-	-	-	-	
Ending Balance							221,179	-	-	-	-	-	221,178.66	
Jun: Accrual													-	May 05 Tab 10
Bal. Before Int.								221,179	-	-	-	-	221,178.66	
Int. Rate	0							-	-	-	-	-	-	
Ending Balance								221,179	-	-	-	-	221,178.66	
Jul: Accrual													-	Jun 05 Tab 11
Bal. Before Int.									221,179	-	-	-	221,178.66	
Int. Rate	0								-	-	-	-	-	
Ending Balance									221,179	-	-	-	221,178.66	
Aug: Accrual													-	Jul 05 Tab 12
Bal. Before Int.										221,179	-	-	221,178.66	
Int. Rate	0									-	-	-	-	
Ending Balance										221,179	-	-	221,178.66	
Spt: Accrual													-	Aug 05 Tab 13
Bal. Before Int.											221,179	-	221,178.66	
Int. Rate	0										-	-	-	
Ending Balance											221,179	-	221,178.66	
Oct: Accrual													-	Sep 05 Tab 14
Bal. Before Int.												221,179	221,178.66	
Int. Rate	0											-	-	
Ending Balance												221,179	221,178.66	
Entry JV-28A	955	1,747	-	-	-	-	-	-	-	-	-	-	2,702.00	
Previously Book	(242)	(3,032)												
Net to Record	1,197	4,779												
<b>Monthly Deferral</b>	<b>266,010</b>	<b>(47,534)</b>											<b>218,476.66</b>	
Entry 191410													5,976.00	
Entry 419-06205													(5,976.00)	

\* Reference refers to electronic file (OR & WA PGA 11 -12 Deferral.xls)

January 23, 2012		NORTHWEST NATURAL GAS COMPANY												Reference	
Page 2 OR		ACCOUNT 191.450 OREGON 11/11 - 10/12 OR Demand Accrual Vol.												See *	
		Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Balance	
088618	Beg. Balance		(682,317)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)	(4,022,121)		
	Nov: Accrual	(679,876)												(679,876.04)	Oct 05 Tab 3
	Bal. Before Int.	(679,876)												(679,876.04)	
	Int. Rate	0.08618	(2,441)											(2,441.00)	
	Ending Balance	(682,317)												(682,317.04)	
	Dec: Accrual		(3,322,972)											(3,322,972.09)	Nov 05 Tab 4
	Bal. Before Int.		(4,005,289)											(4,005,289.13)	
	Int. Rate	0.08618	(16,832)											(16,832.00)	
	Ending Balance		(4,022,121)											(4,022,121.13)	
	Jan: Accrual														Dec 05 Tab 5
	Bal. Before Int.			(4,022,121)										(4,022,121.13)	
	Int. Rate	0													
	Ending Balance			(4,022,121)										(4,022,121.13)	
	Feb: Accrual														Jan 05 Tab 6
	Bal. Before Int.				(4,022,121)									(4,022,121.13)	
	Int. Rate	0													
	Ending Balance				(4,022,121)									(4,022,121.13)	
	Mar: Accrual														Feb 05 Tab 7
	Bal. Before Int.					(4,022,121)								(4,022,121.13)	
	Int. Rate	0													
	Ending Balance					(4,022,121)								(4,022,121.13)	
	Apr: Accrual														Mar 05 Tab 8
	Bal. Before Int.						(4,022,121)							(4,022,121.13)	
	Int. Rate	0													
	Ending Balance						(4,022,121)							(4,022,121.13)	
	May: Accrual														Apr 05 Tab 9
	Bal. Before Int.							(4,022,121)						(4,022,121.13)	
	Int. Rate	0													
	Ending Balance							(4,022,121)						(4,022,121.13)	
	Jun: Accrual														May 05 Tab 10
	Bal. Before Int.								(4,022,121)					(4,022,121.13)	
	Int. Rate	0													
	Ending Balance								(4,022,121)					(4,022,121.13)	
	Jul: Accrual														Jun 05 Tab 11
	Bal. Before Int.									(4,022,121)				(4,022,121.13)	
	Int. Rate	0													
	Ending Balance									(4,022,121)				(4,022,121.13)	
	Aug: Accrual														Jul 05 Tab 12
	Bal. Before Int.										(4,022,121)			(4,022,121.13)	
	Int. Rate	0													
	Ending Balance										(4,022,121)			(4,022,121.13)	
	Spt: Accrual														Aug 05 Tab 13
	Bal. Before Int.											(4,022,121)		(4,022,121.13)	
	Int. Rate	0													
	Ending Balance											(4,022,121)		(4,022,121.13)	
	Oct: Accrual														Sep 05 Tab 14
	Bal. Before Int.												(4,022,121)	(4,022,121.13)	
	Int. Rate	0													
	Ending Balance												(4,022,121)	(4,022,121.13)	
	Entry JV-28A	(2,441)	(16,832)											(19,273.00)	
	Previously Book	(2,441)	(16,832)												
	Net to Record														
	<b>Monthly Deferral</b>	(679,876)	(3,322,972)											(4,002,848.13)	
	Entry 191450														
	Entry 419-06205														

