

State:	Washington
Description:	Core Market Commodity Changes
Account number:	47WA.2530.01253
Class of customers:	Core
Deferral period:	11/1/2014 through 10/31/2015
Amortization period:	N/A
Narrative:	This records the deferral of the differences between core commodity costs actually incurred and the embedded commodity costs collected in tariffs based on therms sales.

**3rd Party Damage**

Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Adjustments	Deferred Balance
				Amortization	Interest		
						9,178,833.88	(994,468.77)
							Balance transferred to DG01284
Sep-15			(585,536.48)		(2,656.46)		(1,582,661.71)
Oct-15			(465,803.00)		(4,368.58)		(2,052,833.29)
Nov-15			(1,544,843.34)		(5,483.60)		(3,603,160.23)
Dec-15			(1,645,881.86)		(9,945.71)		(5,258,987.80)
Jan-16			(2,154,994.28)		(14,516.25)		(7,428,498.33)
Feb-16			(1,476,931.21)		(19,181.81)	(99.96)	(8,924,711.31)
Mar-16			(1,690,305.69)		(24,634.65)	(6,148.88)	(10,645,800.53)
Apr-16			(1,904,970.39)		(30,274.91)	(710.41)	(12,581,756.24)
May-16			(1,147,138.95)		(36,973.13)	(389.13)	(13,766,257.45)
Jun-16			(588,401.41)		(39,148.97)	(6,060.87)	(14,399,868.70)
Jul-16			(455,489.75)		(42,805.09)	(2,359.59)	(14,900,523.13)
Aug-16			(147,435.35)		(44,293.34)	(789.50)	(15,093,041.32)
						14,485,606.12	(607,435.20)
							Balance transferred to DG01286
Sep-16			(199,542.95)		(1,747.42)	(1,031.82)	(809,757.39)
Oct-16			(335,397.51)		(2,407.09)	1.93	(1,147,560.06)
Nov-16			704,713.46		(3,301.20)	(447.57)	(446,595.37)
Dec-16			3,031,102.70		(1,327.55)	(3,326.03)	2,579,853.75
Jan-17			4,901,066.06		7,668.88	111.56	7,488,700.25
Feb-17			1,733,602.92		20,106.65	(452.44)	9,241,957.38
Mar-17			(778,930.47)		27,472.67	(314.45)	8,490,185.13
Apr-17			(354,428.35)		25,889.25	(2,323.67)	8,159,322.36
May-17			(371,160.81)		25,709.69	(2,229.66)	7,811,641.58
Jun-17			734,514.16		23,820.16	(1,136.76)	8,568,839.14
Jul-17			(589,039.61)		28,819.47	(3,722.63)	8,004,896.37
Aug-17			104,863.56		26,922.77	(1,923.75)	8,134,758.95
Sep-17			(157,172.82)		26,476.97	(3,603.18)	8,000,459.92
Oct-17			(440,869.09)		28,606.58	0.00	7,588,197.41
						(8,086,773.24)	(498,575.83)
							Balance transferred to DG01286
Nov-17			538,678.29		(1,725.21)	(4,182.65)	34,194.60
Dec-17			1,082,015.64		122.27	(4,778.87)	1,111,553.64
Jan-18			653,023.03		4,012.25	(1,184.86)	1,767,404.06
Feb-18			340,119.88		5,762.22	(744.36)	2,112,541.80
Mar-18			(1,006,779.36)		7,625.41	0.00	1,113,387.85
Apr-18			(1,246,804.32)		4,090.56	(5,007.86)	(134,333.77)
May-18			(717,420.57)		(509.99)	553.66	(851,710.67)
Jun-18			(548,539.61)		(3,129.16)	(52.54)	(1,403,431.98)
Jul-18			(351,407.36)		(5,590.27)	(208.07)	(1,760,637.68)
Aug-18			478,516.10		(7,013.13)	(256.20)	(1,289,390.91)
Sep-18			(569,609.17)		(4,970.34)	(11,306.58)	(1,875,277.00)
Oct-18			600,997.39		(7,899.80)	(2,321.48)	(1,284,500.89)

State:	Washington
Description:	Core Market Demand Cost Changes
Account number:	47WA.2530.01254
Class of customers:	Core
Deferral period:	11/1/2014 through 10/31/2015
Amortization period:	N/A
Narrative:	This records the deferral of 1)the differences between core demand cost actually incurred demand costs collected in tariffs, 2)Tenaska capacity reservation and gas storage mitigatio capacity release credits and pipeline capacity sold to non-core customers through overrun rates and 4)capacity held for release based on therms sales.

Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Adjustments
				Amortization	Interest	
				Balance transferred to DG01282		(5,821,559.63)
Nov-14			(2,042,189.49)		18,112.10	
Dec-14			(1,928,263.19)		13,128.82	
Jan-15			(2,480,315.95)		7,842.53	
Feb-15			(674,822.16)		919.33	
Mar-15			388,436.35		(842.33)	
Apr-15			577,862.52		220.19	
May-15			1,918,731.16		1,823.20	
Jun-15			2,766,580.29		6,894.64	
Jul-15			2,399,363.59		14,780.01	
Aug-15			2,832,631.49		21,443.71	
				Balance transferred to DG01284		(5,384,144.42)
Sep-15			2,044,052.94		13,993.57	
Oct-15			1,449,363.23		20,140.79	
Nov-15			(1,390,444.65)		23,416.48	
Dec-15			(2,687,186.83)		20,423.65	
Jan-16			(3,079,526.16)		13,062.66	
Feb-16			(969,453.69)		4,301.71	
Mar-16			(486,867.59)		1,934.29	
Apr-16			1,543,020.98		613.78	
May-16			1,930,487.82		5,170.41	
Jun-16			2,122,731.52		10,508.32	
Jul-16			2,308,567.05		17,325.40	
Aug-16			2,440,287.90		24,239.36	
				Balance transferred to DG01284		(5,863,063.52)
Sep-16			2,020,669.89		13,680.83	
Oct-16			987,970.21		20,184.18	
Nov-16			23,140.95		22,433.24	
Dec-16			(3,621,105.43)		23,316.49	
Jan-17			(4,180,925.57)		12,621.69	
Feb-17			(2,405,942.71)		208.63	
Mar-17			(808,645.10)		(6,920.31)	
Apr-17			455,716.64		(9,585.81)	
May-17			1,529,301.15		(8,499.60)	
Jun-17			2,605,012.53		(3,588.02)	
Jul-17			2,526,262.83		4,791.88	
Aug-17			2,639,434.09		13,304.55	
Sep-17			2,063,825.70		21,509.49	
Oct-17			1,101,849.61		31,086.02	
				Balance transferred to DG01286		(3,996,277.46)
Nov-17			(1,409,759.28)		20,175.29	
Dec-17			(2,731,366.04)		15,879.18	
Jan-18			(2,688,464.38)		6,228.26	
Feb-18			(2,137,361.71)		(3,119.30)	
Mar-18			(783,790.27)		(11,179.76)	
Apr-18			480,777.20		(14,299.87)	
May-18			2,049,217.59		(13,005.58)	
Jun-18			2,019,410.58		(5,105.06)	
Jul-18			2,377,310.38		2,488.70	
Aug-18			2,779,454.41		11,968.12	
Sep-18			1,998,185.38		22,342.41	

Oct-18

730,976.68

32,927.95

and the embedded  
n costs, 3) pipeline  
and interruptible

**Deferred Balance**

6,780,425.60  
4,756,348.21  
2,841,213.84  
368,740.42  
(305,162.41)  
82,431.61  
660,514.32  
2,581,068.68  
5,354,543.61  
7,768,687.21  
10,622,762.41  
5,238,617.99  
7,296,664.50  
8,766,168.52  
7,399,140.35  
4,732,377.17  
1,665,913.67  
700,761.69  
215,828.39  
1,759,463.15  
3,695,121.38  
5,828,361.22  
8,154,253.67  
10,618,780.93  
4,755,717.41  
6,790,068.13  
7,798,222.52  
7,843,796.71  
4,246,007.77  
77,703.89  
(2,328,030.19)  
(3,143,595.60)  
(2,697,464.77)  
(1,176,663.22)  
1,424,761.29  
3,955,816.00  
6,608,554.64  
8,693,889.83  
9,826,825.46  
5,830,548.00  
4,440,964.01  
1,725,477.15  
(956,758.97)  
(3,097,239.98)  
(3,892,210.01)  
(3,425,732.68)  
(1,389,520.67)  
624,784.85  
3,004,583.93  
5,796,006.46  
7,816,534.25

8,580,438.88

State:	Washington
Description:	09/01/2016 WA Consolidated Technical Adjustments - Gas Cost
Account number:	47WA.2530.01286
Class of customers:	Core
Deferral period:	N/A
Amortization period:	09/01/2016 - 08/31/2017
Narrative:	Consolidation of Core gas cost residual deferral balances per the 09/1/2015 tracker filing

Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Adjustments	Deferred Balance
				Amortization	Interest		
						(14,485,606.12)	
						5,863,063.52	
						(504,451.07)	
						(4,085.68)	
						11,617.84	
							(9,119,461.51)
Sep-16 Prorated		7,194,580		134,565.85	(26,234.07)		(9,011,129.73)
Oct-16 0.03537		10,004,553		353,861.03	(26,786.51)		(8,684,055.21)
Nov-16 0.03537		14,546,209		514,499.41	(24,981.53)		(8,194,537.33)
Dec-16 0.03537		29,320,569		1,037,068.51	(24,359.10)		(7,181,827.92)
Jan-17 0.03537		50,070,976		1,771,010.41	(21,348.72)		(5,432,166.23)
Feb-17 0.03537		39,357,111		1,392,061.02	(14,584.99)		(4,054,690.20)
Mar-17 0.03537		35,872,415		1,268,807.31	(12,052.98)		(2,797,935.87)
Apr-17 0.03537		21,376,214		756,076.69	(8,531.79)		(2,050,390.97)
May-17 0.03537		15,973,162		564,970.75	(6,460.70)		(1,491,880.92)
Jun-17 0.03537		10,444,773		369,431.63	(4,549.21)		(1,126,998.50)
Jul-17 0.03537		6,810,348		240,882.01	(3,790.42)		(889,906.91)
Aug-17 0.03537		6,787,724		240,081.80	(2,993.01)		(652,818.12)
Sep-17 0.03537		6,429,137		227,398.58	(2,124.79)		(427,544.33)
Oct-17 0.03537		11,413,067		403,680.18	(1,528.73)		(25,392.88)
						12,083,050.70	12,057,657.82
							12,170,105.39
Nov-17 Prorated		19,831,096		70,724.77	41,722.80		10,618,422.25
Dec-17 (0.05322)		29,973,671		(1,595,198.77)	43,515.63		8,444,739.48
Jan-18 (0.05322)		41,563,527		(2,212,010.91)	38,328.14		6,889,923.00
Feb-18 (0.05322)		29,732,218		(1,582,348.64)	27,532.16		5,064,195.56
Mar-18 (0.05322)		34,772,590		(1,850,597.23)	24,869.79		3,806,969.44
Apr-18 (0.05322)		23,972,789		(1,275,831.84)	18,605.72		3,027,976.04
May-18 (0.05322)		14,908,800		(793,446.32)	14,452.92		2,563,723.63
Jun-18 (0.05322)		8,932,302		(475,377.11)	11,124.70		2,184,615.20
Jul-18 (0.05322)		7,315,304		(389,320.48)	10,212.05		1,830,894.64
Aug-18 (0.05322)		6,809,893		(362,422.51)	8,701.95		1,466,160.73
Sep-18 (0.05322)		6,985,938		(371,791.63)	7,057.72		837,951.06
Oct-18 (0.05322)		11,920,068		(634,386.02)	6,176.35		

