# July 2016 Activity

NW Natural Quarterly Results of Operations Report to the WUTC 3rd Quarter 2016

NW Natural Washington Results of Operations Monthly Summary

Total Operating Revenue

Totai Rate Base Rate Of Return on Rate Base

 System
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391,305

1,029,626,028

July 2016 Oregon Total UG-\_\_\_\_-NWN's 3Q 2016 Quarterly Results of Operations Page 2 of 53

NW Natural Washington Quarterly Results of Operations Report

thy Summary	Sales of Gas 480.1 Residential 481.1 Commercial 481.2 Industrial Firm		493.20 Unbilled Revenue Todal Sales of Gas	Tran		459.3 Agency Fee/Balancing Total Transportation Revenue	495.6 Rate Adjustments - Amortizations	Miscellaneous Revenues					493.2 Rent - Utility Property 495.1 Meter Rentals	Utrier use Revenue - Miscellaneous Total Miscellaneous Revenues	Total Operating Revenue	Cost of Gas 804.7 WACOG Incurred 805.7 WACOG Incurred 804.6 Dennand Incurred 804.6 Dennand Deferred	Total Cost of Gas	Detail Operations & Maintenance	Other	408.13 Payroll 408.15 Payroll 408.15 Requisitory		403.1 Depreciation	Income Taxes 409.11 Federal Income Taxes 410.11 Federal Income Taxes - Deferred 411.42 Federal Income Taxes - Deferred 409.12 Oregon Income Taxes - Deferred 411.12 Oregon Income Taxes - Deferred 411.12 Total Income Taxes	Total Operating Revenue Deductions
Direct	14,386,217 8,660,321 1,509,655	1,318,556 0	25,874,750	840,290 317 may	0	1,503,933	404,219	77,342 2003	13,850	260,91	1,760	3,178	17,045	178,733	27,961,635	6,646,224 226,358 6,712,219 (4,344,972)	8,523,013	1,256,369	1,800,720 771,570	14,116 0	2,586,406			12,365,787
Allocated			(1,415,034)			0			_				28,602	28,602	(1,386,432)		0	9,603,765		450,817	450,817	6,370,192		16,424,775
Total	14,386,217 8,660,321 1,509,655	1,318,556	(1,415,034) 24,459,716	840,290 550 335	C77'f4C0	4,418	404,219	77,342	13,850	16,095	1,760	100 3,178	28,602	207,335	26,575,203	6,646,224 226,358 6,712,219 (4,344,972)	8,523,013 0	10,860,134	1,800,720 771,570	450,817 14,116 0	£22,700,6	6,370,192	15,212 5,103 (1,913,008) 18,860 4,008 (422,809) (2,292,634)	26,497,928
Wasnington Direct	1,598,556 71,1327 114,220	34,296 0	2,478,398	95,246	0	169,392	(55,978)	2,754	* 8 ¥	525	1,600	368	0	9,127	2,600,941	557,587 120,737 691,359 (439,1339		63,117	135,050 102,108	5,860	543,019			1,092,276
Wasnington Abocated			(251'/27)			0							2,234	2,234	(124,918)		0	005'866		43,369	43,369	653,327	· ·	1,695,195
Total	1,598,556 731,327 114,220	34,296	2,351,246	95,246	0	169,392	(55,978)	2,754	នដ្ត		1005	368	2,234	19271	2,476,022	557,587 120,737 691,359 (439,322)	786,140	1,061,617	135,050	43,369 5,860 0	286,387	653,327	14,708 14,708 0 12,127 0 0 2,581	2,790,052
Direct	12,787,662 7,928,994 1,395,436	1,284,260 0	131,396,151	745,044	B//n*s9<	4,418	460,197	74,589	13,800	15,570 15,570	160	0 2,810	17,045	169,691	25,360,694	6,088,637 105,621 6,020,860 (3,905,649)	ELB'9EL'L	1,193,252	1,665,670 669,462	8,256 0	2,243,387			11,273,511
Oregon Allocated			(1,287,682) (1,287,682)			0							26,368	26,368	(1,261,514)		0	8,605,265		407,448	407,448	5,716,865		14,729,579
Total	12,787,662 7,928,994 1,395,436		(1,287,882) 22,108,469	745,044	0,586	4,418 1,334,540	460,197	74,589	13,800	15,51	150 150 150	2,61	26,368	13,8	24,099,180	6,083,637 105,621 6,020,860 (3,905,649)	7,736,87	9,798,517	1,665,67	407,448 8,256 0	2,750,835	5,716,865	504 5,103 (1,900,881) 18,660 4,000 (2,295,215)	578,707,62

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		n nover	UIDINGA	IlliansAc	wasnington	ĘÌ	Washington	Oregon	Oregon	Oregon
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
NW Natural Washington Re Monthiy Summary	NW Natural Washington Results of Operations Monthly Summary									
Ral 101	Rabe Base Gross Plant			2,777,858,790			284,719,330			2,493,139,460
106.1X	Accumulated Depreciation			(1,226,404,100)			(121,078,136)			(1,105,325,964)
101	Working Capital Allowance			2,590,374			(153,415)			2,743,789
X.7.11	Storage Gas - Cushlon			14,145,338			370,155,1			12,814,261
100,051	Leasehold Improvements			551,839			55,184			496,655
252.XX	Customer Contributions			(3,556,045)			(459,694)			(13£,096,351)
XX.E82 XX.E82	Deferred Taxes - Federal Deferred Taxes - State			(336,719,566) (67,681,560)			(13,255,304) 0		1	(303,464,262) (67,681,560)
	Total Rate Base			1,160,785,070			131,159,041			1,029,626,028
Rat	Rate Of Return on Rate Base			%10:0			-0.24%			0.04%
Alloc Alloc	Albocation References: A Unbilied Revenue Follows datis state Cost Control Deval			100.00%			8.99% 10.68%			97.01% 925.29
مں	Payroll Factor Depreciation Factor			100.00%			9.62% 10.26%			90.38% 89.74%