\* Reference refers to electronic file (OR & WA PGA 11 -12 Deferral.xls)

NORTHWEST NATURAL GAS COMPANY  
ACCOUNT 191.400 OREGON 11/11 - 10/12 WACOG

Page 3 OR

	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Balance	Reference See *
Beg. Balance		(3,154,965)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)	(9,198,991)		
Nov: Accrual	(3,143,677)												(3,143,677)	Oct 05 Tab 3
Bal. Before Int.	(3,143,677)	-	-	-	-	-	-	-	-	-	-	-	(3,143,677)	
Int. Rate	0.08618	(11,288)	-	-	-	-	-	-	-	-	-	-	(11,288)	
Ending Balance	(3,154,965)	-	-	-	-	-	-	-	-	-	-	-	(3,154,965)	
Dec: Accrual		(5,999,824)											(5,999,824)	Nov 05 Tab 4
Bal. Before Int.		(9,154,789)	-	-	-	-	-	-	-	-	-	-	(9,154,789)	
Int. Rate	0.08618	(44,202)	-	-	-	-	-	-	-	-	-	-	(44,202)	
Ending Balance		(9,198,991)	-	-	-	-	-	-	-	-	-	-	(9,198,991)	
Jan: Accrual			(9,198,991)										-	Dec 05 Tab 5
Bal. Before Int.			(9,198,991)	-	-	-	-	-	-	-	-	-	(9,198,991)	
Int. Rate	0		-	-	-	-	-	-	-	-	-	-	-	
Ending Balance			(9,198,991)	-	-	-	-	-	-	-	-	-	(9,198,991)	
Feb: Accrual				(9,198,991)									-	Jan 05 Tab 6
Bal. Before Int.				(9,198,991)	-	-	-	-	-	-	-	-	(9,198,991)	
Int. Rate	0			-	-	-	-	-	-	-	-	-	-	
Ending Balance				(9,198,991)	-	-	-	-	-	-	-	-	(9,198,991)	
Mar: Accrual					(9,198,991)								-	Feb 05 Tab 7
Bal. Before Int.					(9,198,991)	-	-	-	-	-	-	-	(9,198,991)	
Int. Rate	0				-	-	-	-	-	-	-	-	-	
Ending Balance					(9,198,991)	-	-	-	-	-	-	-	(9,198,991)	
Apr: Accrual						(9,198,991)							-	Mar 05 Tab 8
Bal. Before Int.						(9,198,991)	-	-	-	-	-	-	(9,198,991)	
Int. Rate	0					-	-	-	-	-	-	-	-	
Ending Balance						(9,198,991)	-	-	-	-	-	-	(9,198,991)	
May: Accrual							(9,198,991)						-	Apr 05 Tab 9
Bal. Before Int.							(9,198,991)	-	-	-	-	-	(9,198,991)	
Int. Rate	0						-	-	-	-	-	-	-	
Ending Balance							(9,198,991)	-	-	-	-	-	(9,198,991)	
Jun: Accrual								(9,198,991)					-	May 05 Tab 10
Bal. Before Int.								(9,198,991)	-	-	-	-	(9,198,991)	
Int. Rate	0							-	-	-	-	-	-	
Ending Balance								(9,198,991)	-	-	-	-	(9,198,991)	
Jul: Accrual									(9,198,991)				-	Jun 05 Tab 11
Bal. Before Int.									(9,198,991)	-	-	-	(9,198,991)	
Int. Rate	0								-	-	-	-	-	
Ending Balance									(9,198,991)	-	-	-	(9,198,991)	
Aug: Accrual										(9,198,991)			-	Jul 05 Tab 12
Bal. Before Int.										(9,198,991)	-	-	(9,198,991)	
Int. Rate	0									-	-	-	-	
Ending Balance										(9,198,991)	-	-	(9,198,991)	
Spt: Accrual											(9,198,991)		-	Aug 05 Tab 13
Bal. Before Int.											(9,198,991)	-	(9,198,991)	
Int. Rate	0										-	-	-	
Ending Balance											(9,198,991)	-	(9,198,991)	
Oct: Accrual												(9,198,991)	-	Sep 05 Tab 14
Bal. Before Int.												(9,198,991)	(9,198,991)	
Int. Rate	0											-	-	
Ending Balance												(9,198,991)	(9,198,991)	
Entry JV-28A	(11,288)	(44,202)	-	-	-	-	-	-	-	-	-	-	(55,490)	
Previously Book	(11,288)	(44,204)												
Net to Record	-	2	-	-	-	-	-	-	-	-	-	-		
<b>Monthly Deferral</b>	<b>(3,143,677)</b>	<b>(5,999,824)</b>											<b>(9,143,501)</b>	
Entry 191400													2	
Entry 419-06205													(2)	