Washington Deferrals  
 Month of October-18

Gas Cost Recognized	<u>Commodity</u> 692010	<u>Demand</u> 691010	<u>Amortization</u> 693010	<u>Total</u>
Total Gas Cost Recognized	\$ 4,615,134.70	\$ 2,779,880.79	\$ 634,386.02	\$ 8,029,401.51
Actual Gas Cost Incurred	\$ 5,216,132.09	\$ 3,766,742.89	\$ -	\$ 8,982,874.98
Deferred Gas Cost Journalized	\$ (600,997.39)	\$ (986,862.10)	\$ 634,386.02	\$ (953,473.47)
47WA.2530.01253 - Gas Loss	\$ 2,321.48			\$ 2,321.48
Gas Storage Mitigation		\$ 255,885.42		\$ 255,885.42
<b>Deferral Amount</b>	<b>\$ (598,675.91)</b>	<b>\$ (730,976.68)</b>	<b>\$ 634,386.02</b>	<b>\$ (695,266.57)</b>
	( ____ ) = credit to gas cost			
JDE Gas Cost Account Code	47WA.6011.28051	47WA.6011.28051		
JDE Deferred Gas Account Code	\$ 598,675.91 47WA.2530.01253	\$ 730,976.68 47WA.2530.01254	\$ (634,386.02)	\$ 695,266.57





State:	Washington
Description:	MAOP Deferred Costs
Account number:	47WA.1860.20479
Class of customers:	All
Deferral period:	06/01/2016 - forward
Amortization period:	N/A
Narrative:	To record incremental third-party costs incurred to implement the Maximum Allowable Operating Pressure Determination and Validation Plan (MAOP Plan).

Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Deferred Balance
				Amortization	Interest	
					Balance forward 10/31/2016	0.00
Nov-16			1,829,584.26			1,829,584.26
Dec-16			390,272.83			2,219,857.09
Jan-17			464,862.45			2,684,719.54
Feb-17			109,382.00			2,794,101.54
Mar-17			168,936.75			2,963,038.29
Apr-17			190,068.32			3,153,106.61
May-17			73,109.50			3,226,216.11
Jun-17			553,007.82			3,779,223.93
Jul-17			77,847.12			3,857,071.05
Aug-17			438,104.21			4,295,175.26
Sep-17			619,247.39			4,914,422.65
Oct-17			530,347.32			5,444,769.97
Nov-17			436,250.57			5,881,020.54
Dec-17			157,673.95			6,038,694.49
Jan-18			26,261.16			6,064,955.65
Feb-18			17,396.48			6,082,352.13
Mar-18			338,011.56			6,420,363.69
Apr-18			151,734.49			6,572,098.18
May-18			(920,500.71)			5,651,597.47
Jun-18			139,629.48			5,791,226.95
Jul-18			84,422.19			5,875,649.14
				Move to 47WA.1860.20481	(5,423,017.35)	452,631.79
Aug-18			452,125.91			904,757.70
Sep-18			974,073.17			1,878,830.87
Oct-18			557,816.94			2,436,647.81

State:	Washington
Description:	Commercial Conservation Program
Account number:	47WA.1823.47020430
Class of customers:	Core
Deferral period:	12/01/2015 through 10/31/2016
Amortization period:	n/a
Narrative:	To record deferral activity for the Washington commercial conservation program

Month/ Year	Rate	Therms	Debit (Credit)		Interest	Adjustments	Deferred Balance
			Deferral	Amortization			
Dec-15			106,186.00		680.68		353,466.37
Jan-16			42,155.00		975.66		396,597.03
Feb-16			46,723.95		1,024.09		444,345.07
Mar-16			4,550.00		1,226.51		450,121.58
Apr-16			4,473.00		1,280.07		455,874.65
May-16			40,528.00		1,339.65		497,742.30
Jun-16			6,989.00		1,415.50		506,146.80
Jul-16			7,488.00		1,504.57		515,139.37
Aug-16			19,963.50		1,531.30		536,634.17
Sep-16			24,524.65		1,543.74		562,702.56
Oct-16			0.00		1,672.69		564,375.25
						Balance transferred to RA20478 (519,697.25)	44,678.00
Nov-16			213,476.98		128.53		258,283.51
Dec-16			83,358.56		767.77		342,409.84
Jan-17			0.00		1,017.85		343,427.69
Feb-17			40,787.25		922.08		385,137.02
Mar-17			4,491.24		1,144.86		390,773.12
Apr-17			28,779.50		1,191.59		420,744.21
May-17			20,974.40		1,325.75		443,044.36
Jun-17			28,083.65		1,350.98		472,478.99
Jul-17			(18,547.50)		1,589.08		455,520.57
Aug-17			75,439.02		1,532.05		532,491.64
Sep-17			0.00		1,733.15		534,224.79
Oct-17			78,548.00		1,910.18		614,682.97
						Balance transferred to RA20478 (460,179.79)	154,503.18
Nov-17			50,312.25		534.62		205,350.05
Dec-17			125,827.05		734.25		331,911.35
Jan-18			16,554.25		1,198.06		349,663.66
Feb-18			109,895.15		1,140.00		460,698.81
Mar-18			0.00		1,662.93		462,361.74
Apr-18			58,267.93		1,698.70		522,328.37
May-18			59,699.50		1,982.99		584,010.86
Jun-18			163,358.30		2,145.64		749,514.80
Jul-18			105,554.05		2,985.53		858,054.38
Aug-18			42,842.20		3,417.88		904,314.46
Sep-18			0.00		3,485.95		907,800.41
Oct-18			245,757.14		3,824.20		1,157,381.75