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NW Natural Washington Results of Operations 12 Honth Ended Reports	Acti Description Sales of Gas 480.1 Residential 481.1 Commercial 481.2 Interruptible 481.5 Interruptible 481.5 Interruptible Incentive 495.20 Unbilled Revenue Total Sales of Gas	Transportation Revenue 489.13 Industrial Firm 489.13 Interruptible 489.15 Interruptible Incentive 489.3 Agency Feel Balancing 704al Transportation Revenue		Total Operading Revenue	Cost of Gas 804.7 WACOG Incurred 805.7 WACOG Deferred 804.6 Dennand Incurred 805.4 Amortization of Gas Costs 7 Otal Cost of Gas	Detail Operations & Maintenance	Other Taxes 488.11 Property 488.12 Franchise 488.13 Payroli 488.14 Other 488.14 Other 488.15 Total Other Taxes	403.1 Depreciation	Income Taxes 409.11 Federal Income Taxes 410.11 Federal Income Taxes - Deferred 411.42 Oregon Income Taxes - Deferred 411.12 Total Income Taxes - Deferred	<b>Total Operating Revenue Deductions</b>	Net Operating Income
Direct	403,626,681 201,665,450 201,665,450 21,713,693 0 21,713,693 0 648,761,168	10,967,876 7,931,463 0 10,942 11,943 11,942	2,0019,202 17,000 281,650 181,650 181,650 181,770 281,815 352,895 352,895 352,895 352,895 16,575 261,817 2,160 4,910 207,111 2,180 4,910 2,07,111	610'692'699	188,876,681 25,211,095 805,934,934 (7,994,934) (21,107,632) 265,990,567	12,460,622	203,555,05 105,012,71 105,012,71 252,552 011,732,12 767,559,76	0		318,445,166	
Allocated	0 653,513 653,513	(		989,214	000000	123,366,802	0 5,480,376 0 5,480,376	75,192,651		204,039,829	
Total	403,626,681 201,665,450 21,755,340 21,713,696 21,713,696 649,414,681 649,414,681	10,967,876 7,933,463 60 40,132 18,941,470	2.019.202 17,000 2.81,650 2.81,650 2.81,610 2.82,995 3.62,995 3.62,995 3.62,995 3.62,995 1.67,701 1.135,766 1.157 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.160 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.170 2.000 2.100 2.000 2.100 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.0000 2.0000 2.0000 2.0000 2.0000 2.00000 2.00000 2.00000 2.00000000	670,358,233	188,876,681 25,211,095 80,945,358 (7,934,934) (21,107,632) 265,990,567	135,827,424	20,323,603 17,310,681 5,490,376 992,582 1,767,110 45,474,353	75,192,651	10,285,082 39,539,499 (15,065,312) 693,355 10,195,518 43,126,403	564,611,478	
Dated	40,986,453 40,986,453 16,391,824 1,928,495 561,664 561,664 0 0	1,257,635 897,095 0 2,154,730	84,815 84,815 10,200 11,2,865 11,1,2,865 1,1,1,2,865 1,1,1,5,640 1,1,1,5,40 1,1,7,540 1,2,722 2,2,722 2,2,722 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,725 2,2,755 2,2,755 2,2,755 2,2,755 2,2,755 2,2,755 2,2,755 2,2,755 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,555 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,2,55 2,55	8	17,125,620 3,803,757 8,353,223 (931,276) (4,545,431) 23,805,895	644,531	1,416,552 2,461,261 0 85,628 133,752 4,097,193	0		28,547,618	
Allocated	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		24,998	34,294		12,742,893	548,588	7,805,062		21,096,543	
wasninguon wasninguon Allocated Total	40,986,458 16,391,824 1,928,499 563,664 9,296 0 9,296	1,257,635 1,257,635 1095 0 2,154,730	1,440,442 1,441 1,441 1,445 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145 1,145	60,671,460	17,125,620 3,803,757 8,353,223 (931,276) (4,545,431) 23,805,895	13,387,424	1,416,552 2,461,261 548,588 85,628 133,752 4,645,780	7,805,062	4,314,103 0 (90,095) 0 0 0 4,224,009	53,668,170	
Direct	362,640,223 185,273,626 19,125,684 21,150,034 21,150,034 0 0 888,890,723	9,710,241 7,036,368 0 40,132 16,786,740	(421,525) 17,000 17,000 279,600 289,950 288,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,950 15,9500 15,9500 15,9500 15,9500 15,9500 15,9500 15,9500 15,9500 15,9500 1	608,731,853	171,751,061 21,407,338 72,592,134 (7,003,659) (16,562,201) 247,184,673	11,816,092	18,907,051 14,849,420 0 506,954 1,631,358 35,896,784	0		289,897,548	1 JU
Allocated	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000		954,920	000000	110,623,909	0 0 4,931,789 0 0 4,931,789	67,387,588		182,943,286	
Total	362,640,223 362,640,223 185,273,626 19,826,940 21,150,034 644,217 589,534,940	¥	1,034,388 1,934,388 1,700,388 1,700,389,450 2,489,560 2,489,560 1,548 1,548 1,548 1,548 1,548 1,158 1,158 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,500 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,5000 1,115,50000 1,115,50000 1,115,500000 1,115,50000000000	609,686,773	171,751,061 21,407,338 72,992,134 (7,003,659) (16,562,201) 242,184,673	122,440,000	18,907,051 14,849,420 4,931,789 506,954 1,633,358	67,387,588	5,970,979 5,538,489 39,538,489 (14,975,217) 693,355 10,195,518 (3,520,649) 37,902,474	510,743,308	