\* Reference refers to electronic file (OR & WA PGA 11 -12 Deferral.xls)













Forecasted Baseload YR	Dec-11 (Estimate)			Embedded			Comparison to Embedded		
	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM
Contract Commodity Gas Costs:									
Hedged Encana Gas Re	1,242,819	\$ 638,646.75	0.51387		\$ 682,136.00				
Hedged Encana Sale	(1,242,819)	\$ (420,072.94)	0.33800						
Hedged Encana Cost Tr	7,061	\$ (41,115.58)	(5.82302)						
Hedged Encana Sale Tr	(7,061)	\$ (2,557.74)	0.36224						
Hedged Yr around Contr	5,890,532	\$ 9,712,301.36	1.648799	80,341,860	\$ 36,610,647.00	0.45569	(74,451,328)	\$ (26,898,345.64)	(1.1931)
Hedged Yr around Contr	3,010,847	\$ 1,033,819.00	0.343365				3,010,847	\$ 1,033,819.00	#VALUE!
Hedged Yr around Contr	12,031,100	\$ 3,888,051.00	0.323167				12,031,100	\$ 3,888,051.00	#VALUE!
Yr around Contracts-Rock									
Yr around Contracts-Albe									
Yr around Contracts-Sum									
Hedged S.T. Contracts-R									
Hedged S.T. Contracts-A									
Hedged S.T. Contracts-S									
S.T. Contracts-Rockies	11,981,274	\$ 4,105,114.38	0.342628				11,981,274	\$ 4,105,114.38	
S.T. Contracts-Alberta	12,043,388	\$ 4,132,098.50	0.343101				12,043,388	\$ 4,132,098.50	
S.T. Contracts-Sumas/St	3,007,775	\$ 960,969.00	0.319495				3,007,775	\$ 960,969.00	
Swing Contracts - Rockie	1,709,533	\$ 760,447.42	0.444828				1,709,533	\$ 760,447.42	#VALUE!
Swing Contracts - Alberta									#VALUE!
Swing Contracts - Rockie									
Swing Contracts - Alberta									
Hedged Spot Purch-Rock									#VALUE!
Hedged Spot Purch-Albe									#VALUE!
Hedged Spot Purch-Sum									#VALUE!
Spot Purchases-Rockies	16,528,969	\$ 5,335,615.00	0.322804				16,528,969	\$ 5,335,615.00	#VALUE!
Spot Purchases-Alberta	30,019,511	\$ 9,042,237.50	0.301212				30,019,511	\$ 9,042,237.50	#VALUE!
Spot Purchases-Sumas/Σ	13,182,787	\$ 4,934,296.75	0.374298				13,182,787	\$ 4,934,296.75	#VALUE!
Volumetric Transp Chg		\$ 346,556.33			\$ 305,403.00			\$ 41,153.33	