State:	Washington
Description:	Low Income Weatherization Program
Account number:	47WA.1823.47020431
Class of customers:	Core
Deferral period:	12/01/2015 through 10/31/2016
Amortization period:	n/a
Narrative:	To record deferral activity for the Washington commercial conservation program

Month/ Year	Rate	Therms	Debit (Credit)			Adjustments	Deferred Balance
			Deferral	Amortization	Interest		
			Balance transferred to RA20475			(87,792.92)	25,656.74
Dec-15			5,078.86		70.82		30,806.42
Jan-16			8,551.13		85.03		39,442.58
Feb-16			3,435.07		101.85		42,979.50
Mar-16			4,412.76		118.64		47,510.90
Apr-16			25,403.73		135.11		73,049.74
May-16			3,688.79		214.67		76,953.20
Jun-16			0.00		218.84		77,172.04
Jul-16			12,688.15		229.40		90,089.59
Aug-16			3,099.70		267.80		93,457.09
Sep-16			7,309.66		268.85		101,035.60
Oct-16			0.00		300.34		101,335.94
			Balance transferred to RA20478			(90,886.69)	10,449.25
Nov-16			9,221.16		30.06		19,700.47
Dec-16			9,567.89		58.56		29,326.92
Jan-17			0.00		87.18		29,414.10
Feb-17			0.00		78.97		29,493.07
Mar-17			16,290.27		87.67		45,871.01
Apr-17			27,252.13		139.88		73,263.02
May-17			0.00		230.85		73,493.87
Jun-17			15,163.92		224.11		88,881.90
Jul-17			4,007.00		298.94		93,187.84
Aug-17			38,534.37		313.42		132,035.63
Sep-17			4,967.00		429.75		137,432.38
Oct-17			23,252.97		491.41		161,176.76
			Balance transferred to RA20478			(94,141.00)	67,035.76
Nov-17			27,926.14		231.96		95,193.86
Dec-17			18,445.25		340.38		113,979.49
Jan-18			6,893.54		411.42		121,284.45
Feb-18			37,090.82		395.42		158,770.69
Mar-18			12,947.90		573.10		172,291.69
Apr-18			19,987.78		632.99		192,912.46
May-18			42,373.93		732.38		236,018.77
Jun-18			12,874.36		867.13		249,760.26
Jul-18			4,041.26		994.87		254,796.39
Aug-18			0.00		1,014.93		255,811.32
Sep-18			22,272.44		986.10		279,069.86
Oct-18			17,998.20		1,175.61		298,243.67

State:	Washington
Description:	Washington Conservation Administration & Program Delivery Fees
Account number:	47WA.1823.47020444
Class of customers:	Core
Deferral period:	11/01/2014 through 10/31/2015
Amortization period:	n/a
Narrative:	To record deferral activity for the Washington conservation administration fees

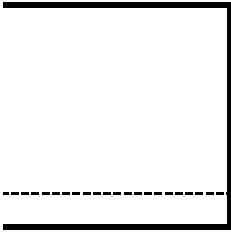
Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Adjustments	Deferred Balance
				Amortization	Interest		
				Balance transferred to RA20475		(1,106,878.69)	517,290.79
Dec-15			218,943.30		1,427.86		737,661.95
Jan-16			60,717.40		2,036.15		800,415.50
Feb-16			160,907.61		2,066.83		963,389.94
Mar-16			173,541.02		2,659.22		1,139,590.18
Apr-16			198,857.32		3,240.81		1,341,688.31
May-16			122,350.54		3,942.73		1,467,981.58
Jun-16			26,118.20		4,174.70		1,498,274.48
Jul-16			395,603.61		4,453.77		1,898,331.86
Aug-16			43,511.91		5,642.99		1,947,486.76
Sep-16			102,505.87		5,602.36		2,055,594.99
Oct-16			92,205.09		6,110.47		2,153,910.55
				Balance transferred to RA20478		(1,915,128.08)	238,782.47
Nov-16			147,702.83		686.91		387,172.21
Dec-16			147,554.73		1,150.91		535,877.85
Jan-17			284,714.64		1,592.95		822,185.44
Feb-17			109,969.79		2,207.51		934,362.74
Mar-17			241,534.37		2,777.49		1,178,674.60
Apr-17			48,694.75		3,594.15		1,230,963.50
May-17			129,160.60		3,878.72		1,364,002.82
Jun-17			147,766.21		4,159.27		1,515,928.30
Jul-17			54,331.95		5,098.50		1,575,358.75
Aug-17			228,272.02		5,298.38		1,808,929.15
Sep-17			131,597.91		5,887.69		1,946,414.75
Oct-17			289,659.31		6,959.63		2,243,033.69
				Balance transferred to RA20478		(1,591,472.06)	651,561.63
Nov-17			93,250.78		2,254.58		747,066.99
Dec-17			226,412.60		2,671.23		976,150.82
Jan-18			45,890.72		3,523.50		1,025,565.04
Feb-18			246,242.68		3,343.62		1,275,151.34
Mar-18			225,852.11		4,602.77		1,505,606.22
Apr-18			137,044.29		5,531.56		1,648,182.07
May-18			334,506.47		6,257.22		1,988,945.76
Jun-18			299,656.73		7,307.33		2,295,909.82
Jul-18			201,823.56		9,145.27		2,506,878.65
Aug-18			156,718.91		9,985.62		2,673,583.18
Sep-18			272,137.95		10,306.11		2,956,027.24
Oct-18			92,798.27		12,452.57		3,061,278.08