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			-							July 2016
		System	System	System	Washington	통	Washington	Oregon	Oregon	Oregon
NW Natural Washington 12 Month Ende	NW Natural Washington Results of Operations 12 Month Ended Reports	Direct	Allocated	Total	Direct	Allocated	Total	Qiet et	Allocated	Total
Ra 101	Rate Base Gross Plant			2,728,855,628			278,622,783			2,450,232,846
108.1X	Accumulated Depreciation			(1,201,277,476)			(117,976,905)			(1,083,300,571)
[PV	Working Capital Allowance			42,105,388			3,819,788			38,285,600
117.X	Storage Gas + Cushion			14,162,661			1,332,706			12,829,955
186.XX	Leasehold Improvements			682,572			73,433			609,139
252.20	Customer Contributions			(3,450,109)			(473,009)			(2,977,100)
XX.E82 XX.E82	Deferred Taxes - Federal Deferred Taxes - State			(336,719,566) (57,681,560)			(33,255,304)			(303,464,262) (67,681,560)
	Total Rate Base			1,176,677,540			132,143,493			1,044,534,047
2	Rate Of Return on Rate Base			8.99%			5.15%			9.47%
, 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12	Allocation References: A Unbilded Revenue B Diversioner			100.00%			1.42% 7.45%			98.58% 92.55%
٥υ	Payrol Factor Depreciation Factor			100.00%			10.01%			89.99% 89.62%

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NW Natural Washington Results of Operations 12 Month Ended Reports

Total Operating Revenue Summary

Total Rate Base Rate Of Return on Rate Base

Oregon	Total	98,943,465 1,044,534,047 9.47%
Oregon	Allocated	
Oregon	Ofer t	
Washington	Total	6,803,290 132,143,493 5,15%
Washington	Allocated	
Washington	Direct	
System	Total	105,746,755 1,176,677,540 8.99%
System	Allocated	
System	Direct	

	Washington Oregon	\$2,013 \$19,383 \$64 \$616 \$0 \$0 \$15,312 \$147,916 \$305 \$2,939	\$10,077 181,077 181,222	\$738 \$6,961 738 6,961	\$10,559 \$101,647 \$0 \$0	<u>\$2,673</u> 13,232 32,741 315,563	\$1,985 \$130,226	\$243 \$2,810 2,228 133,036	\$18,937 \$196,914 \$99,217 \$1,824 \$3,044 \$3,044 \$31,452 \$45,949 \$385,714 \$89,703 \$155,195 \$15,538 \$89,226 \$1,228 \$1,228
Month	System	\$21,396 \$680 \$0 \$163,228 \$163,228	\$11,446 199,994	\$7,699	\$112,206 \$0	\$28,405 140,611 348,304	\$132,210	\$3,053 135,263	\$215,851 \$1,037,376 \$20,498 \$34,496 \$431,664 \$844,498 \$104,764 \$104,764
NW Natural Washington Quarterly Results of Operations Report Operations and Maintenance Expense: Allocation of System Amounts For the period ended July 31, 2016	Natural Gas Storage Underground Storage Expense	Operation 816 Wells Expense 818 Compressor Station Expense 819 Compressor Station Euel 820 Measuring and Regulator Station Expense 821 Purification Expense	Maintenance 832 Weils Expense Total Underground Storage Expense	Other Storage Expense Operation 840 Supervision and Engineering Total Other Storage Expense	Liquified Natural Gas Expense Operation 844 Supervision and Engineering 845 LNG Fuel	Maintenance 847 Supervision and Engineering Total Liquified Natural Gas Expense Total Natural Gas Storage	Transmission Expense Operation 856 Mains Expense	Maintenance 863 Maintenance of Mains Total Transmission Expense	Distribution ExpenseOperation870Supervision and Engineering871B72Mains and Services Expense873Measuring and Regulator Station Expense - Gity Gate878Meter and House Regulator Station Expense879Cutsomer Installation Expense881Rents