Misc. Act. U/S Sales	(245,010)	\$ (69,420.62)	0.283338				(245,010)	\$ (69,420.62)	
Sub Total	109,160,706	\$ 44,356,986.11	0.406346	80,341,860	\$ 37,598,186.00	0.46798	28,818,846	\$ 7,266,035.62	(0.0616)
Field Production Gas	762,942	\$ 480,251.92	0.629474				762,942	\$ 480,251.92	#VALUE!
Storage Activity:									
System Withdrawals	11,467,079	\$ 4,952,519.40	0.431890	36,374,979	\$ 17,617,730.00	0.48434	(24,907,900)	\$ (12,665,210.60)	(0.0524)
System Injections	(2,644,302)	\$ (893,127.66)	0.337756				(2,644,302)	\$ (893,127.66)	
Sub Total	8,822,777	\$ 4,059,391.74	0.460104	36,374,979	\$ 17,617,730.00	0.48434	(27,552,202)	\$ (13,558,338.26)	(0.0242)
P/M Imbalance Adj	381,532	\$ 181,594	0.475960				381,532	\$ 181,593.97	0.4760
C/M Imbalance Adj	(2,278,978)	\$ (1,084,702.37)	0.47596				(2,278,978)	\$ (1,084,702.37)	0.4760
Cost of Company Use Gas	(122,238)	\$ (58,372.68)	0.477533				(122,238)	\$ (58,372.68)	0.4775
Misc. Cust. Imbalance Pu		\$ -						\$ -	
Prior Period Estimate Adj								\$ -	
Line Loss & Unacct For				(319,577)			319,577		
Total Monthly Gas Cost	116,726,741	\$ 47,935,148.69	0.410661	116,397,262	\$ 55,215,916.00	0.47437	(371,630)	\$ (6,773,531.80)	(0.0637)

Forecasted Baseload YR	Dec-11 (Estimate)			Embedded			Comparison to Embedded		
	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM	THERMS	AMOUNT	RATE/THM
RESTATED COST AT EI				55,372,212.50					
ACTUAL COST OF GAS				47,935,148.69					
VARIANCE FROM ACTL				<u>(7,437,063.81)</u>					
<u>Sales Sendout, See WAF</u>	<u>Ore. Portion of Sendout X % of Oregon Sales</u>								
Oregon.....	104,903,210	% Of Oregon Sales.....		0.9032					
Washington.....	11,246,452	Oregon's Share of the Var.		(6,717,156.03)					
Total.....	<u>116,149,662</u>								
Estimated WACOG Variar				<u>(671,715.60)</u>					
				Shareholders Share of the WACOG Deferral	663,593				
				WACOG Equalization.....	16,015				
				Estimated Shareholder (gain) or Loss.....	<u>(647,578)</u>				