State:	Washington
Description:	Washington Residential Conservation Program
Account number:	47WA.1823.47020449
Class of customers:	Core
Deferral period:	11/01/2014 through 10/31/2015
Amortization period:	n/a
Narrative:	To record deferral activity for the Washington residential conservation program

Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Adjustments	Deferred Balance
				Amortization	Interest		
						(511,862.34)	122,569.71
			Balance transferred to RA20475				
Dec-15			22,978.20		338.33		145,886.24
Jan-16			90,067.05		402.69		236,355.98
Feb-16			24,303.35		610.32		261,269.65
Mar-16			33,571.15		721.18		295,561.98
Apr-16			24,642.50		840.53		321,045.01
May-16			20,473.35		943.43		342,461.79
Jun-16			73,125.02		973.91		416,560.72
Jul-16			20,317.65		1,238.27		438,116.64
Aug-16			42,789.85		1,302.35		482,208.84
Sep-16			41,774.55		1,387.18		525,370.57
Oct-16			46,408.50		1,561.72		573,340.79
						(441,993.05)	131,347.74
			Balance transferred to RA20478				
Nov-16			39,639.70		377.85		171,365.29
Dec-16			23,267.60		509.40		195,142.29
Jan-17			21,792.80		580.08		217,515.17
Feb-17			61,070.30		584.01		279,169.48
Mar-17			73,979.30		829.86		353,978.64
Apr-17			52,392.95		1,079.39		407,450.98
May-17			101,274.45		1,283.86		510,009.29
Jun-17			71,785.45		1,555.18		583,349.92
Jul-17			75,776.05		1,961.97		661,087.94
Aug-17			75,153.45		2,223.43		738,464.82
Sep-17			118,113.15		2,403.55		858,981.52
Oct-17			128,691.70		3,071.39		990,744.61
						(667,849.78)	322,894.83
			Balance transferred to RA20478				
Nov-17			107,628.25		1,117.30		431,640.38
Dec-17			267,335.50		1,543.38		700,519.26
Jan-18			105,703.00		2,528.59		808,750.85
Feb-18			144,603.50		2,636.75		955,991.10
Mar-18			144,000.65		3,450.73		1,103,442.48
Apr-18			228,192.75		4,054.02		1,335,689.25
May-18			250,114.00		5,070.86		1,590,874.11
Jun-18			253,400.25		5,844.83		1,850,119.19
Jul-18			289,291.75		7,369.56		2,146,780.50
Aug-18			234,419.50		8,551.24		2,389,751.24
Sep-18			209,083.25		9,212.00		2,608,046.49
Oct-18			218,477.25		10,986.66		2,837,510.40

State:	Washington
Description:	Rule 21 Decoupling Mechanism
Account number:	47WA.1862.20477
Class of customers:	Core
Deferral period:	09/01/2016 through 12/31/2017
Amortization period:	n/a
Narrative:	To record deferral activity for the Washington Decoupling Mechanism (Rule 21)

Month/ Year	Rate	Therms	Deferral	Debit (Credit)		Adjustments
				Amortization	Interest	
						Balance forward 08/31/2016
Sep-16			11,987.21		0.00	
Oct-16			106,762.45		35.63	
Nov-16			1,565,078.06		341.71	
Dec-16			(1,878,222.42)		5,006.47	
Jan-17			(3,172,497.17)		(561.85)	
Feb-17			(1,296,785.68)		(9,026.93)	
Mar-17			(644,163.90)		(13,875.76)	
Apr-17			(800,040.13)		(16,240.41)	
May-17			(358,834.10)		(19,353.83)	
Jun-17			736,242.69		(19,882.73)	
Jul-17			133,175.96		(19,520.62)	
Aug-17			493,325.73		(19,138.37)	
Sep-17			(32,838.20)		(16,977.62)	
Oct-17			(89,282.54)		(18,829.21)	
						Balance transferred to 20480 195,037.47
Nov-17			(64,892.24)		(17,921.03)	
Dec-17			(618,556.96)	(680.90)	(18,814.51)	
Jan-18			254,921.14		(21,296.37)	
Feb-18			(811,118.47)		(18,473.75)	
Mar-18			(448,352.57)		(23,447.57)	
Apr-18			(552,354.38)		(25,599.18)	
May-18			546,739.60		(28,646.65)	
Jun-18			(92,773.67)		(25,819.11)	
Jul-18			23,270.85		(28,465.23)	
Aug-18			450,457.18		(28,485.92)	
Sep-18			(83,303.36)		(25,940.41)	
Oct-18			302,039.75		(28,808.44)	



**Deferred Balance**

0.00  
11,987.21  
118,785.29  
1,684,205.06  
(189,010.89)  
(3,362,069.91)  
(4,667,882.52)  
(5,325,922.18)  
(6,142,202.72)  
(6,520,390.65)  
(5,804,030.69)  
(5,690,375.35)  
(5,216,187.99)  
(5,266,003.81)  
(5,374,115.56)  
(5,179,078.09)  
(5,261,891.36)  
(5,899,943.73)  
(5,666,318.96)  
(6,495,911.18)  
(6,967,711.32)  
(7,545,664.88)  
(7,027,571.93)  
(7,146,164.71)  
(7,151,359.09)  
(6,729,387.83)  
(6,838,631.60)  
(6,565,400.29)

State:	Washington
Description:	11/01/2016 WA Consolidated Technical Adjustments - Conservation
Account number:	47WA.1823.47020478
Class of customers:	Core
Deferral period:	N/A
Amortization period:	11/01/2016 - 10/31/2017
Narrative:	Consolidation of Core Conservation deferral balances per the 11/1/2016 tracker filing