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\$7714,862         \$34,592         \$680,269           \$714,862         \$34,592         \$680,269           \$264,752         \$14,946         \$299,006           \$282,004         \$81,996         \$19,980           \$21,567         \$14,587         \$19,980           \$11,567         \$11,587         \$19,980           \$211,567         \$11,587         \$105,024           \$211,563         \$215,623         \$105,024           \$1137,563         \$212,003         \$105,024           \$1137,519         \$372,125         \$1,567	\$119,866     \$12,838     \$107,028       \$64,903     \$12,838     \$107,028       \$64,903     \$6,729     \$56,174       \$1,249,449     \$133,411     \$1,116,038       30,163     3,179     26,984       1,464,381     156,157     1,308,224	\$0 \$0 160,742 146,426 15,927 15,927 15,927 15,927 15,927 15,927 15,927 15,927 14,199 14,199 288,222	13,383 1,433 1,433 11,950 281,339 30,021 251,317 6,468 53,921 	4,166,120       435,264       3,730,856         (1,524,238)       (1,56,084)       (1,368,153)         232,967       233,297       209,670         232,966       241       2,444         97,869       9,274       88,594         -       -       33,973       305,755         339,779       38,595       33,595       33,573	391,550         41,010         350,540           4,096,461         425,571         3,670,890           10,860,134,00         \$1,061,617,08         \$9,798,516,92           97,796         97,796         90,22%
Maintenance 885 Supervision and Engineering 887 Mains 889 Measuring and Regulator Station Expense - General 891 Measuring and Regulator Station Expense - City Gate 892 Services 893 Meters and House Regulators 894 Other Equipment 10tal Distribution Expense	Customer Accounts Expense Operation 901 Supervision 902 Meter Reading Expenses 903 Customer Records and Collection Expense 904 Uncollectible Accounts Total Customer Accounts Expense	Customer Service and Informational Operation 907 Supervision 908 Customer Assistance Expense 909 Customer Information Expense 910 Miscellaneous Customer Service Expense 70tal Customer Service and Informational	Sales Expense Operation 911 Supervision 912 Demonstration and Selling Expense 913 Advertising 916 Miscellaneous Sales Expense Total Sales Expense	Administrative and General Expense Operation 921 Onflee Supplies and Expense 922 Administrative Expenses Transferred - Credit 924 Property Insurance Premium 925 Injuries and Damages 926 Employee Pensions and Benefits 928 Regulatory Commission Expense 930 Miscellaneous General Expense 931 Rents	Maintenance 935 Maintenance of General Plant Total Administrative and General Expense Total Operations and Maintenance Expense

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al	Rates & Regulatory Affairs	<b>Operations and Maintenance Expense</b>	State Allocation of System Amounts	For the period ended July 31, 2016	
NW Natural	Rates & Regulati	Operations and P	State Allocation (	For the period en	