Month/ Year	Rate	Therms	Deferral	Debit (Credit) Amortization	Interest	Adjustments
				Balance transferred from RA20430		519,697.25
				Balance transferred from RA20431		90,886.69
				Balance transferred from RA20444		1,915,128.08
				Balance transferred from RA20449		441,993.05
				Balance transferred from RA20475		581,148.86
Nov-16	Prorated	14,546,209		(165,956.14)	10,209.03	
Dec-16	(0.01364)	29,320,569		(399,932.57)	10,086.36	
Jan-17	(0.01364)	50,070,976		(682,968.10)	8,927.50	
Feb-17	(0.01364)	39,357,111		(536,830.99)	6,253.80	
Mar-17	(0.01364)	35,872,415		(489,299.74)	5,346.65	
Apr-17	(0.01364)	21,376,214		(291,571.56)	4,008.90	
May-17	(0.01364)	15,973,162		(217,873.93)	3,236.44	
Jun-17	(0.01364)	10,444,773		(142,466.70)	2,477.54	
Jul-17	(0.01364)	6,810,348		(92,893.16)	2,261.81	
Aug-17	(0.01364)	6,787,724		(92,584.55)	1,956.99	
Sep-17	(0.01364)	6,429,137		(87,693.42)	1,598.89	
Oct-17	(0.01364)	11,413,067		(155,674.24)	1,448.65	
				Balance transferred from 20430, 20431, 20444, and 20449		2,813,642.63
Nov-17	Prorated	19,831,096		(266,295.76)	10,604.23	
Dec-17	(0.01305)	29,973,671		(391,156.40)	10,043.45	
Jan-18	(0.01305)	35,051,211		(457,418.30)	8,763.21	
Feb-18	(0.01305)	33,069,193		(431,552.99)	6,452.42	
Mar-18	(0.01305)	26,847,264		(350,356.79)	5,609.32	
Apr-18	(0.01305)	18,420,877		(240,392.44)	4,442.77	
May-18	(0.01305)	9,123,371		(119,059.98)	3,695.10	
Jun-18	(0.01305)	8,475,556		(110,606.02)	3,152.05	
Jul-18	(0.01305)	7,002,546		(91,383.21)	2,989.41	
Aug-18	(0.01305)	4,282,904		(55,891.90)	2,637.31	
Sep-18	(0.01305)	8,899,792		(116,142.29)	2,346.95	
Oct-18	(0.01305)	16,882,992		(220,323.04)	2,085.42	





**Deferred Balance**

3,548,853.93  
3,393,106.82  
3,003,260.61  
2,329,220.01  
1,798,642.82  
1,314,689.73  
1,027,127.07  
812,489.58  
672,500.42  
581,869.07  
491,241.51  
405,146.98  
250,921.39  
3,064,564.02  
2,808,872.49  
2,427,759.54  
1,979,104.45  
1,554,003.88  
1,209,256.41  
973,306.74  
857,941.86  
750,487.89  
662,094.09  
608,839.50  
495,044.16  
276,806.54

State:	Washington
Description:	WA MAOP Pre-Code Costs Amortization
Account number:	47WA.1860.20481
Class of customers:	
Deferral period:	11/1/16 to 12/31/17
Amortization period:	8/1/18 to 7/31/28
Narrative:	Amortization of previously deferred WA Pre-Code Pipe MAOP Costs on straight line basis over a period of 120 months. Docket UG-170929

Month/ Year	Rate	Therms	Deferral	Debit (Credit) Amortization	Interest	Adjustments	Deferred Balance
						5,423,017.35	5,423,017.35
							5,377,825.54
Aug-18	Sraight Line			(45,191.81)			5,332,633.73
Sep-18	Sraight Line			(45,191.81)			5,287,441.92
Oct-18	Sraight Line			(45,191.81)			

**CASCADE NATURAL GAS CORPORATION  
STATE OF WASHINGTON  
FERC Interest Rates**

Check for rate changes quarterly

Rates can be found at:

<http://www.ferc.gov/enforcement/acct-matts/interest-rates.asp>

Month/ Year	Interest Rate	# of Days in Month	
Jan-13	3.25%	31	FERCINT13
Feb-13	3.25%	28	
Mar-13	3.25%	31	
Apr-13	3.25%	30	
May-13	3.25%	31	
Jun-13	3.25%	30	
Jul-13	3.25%	31	
Aug-13	3.25%	31	
Sep-13	3.25%	30	
Oct-13	3.25%	31	
Nov-13	3.25%	30	
Dec-13	3.25%	31	
Jan-14	3.25%	31	FERCINT14
Feb-14	3.25%	28	
Mar-14	3.25%	31	
Apr-14	3.25%	30	
May-14	3.25%	31	
Jun-14	3.25%	30	
Jul-14	3.25%	31	
Aug-14	3.25%	31	
Sep-14	3.25%	30	
Oct-14	3.25%	31	
Nov-14	3.25%	30	
Dec-14	3.25%	31	
Jan-15	3.25%	31	FERCINT15
Feb-15	3.25%	28	
Mar-15	3.25%	31	
Apr-15	3.25%	30	
May-15	3.25%	31	
Jun-15	3.25%	30	
Jul-15	3.25%	31	
Aug-15	3.25%	31	
Sep-15	3.25%	30	
Oct-15	3.25%	31	
Nov-15	3.25%	30	
Dec-15	3.25%	31	
Jan-16	3.25%	31	FERCINT16
Feb-16	3.25%	29	
Mar-16	3.25%	31	
Apr-16	3.46%	30	
May-16	3.46%	31	
Jun-16	3.46%	30	
Jul-16	3.50%	31	
Aug-16	3.50%	31	
Sep-16	3.50%	30	
Oct-16	3.50%	31	
Nov-16	3.50%	30	
Dec-16	3.50%	31	
Jan-17	3.50%	31	FERCINT17
Feb-17	3.50%	28	
Mar-17	3.50%	31	
Apr-17	3.71%	30	
May-17	3.71%	31	
Jun-17	3.71%	30	
Jul-17	3.96%	31	
Aug-17	3.96%	31	
Sep-17	3.96%	30	
Oct-17	4.21%	31	
Nov-17	4.21%	30	
Dec-17	4.21%	31	
Jan-18	4.25%	31	FERCINT18
Feb-18	4.25%	28	
Mar-18	4.25%	31	
Apr-18	4.47%	30	
May-18	4.47%	31	
Jun-18	4.47%	30	
Jul-18	4.69%	31	
Aug-18	4.69%	31	
Sep-18	4.69%	30	
Oct-18	4.96%	31	
Nov-18	4.96%	30	
Dec-18	4.96%	31	