			System				Washington			Oregon			
_	Direct		Allocated	Totat	οį	Direct	Allocated	Total	Direct	Allocated	Total	Π	
FERC Description	lo(		hıt	lu(		lut	Int	Inc	INC	PK.	IP(		Allocation Method
	Ş	د	21,396.49 \$	21,396.49	Ş	<b>v</b> 5 1	2,013.41 \$	2,013.41	•	\$ 19.383.08	8 5 19.383.08		firm volumes Total
816 Wells Expense Total	Ş	\$	21,396.49 \$	21,396.49	ŝ	· •	2,013.41 \$		v	\$ 19.383.08			
	S	د	679.65 \$	679.65	s	۰ ۲	63.96 \$	63.96	, ,	\$ 615.69	S		Hrn Volumes Total
818 Compressor Station Expense Total	Ş	۰ ک	679.65 \$	679.65	Ş	۔ ج	63.96 \$		\$	S 615.69	~	_	
	S	s	0.01 \$	0.01	Ş	۰ م	0.00 \$	0:00	s.	\$ 0.01	Ş	0.01 Firm Vi	Firm Volumes Total
819 Compressor Station Fuel Total	ŝ	s ,	0.01 \$	0.01	S	•	0:00 \$	0:00	s	\$ 0.01	Ş	<u> </u>	
		• •	۰ ۲	•	s	۰» ۱	•	1	۔ د	s	\$	- 3-factor Total	r Total
	\$	507.07 \$	, ,	507.07	_	•	¢ ۱	•	\$ 507.07	، د	\$ 507	507.07 Direct-4	Direct-OR Total
		- 1	162,720.48 \$	162,720.48	s	•	15,312.00 \$	15,312.00	•	\$ 147,408.48	8 \$ 147,408.48		Firm Volumes Total
820 Measuring and Regulator Station Expense Total		507.07 \$	162,720.48 \$	163,227.55	s	•	15,312.00 \$	15,312.00	S 507.07	\$ 147,408.48	8 \$ 147,915.55		
	s	۰ ۲	3,244.68 \$	3,244.68	s	s s	305.32 \$	305.32	•	\$ 2,939.36	6 \$ 2,939.36	.36  Firm Vo	Firm Volumes Total
821 Purification Expense Total	s	ۍ ۲	3,244.68 \$	3,244.68	s	•	305.32 \$	305.32	s .	\$ 2,939.36	6 \$ 2,939.36	.36	
	5	ہ ا	11,445.55 \$	11,445.55	\$	, v	1,077.03 \$	1,077.03	•	\$ 10,368.52	ŝ		Firm Volumes Total
832 Wells Expense Total	5	ν •	11,445.55 \$	11,445.55	s	•	1,077.03 \$	1,077.03	•	\$ 10,368.52	\$ 10	52	
	n vi		1,013.93 \$ 6.685.15 \$	1,013.93 6.685.15	<b>v</b> v	• •	108.59 \$ 629.07 \$	108.59	 	\$ 905.34 \$ 6.056.08	4 \$ 905.34 8 \$ 505.34		Customers-All Total
840 Supervision and Engineering Total	~	۰ د	7,699.08 \$	7,699.08	\$		737.66 \$	737.66		<b>5</b> 6.961.42	2		
	s	۔ ۲	112,205.96 \$	112,205.96	s	•	10,558.58 \$	10,558.58	5	\$ 101,647.38	\$ 10		Firm Volumes Total
844 Supervision and Engineering Total	s	۔ د	112,205.96 \$	112,205.96	\$	•	10,558.58 \$	10,558.58	. 5	\$ 101,647.38	~		
	s s s	• •	- \$ 28.405.26 \$	28.405.26	ŝ	, , v v	2 5 - 5 2 672 62	- 7 677 93	 	\$	s v	r	3-factor Total Etem Volumes Total
847 Supervision and Engineering Total	~	· ~	28,405.26 \$	28,405.26	5	· S	2,672.93 \$	2.672.93		\$ 25.732.33	~ ~		
	s	<u>ہ</u>	18,931.52 \$	18,931.52	\$	\$ •	1,893.15 \$	1,893.15	•	\$ 17,038.37	5	.37 3-factor Tota	r Total
		s 1	651.88 \$	651.88	s	•	69.82 \$	69.82	•	\$ 582.06	\$		Customers-All Total
	112,6	5.28 \$	•	112,605.28	_	÷	•	•	\$ 112,605.28	۰ s	\$ 112,605.28		Direct-OR Total
		21.60 \$	•	21.60		21.60 \$	•	21.60	•	ۍ ۲	ŝ	- Direct-1	Direct-WA Total
	v. v			•	<b>S U</b>	•		•		, ,,,	~ ~	- Sales/S	Sales/Sendout Volumes Total
	Т	Т								~	^	-1	sendout volumes Total
doo mains expense (otal	1 5 112,626.88		19,583.40 \$	132,210.28	S 1	21.60 \$	1,962.97 5	1,984.57	<u>\$ 112,605.28</u>	\$ 17,620.43	3 \$ 130,225.71		
	~ •	~ ·	•	•		1	•	ſ		•	5	3-factor Total	r Total
	<b>,</b> , ,	• •	3.053.18 \$	3.053.18	n v1	• •	 243.D3 \$	243.03	, , , ,				Direct-OK Total Sendout Volumet Total
863 Maintenance of Mains Total	s	s ,	3,053.18 \$	3,053.18	s	\$ 1	243.03 \$	243.03		\$ 2,810.15	s		
	ŝ	\$ •	121,024,46 \$	121,024.46	ş	s ,	11,388.40 \$	11,388.40	•	\$ 109,636.06	\$ 10		Firm Volumes Total
	<b>v</b> •	• •	74.25 \$	74.25	\$		6.47 \$	6.47	•	\$ 67.78	\$		Sales/Sendout Volumes Total
270 Supportion and Environments Total	n 4	^ ` '	34,/32,14 5	34,/52.14	~	•	7,542.27 5	7,542.27		5 87,209.87	2	. T	Sendout Volumes Total
	~~~	n v 	CONCONCT7	CBUCO,C12	n v		2 87.756'97	15,337.14		5 196,913./1	n		