WASHINGTON DELIVERED VOLUMES																	
SOURCE(S): CA1501 & CA1501A																	
Date	FIRM				INTERRUPTIBLE			TOTAL CORE	NONCORE [4861 & 4863]	TOTAL ALL CLASSES	NONCORE EXCLUSIONS			NET ALL CLASSES	TRANSP VOLUME S R/S 685/902	Unbilled Adj for Conservation	
	Residential [4800]	Commercial [4810]	Industrial [4809]	Total Firm	Industrial/ Small [4811]	Institutional [4813]	Total Interruptible				Schedules	Therms	NET NONCORE			Residential	Commercial
Nov-14	6,851,471	4,831,845	977,303	12,660,619	11,804	461,069	472,873	13,133,492	63,553,432	76,686,924	9XX	18,280,567	45,272,865	58,406,357	535,558		
Dec-14	16,768,304	12,223,769	1,506,794	30,498,867	11,017	527,921	538,938	31,037,805	62,749,109	93,786,914	9XX	18,271,750	44,477,359	75,515,164	596,910		
Jan-15	17,578,866	12,961,800	1,412,476	31,953,142	12,204	529,386	541,590	32,494,732	60,404,698	92,899,430	9XX	17,396,653	43,008,045	75,502,777	633,361		
Feb-15	14,997,100	11,518,730	1,613,976	28,129,806	14,542	405,250	419,792	28,549,598	46,864,725	75,414,323	9XX	13,737,695	33,127,030	61,676,628	509,140		
Mar-15	12,686,420	9,397,664	1,284,186	23,368,270	9,430	394,245	403,675	23,771,945	58,650,196	82,422,141	9XX	15,720,229	42,929,967	66,701,912	531,599		
Apr-15	9,059,678	6,918,371	935,256	16,913,305	11,896	361,119	373,015	17,286,320	53,979,036	71,265,356	9XX	14,807,268	39,171,768	56,458,088	464,913		
May-15	6,136,917	4,971,568	856,194	11,964,679	14,905	268,036	282,941	12,247,620	61,014,083	73,261,703	9XX	16,090,926	44,923,157	57,170,777	456,023		
Jun-15	3,875,649	3,719,322	678,441	8,273,412	16,538	223,986	240,524	8,513,936	58,983,155	67,497,091	9XX	17,693,406	41,289,749	49,803,685	391,055		
Jul-15	2,480,569	2,695,667	589,631	5,765,867	8,369	197,044	205,413	5,971,280	70,486,977	76,458,257	9XX	20,475,436	50,011,541	55,982,821	384,110		
Aug-15	2,474,134	2,789,182	586,174	5,849,490	11,302	188,629	199,931	6,049,421	68,567,121	74,616,542	9XX	17,645,950	50,921,171	56,970,592	397,888		
Sep-15	2,883,443	2,967,093	1,107,425	6,957,961	10,868	238,237	249,105	7,207,066	66,745,685	73,952,751	9XX	16,228,224	50,517,461	57,724,527	400,700		
Oct-15	4,297,977	3,987,098	1,392,251	9,677,326	11,066	286,826	297,892	9,975,218	71,296,621	81,271,839	9XX	16,831,636	54,464,985	64,440,203	448,712		
Nov-15	7,123,102	5,044,532	935,529	13,103,163	15,659	424,322	439,981	13,543,144	75,388,536	88,931,680	9XX	20,661,845	54,726,691	68,269,835	535,022		
Dec-15	16,299,312	11,530,090	1,360,411	29,189,813	(14,981)	481,485	476,504	29,666,317	69,873,927	99,540,244	9XX	17,417,409	52,456,518	82,122,835	310,029		
Jan-16	21,787,927	15,916,106	1,722,828	39,428,861	430	491,944	492,374	39,919,235	73,027,260	112,946,495	9XX	18,700,666	54,326,594	94,245,829	49,213		
Feb-16	15,744,661	11,885,158	1,421,652	29,051,471	342	401,220	401,562	29,453,033	63,009,506	92,462,539	9XX	16,475,711	46,533,795	75,986,828	0		
Mar-16	14,256,698	10,571,037	1,579,035	26,406,770	256	399,311	399,567	26,806,337	46,827,836	73,634,173	9XX	15,961,999	30,865,837	57,672,174	0		
Apr-16	9,205,504	7,116,368	1,060,027	17,381,899	238	287,800	288,038	17,669,937	42,731,425	60,401,362	9XX	14,334,132	28,397,293	46,067,230	(771)		
May-16	4,937,819	4,184,525	766,236	9,888,580	223	239,257	239,480	10,128,060	51,257,102	61,385,162	9XX	13,872,840	37,384,262	47,512,322	0		
Jun-16	4,130,248	3,716,222	829,383	8,675,853	392	195,115	195,507	8,871,360	56,089,235	64,960,595	9XX	13,149,208	42,940,027	51,811,387	0		
Jul-16	3,164,014	3,100,705	619,421	6,884,140	0	228,897	228,897	7,113,037	66,329,579	73,442,616	9XX	16,609,315	49,720,264	56,833,301	0		
Aug-16	2,693,650	2,827,136	833,412	6,354,198	473	179,539	180,012	6,534,210	82,640,639	89,174,489	9XX	22,859,171	59,781,468	66,315,678	0		
Sep-16	2,961,359	3,113,107	886,709	6,961,175	407	232,998	233,405	7,194,580	67,183,028	74,377,608	9XX	17,483,476	49,699,552	56,894,132	0		