	<b>N</b> VA	• •	391.250.75 5	391.250.75	n vi	•••	41.902.96 \$	41.902.96		201055,5U5 5	4 5 303,380.84 9 5 349 347 79		3-lactor lotal Cuttomarc.All Total
	\$ 243,893.37	3.37 \$	•	243,893.37	5	• •	•		\$ 243,893.37	s	<b>v</b>		OR Total
	\$ 20,012.33		\$ '	20,012.33	ŝ	20,012.33 \$	<b>د</b> ه ب	20,012.33	,	۰ د	\$		Direct-WA Total
	_ 1	s ,	45,129.40 \$	45,129.40	ş	s .	3,592.30 \$	3,592.30	s.	\$ 41,537.10	0 \$ 41,537.10		sendout volumes Total
674 Mains and Services Expense Total	\$ 263,905.70		773,469.97 \$	1,037,375.67	\$ 20	20,012.33 \$	79,204.24 \$	99,216.57	\$ 243,693.37	\$ 694,265.73	\$ 938,		
	<b>v</b> s -	• •	803.53 \$	803.53	\$	•	80.35 \$	80.35	•	\$ 723.18	3 \$ 723.18		Total
	<u>v</u> v		13,424.25 \$ 6.269.99 \$	13,424.25 6 269 99	~ v	• •	1,068.57 \$ 675.28 \$	1,068.57	•••	\$ 12,355.68 ¢ c c 24.74	3 5 12,355.68		Sendout Volumes Total
875 Measuring and Regulator Station Expense - General Total	s	۰ ۱	20,497.77 \$	20,497.77	s	•   •	1.824.20 \$	1.824.20	, s	\$ 18.673.57	,   -		
	5	\$	10,014.38 \$	10,014,38	s		1.001.44 5	1.001.44		\$ 9.012.94	,   v	94 3-factor Total	Total
	\$	· •	3,401.37 \$	3,401.37	5	1 1	364.29 \$	364.29		5 3,037.08	n vi		Customers-All Total
	\$	ŝ	•	,	ş	, S	s i	•	•	•	\$	Direct-OR Total	JR Total

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or / measuring and regulator station expense - Lity Gate 10th		•	34,495.81 \$	34,495,81	- 	5 3,043.70 5 4.90	5 3,043.70	۰ د	5 31,452.11	\$ 31,452.11	
	•	ŀ	00.00	10.01		5 4.90	•				
	<u>^</u>	, ,	48.96 5	48.95			\$ 4,90	s	\$ 44.05	\$ 44.06	
	<u>^ \</u>	, N	422,295.87 5	422,295.87	•	5 45,227.89	\$ 45,227.89	s	\$ 377,067.98	\$ 377,067.98	Customers-All Total
	<u>^ </u>		8,171.71 5	8,171.71	•	5 625.14	\$ 625.14	s S	\$ 7,546.57	\$ 7,546.57	Customers-Ind Total
	^ •	•		•	•		•		, ,	۰ د	<b>Customers-Res Total</b>
	•••	• •		•	·	•		•	•	۰ د	Direct-OR Total
	^ <	^ •		•		v	•		,	•	
1978 Master and Marine Resultates Frances Tates		^\	1.14/.01 S	1,147.01	•	5 91.30 5	5 91.30	<u>،</u>	S 1,055.71	\$ 1,055.71	Sendout Volumes Total
o MICLET ATM TOUSS REQUESTS TOTAL	^	^	431,003.25	431,663.55		5 45,949.22 S	\$ 45,949.22		5 385,714.33	\$ 385,714.33	
			23,794.96 5	23,794.96	•	\$ 2,379.50	\$ 2,379.50	\$	\$ 21,415.46	\$ 21,415.46	
			808,292.60 5	808,292.60	•	5 86,568.14 5	\$ 86,568.14	s	\$ 721,724.46	\$ 721,724.46	Customers-All Total
	#	7.90 \$	•	11,677.90	۰ ۲	•		\$ 11,677.90	•	\$ 11,677.90	Direct-OR Total
		315.36 S	s ,	315.36	S 315.36	•	\$ 315.36	,	•	ۍ ۲	
	\$	s ,	416.70 5	416.70	s s	\$ 39.79 \$	5 39.79	,	\$ 376.91	376.91	_
679 Customer Installation Expense Total	\$ 11.993.26	3.76 5	2 AC ANZ CER	RAA 497 57	¢ 315.36	¢ 00 00 43 6	of cos of 5	C 11 CTT DD			_
		Т	5 073 57 5	13 EEU C3	00.010	5 20130 C	2/70C/20 0	DE://0/TT C	2 /43/218.83	5 /35/194//3	
	• •	•		10.000 A	•		CE.1U2.0 C	•	/1.998/55 \$	5 55,866.17	3-lactor Total
				CE:057'E	•	2 297.09C	260.88		5 4,676.07	\$ 4,676.07	_
			•	13,141.00				\$ 13,141.00	s	\$ 13,141.00	_
	15.C2P,1 C	\$ 150	1	7,425.31	5 7,425.31		S 7,425.31	\$	•	•	direct-wa Total
	1		16,887.49 \$	16,887.49	•	S 1.344.24 S	\$ 1,344.24	\$	\$ 15,543.25	\$ 15,543.25	Sendout Volumes Total
880 Other Expense Total	\$ 20,566.31	6.31 \$	84,197.96 \$	104.764.27	\$ 7,425.31	\$ 8,112.47 \$	S 15,537.78	5 13,141.00	\$ 76,085,49	S 89,226.49	
	<b>w</b> .	ۍ ب	6,253.57 \$	6,253.57	s	\$ 625.36 \$	\$ 625.36	s	\$ 5,628.21	\$ 5,628.21	3-factor Total
	S	۲	2,363.46 \$	2,363.46	ः s	\$ 602.21 \$	\$ 602.21	•	S 1.761.25	\$ 1,761.25	<b>Customers-The Dalles Total</b>
881 Rents Total	s	s v	8,617.03 \$	8,617.03	•	\$ 1,227.57 \$	\$ 1.227.57	۰ ۲	\$ 7,389.46	\$ 7,389.46	
	<b>v</b>	vs •	207,014.66 \$	207,014.66	•	\$ 20,701.47 \$	\$ 20,701.47	ş	\$ 186,313.19	\$ 186,313.19	3-factor Total
		•	1,441.35 5	1,441.35	•	5 154.37 \$	5 154.37	-	\$ 1,286.98	\$ 1,286.98	<b>Customers-All Total</b>
	a.	7.54 5	•	472,217.54		י פּי י פּי	1	\$ 472,217.54	•	\$ 472,217.54	Direct-OR Total
	16/96/11 0	<pre>&lt; IE!</pre>	, ,	11,967.91	5 11,967.91		5 11,967.91	<u>،</u>			Direct-WA Total
	^ <	, s	, ,	÷		20 20 20		\$		•	Employee Cost Totaf
	un u		•					5		•	
885 Sunarrieton and Enstnearing Total	2 404 10E 4E	, u	2 /5.027.22	22,220.37		5 1,768.74 S	5 1.768.74	-	S 20,451.63	S 20,451.63	Sendout Volumes Total
		¢ 4	C 20:0/0/0/02	/14/301.03	15/06/11 0	< 90.954,25 <	69'78C'95 0	5 472,217.54	5 Z08,051.80	5 680,269.34	
	n v:	n v 	2 35 35 70 17 5	1,44/.8/		5 11 44.79 5 5 11 404 63 6	5 144,79 5 11 404 52	<u></u>	5 1,303.08 5	5 1,303.08	3-factor Total
	• v	• •					C1 C	<u> </u>	7/.00/100 0	1.95/58 6	Lustomers Port/Van 80% Total
	C 162 000 12	5 U U	01.67	01.52		\$ 71°C 6	77.6		40 g a	26.04	Lustomers-All Total
			• •	00 LEE 2	, 10 TEE 5 2	 		51.050,261 ¢		> 162,090,13	Direct-OK Total
				OC FOC		с	20,755,5				
B87 Mains Total	\$ 165.427.21	121	\$ 89 974 FB	764 751 89	\$ 3337.08	2 11 KOR KO	00.00 14 045 68	2 122 000 13 C	040.44	5 240 00C 11	
	L .		1 749 70 6	02 07 1		6 174 D0 6	00 01 0	CT-000/307 0	00.01110	17-000'647 C	
	• v	n v	5 UC 38	C/-0+/'T	 	<pre>c 00/6/1 </pre>	1/4.88			19.E/C,I 0	3-factor Total
		8761F ¢		91010		· • • • • • • •	27.6		10.01	10.9/	
		. v		CT.070				CT-979 4	•	5 826.15	Direct-OR Total
			2 CB C13 ET	73 617 07		C - C - C - C - C - C - C - C - C - C -	C 051 C 2				Firm Volemes Total
		ъ ч , , ,		20/210/01			70.700'0	•	07'100'/0 0	07,001,20	Sendout Volumes Total
889 Measurine and Resulator Station Froense - General Total		87615 C	5 05-57N'77	02.220,22		c co.2/2/203 c	2,3/2.03		C 19,057.5	202020	Telemetering Total
			C E1.110,10	30,203,94		2 0,4U0.35 2	5,408.35	S CI.028 S	5 88,969.43 5	89,795.58	
	h v	n v	C 00.000	30.505		V 75.05 V	95.68		768.47 5	768.47	3-factor Total
	4 1 000 000	20		1 950 06		· · · · ·	0/T		14./0	14./0	customers-all total
		nv Ç.	18 845 53 5	19 245 51			1 600 10	5 95'NCR'T 5		1,850.96	Direct-OR Total
891 Measuring and Regulator Station Expense - City Gate Total	+	36.5	19 215 85 5	21 566 81		Alaberta      Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta     Alaberta	1 507 35		C 11/240.40 0	11,345.45	Senour Volumes Iotal
		E					1101.40	acinco't c	00'07T'0T	00'6/6'6T 0	
	5 VI		56.400.00	56.400.00		ל כבבב ה לי ממחמח א				25.545 C	S-TACTOF 10(2)
	\$ 43,523.51	S 15	- 43	43,523,51		1		\$ 43.523.51 \$		4357351	Direct-OR Total
	\$ 9,410.B4	.B4 \$	\$ 1	9,410.84	\$ 9,410.84	•	9,410.84	•		,	Direct-WA Total
			11,560.73 \$	11,560.73	•	\$ 920.23 \$	\$ 920.23	•	5 10,640.50 \$	0.640.50	Sendout Volumes Total
892 Services Total	\$ 52,934.35	1.35 S	68,516.23 S	121,450.58	\$ 9,410.84	\$ 7,016.22 S	16,427.06	\$ 43,523.51 \$	\$ 61,500.01 S	105,023.52	
	s	s	801.75 \$	801.75	•	\$ 80.18 \$	80.18	- -	5 721.58 S	721.58	721.58 3-factor Total

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03QTR16 OM Allocation

	Ś	,	\$ 111,097.95	\$ 111.097.95	s	به د	11,898.59	11.898.59	,	3 99 199 36	¢ 9919936	Cestomeer All Total
	Ś	,	\$ 3,652.01	\$ 3,652.01	\$	•	346.58	346.58	•	\$ 3,305.43		
	\$	•	\$ 6,680.47	\$ 6,680.47	ŝ	ŝ	511.06	\$ 511.06	•	\$ 6,169.41	S 6,169.41	Customers-Ind Total
	<b>N</b> 1		5 24,998.67	5 24,998.67	<b>5</b> 1	•	2,712.36	2,712.36		5 22,286.31	\$ 22,286.31	
	<u> </u>		\$ 68.522.05	5 68.522.05	n v1	ь н •	5.454.36	5.454.36	5 7,810.24 S	5 63.067.69	> 1,810.24 \$ 63.067.69	Direct-OR Total Sendour Volumes Total
893 Meters and House Regulators Total	<u>~</u>	1,810.24	515	\$ 217,563.14	s	•		\$ 21,003.11	1,810.24	S 194,749.79	\$ 196,560.03	
	\$		\$ 1,223.24	\$ 1,223.24	\$	• •	122.32	122.32		5 1,100.92	\$ 1,100.92	_