Oct-16	4,470,556	3,871,269	1,333,607	9,675,432	0	329,121	329,121	10,004,553	53,420,952	63,425,505	9XX	15,965,615	37,455,337	47,459,890	0		
Nov-16	7,460,324	5,202,631	1,187,068	14,168,023	42	378,144	378,186	14,546,209	53,596,303	68,142,512	9XX	16,782,523	36,813,780	51,359,989	0		
Dec-16	16,023,779	11,191,376	1,548,255	28,763,410	302	556,857	557,159	29,320,569	68,029,134	97,349,703	9XX	20,703,298	47,325,836	76,646,405	0		
Jan-17	27,190,532	20,214,298	2,077,956	49,482,786	306	587,884	588,190	50,070,976	68,735,067	118,806,043	9XX	20,521,378	48,213,689	98,284,665	0		
Feb-17	20,884,784	16,301,402	1,709,089	38,895,275	0	461,836	461,836	39,357,111	54,962,174	94,319,285	9XX	16,841,995	38,120,179	77,477,290	0		
Mar-17	19,202,444	14,510,217	1,905,197	35,617,858	0	254,557	254,557	35,872,415	54,471,828	90,344,243	9XX	16,037,354	38,434,474	74,306,889	0		
Apr-17	11,408,371	8,565,387	1,187,261	21,161,019	0	215,195	215,195	21,376,214	52,239,986	73,616,200	9XX	15,656,487	36,583,499	57,959,713	0		
May-17	8,224,421	6,567,715	1,017,214	15,809,350	0	163,812	163,812	15,973,162	42,469,938	58,443,100	9XX	14,227,598	28,242,340	44,215,502	0		
Jun-17	4,796,437	4,961,620	969,855	10,327,912	0	116,861	116,861	10,444,773	43,587,666	54,032,439	9XX	14,244,334	29,343,332	39,788,105	0		
Jul-17	2,971,109	3,057,015	669,283	6,697,407	0	112,941	112,941	6,810,348	62,392,264	69,202,612	9XX	16,948,160	45,444,104	52,254,452	0		
Aug-17	2,722,316	3,053,970	907,798	6,684,084	0	103,640	103,640	6,787,724	69,873,662	76,661,386	9XX	19,052,487	50,821,175	57,608,899	0		
Sep-17	2,576,731	2,907,438	832,457	6,316,626	0	112,511	112,511	6,429,137	63,673,834	70,102,971	9XX	14,982,157	48,691,677	55,120,814	0		
Oct-17	5,100,019	4,572,606	1,530,746	11,203,371	555	209,161	209,696	11,413,067	65,017,940	76,431,007	9XX	12,260,391	52,757,849	64,170,616	0		
Nov-17	10,497,863	7,824,318	1,278,888	19,601,069	372	229,655	230,027	19,831,096	56,986,228	76,817,324	9XX	16,006,391	40,979,837	60,810,933	0		
Dec-17	16,164,227	11,941,017	1,609,946	29,715,190	417	258,064	258,481	29,973,671	67,233,200	97,206,871	9XX	18,332,752	48,900,448	78,874,119	0		
Jan-18	22,610,497	16,794,373	1,908,527	41,313,397	1,267	248,863	250,130	41,563,527	54,951,202	96,514,729	9XX	16,106,174	38,845,028	80,408,555	0	(3,815,885)	(2,696,431)
Feb-18	15,930,429	12,042,136	1,517,494	29,490,059	0	242,159	242,159	29,732,218	54,242,617	83,974,835	9XX	15,600,254	38,642,363	68,374,581	0	1,796,706	1,540,269
Mar-18	18,880,636	13,966,018	1,685,605	34,532,259	51	240,280	240,331	34,772,590	59,385,558	94,158,148	9XX	15,393,493	43,992,065	78,764,655	0	(4,419,538)	(3,505,788)
Apr-18	12,554,859	9,769,343	1,448,402	23,772,604	0	200,185	200,185	23,972,789	45,855,998	69,828,787	9XX	13,481,424	32,374,574	56,347,363	0	(3,348,229)	(2,203,683)
May-18	7,404,984	6,240,880	1,118,410	14,764,274	0	144,526	144,526	14,908,800	50,437,690	65,346,490	9XX	12,524,361	37,913,329	52,822,129	0	(3,362,461)	(2,422,968)
Jun-18	4,018,990	3,937,725	859,503	8,816,218	167	115,917	116,084	8,932,302	46,107,353	55,039,655	9XX	11,289,315	34,818,038	43,750,340	0	(432,725)	(24,021)
Jul-18	3,122,808	3,295,828	781,268	7,199,904	0	115,400	115,400	7,315,304	78,444,364	85,759,668	9XX	20,278,276	58,166,088	65,481,392	0	(251,657)	(61,101)
Aug-18	2,715,109	3,197,563	798,722	6,711,394	359	98,140	98,499	6,809,893	76,939,361	83,749,254	9XX	17,565,446	59,373,915	66,183,808	0	(1,304,429)	(1,222,560)
Sep-18	2,809,188	3,168,892	889,025	6,867,105	188	118,645	118,833	6,985,938	72,015,829	79,001,767	9XX	9,779,883	62,235,946	69,221,884	0	927,346	986,508
Oct-18	5,307,116	4,936,473	1,478,716	11,722,305	21	197,742	197,763	11,920,068	58,653,521	70,573,589	9XX	12,455,009	46,198,512	58,118,580	0	2,772,318	2,190,606