894 Other Equipment Total	<u> </u>	134.77	\$ 1,223.24	5 1,358.01	n vî	^   ^ -   -	122.32	s 122.32	5 134.77 5 134.77	5 1.100.92	5 1235.69	Direct-OR Total
	<b>v</b> i (				\$		ł –					-
901 Supervision Total	<u>n v</u>		\$ 119,865.94	> 119,865,94	2 5	• •	12,837.64	12,837.64	· ·	5 107,028.30 5 107 078 30	5 107,028.30 5 107,028.30	Customers-All Total
	~				s	-		-				3-factor Total
	\$		\$ 62,831.78	5 62,831.78	\$	- vî - i	6,729.28	\$ 6,729.28		5 56,102.50	\$ 56,102.50	
903 Meter Readine Evonces Total	<u>^ -</u>		C C1 021 70	FT.1/0/2 5	~ •	0 •				,	5 2,071.13	Direct-OR Total
IPTO ESCALATION STATEMENT	n   vn		2 1 2		~ ~	~   ·	1.384.90	b, /29.28	2,071.13 2	56,102.50 5 12 464 06	5 58,173.63 < 12 464 06	2.factor Total
	- 42	•	\$ 834,585.08	\$ 834,585.08	<b>,</b> w	• •	89,384.06	89,384,06	 	745.201.02	5 745.201.02	
	\$	,	\$ 27,118.37	\$ 27,118.37	Ş	\$ -	2,074.56 5	2,074.56	-	25,043.81	\$ 25,043.81	
	~ v	• •	\$ 373,896.81 <	\$ 373,896.81 ¢	<b>~</b> ~	•• •	40,567.80 5	40,567.80	· ·	333,329.01	\$ 333,329.01 6	
903 Customer Records and Collection Expense Total	~~~			5 1,249,449.22	s	n [vn -   ·	133,411.32	133,411.32		5 1.116.037.90	5 1.116.037.90	
	s	•	\$ {2,303.00}	\$ (2,303.00)	s	•	(246.65) \$	(246.65)		1	7	(Customers-All Total
	s	•	\$ 3,292.46	\$ 3,292.46	\$	•	312.45 \$	312.45		2,980.01	5 2,980.01	
	5	•	\$ 1,623.88	5 1,623.88	\$	• •	124.23 \$	124.23	· ·	1,499.65	\$ 1,499.65	Customers-Ind Total
	in v	•	s 27,549.99	5 27,549.99	Ś	· ·	2,989.17 \$	2,989.17	, , ,	24,560.82	\$ 24,560.82	Customers-Res Total
904 Uncollectible Accounts Total	<u>   ~</u>	,	<u>5</u> 30.163.33	5 20 163 33	n v	•   •	2 17920 S	3 179 20		21 20 21 2		DAFECT-OR TOTAL
	<u>~</u>				5	•   v						Customerc.Res Total
907 Supervision Total	s				S	- 5			,			
	s	•	,	•	s	s 1	s 1	,		,	•	3-factor Total
	\$	,	\$ 82,007.94	\$ 82,007.94	~	ۍ ، ۱	8,783.05 \$	8,783.05	,	73,224.89	\$ 73,224.89	Customers-All Total
	v v	, ,	5 74,272.78 6 3 35,7 00	5 74,272.78 ¢ 3.357.00	n v	• •	5,681.87 5	5,681.87		68,590.91	\$ 68,590.91 f	Customers-ind Total
	> vi	(1.524.81)		5 [1.524.B1]	ъ <b>ч</b> л	י י י		*o.cor	5 - 5 5 [1.524.81] 5	TC:005/7	\$ (1.524.81)	customers-ites lotal direct-or Total
	s		•	2,633.68	\$ 2,6	2,633.68 \$	1	2,633.68				
908 Customer Assistance Expense Total	s	1,108.87		\$ 160,741.59	\$ 2,6	2,633.68 \$	14,828.61 5		(1,524.81)	11	\$ 143,279.30	
000 for the second s	5		5 146,425.93	5 146,425.93	\$ 1	• •	15,682.22 \$	_	•			Customers-All Total
SUS CUSTOMER INTORMATION EXpense 1 01al	<u>~</u>	•		5 146,425.93	\$	0 •	15,682.22 5	15,682.22		130,743.71	\$ 130,743.71	
	<u>~</u>		s 15.926.91	5 15.926.91	n v1	n 40		1.728.07	 	14 198 84	5 5 14 198 84	Customers-Alf Total Cistomercane Total
910 Miscellaneous Customer Service Expense Total	Ś	4		5 15,926.91	Ş	s s	1,728.07 \$	1,728.07	· ·	14,198.84	S 14,198.84	
	~	•	\$ 13,383.36	\$ 13,383.36	s	ۍ ۲	1,433.36 \$		s - S	11,950.00	S 11,950.00	Customers-All Total
911 Supervision Total	5	•	5 13,383.36	5 13,383.36	S	د	1,433.36 \$	1,433.36	s -		\$ 11,950.00	
	<u>, v</u>			340.00		•	34.00 5	34.00	, ,	306.00	S 306.00	3-factor Total
	2 10		\$ 3.107.26	3.107.26	n 41	n - vi	6 /5'549'57 5 91'14 5	16.240,22	, , , ,	19:561/167	18.EVI,142 <	Customers-All 10131 Customers-Bec Total
	s	1,047.46		1,047.46	\$	, vs			\$ 1,047.46 \$	-	\$ 1,047,46	Direct-OR Total
912 Demonstration and Selling Expense Total	s	1,047,46	\$ 280,291.04	5 281,338.50	s	۰ ۱	30,021.11 \$	30,021.11	\$ 1,047.46 5	250,269,93	\$ 251,317.39	
012 Advantition Patrol	<u> </u>	,	\$ 60,388.84 \$	60,388.84	\$	\$ •	6,467.64 5	+	5	53,921.20		Customers-All Total
INTERNATIONAL PER	<u>n</u> u	•	00,300.04	0 60,388.84	n v	• •	0,40/.04 5	+	•	53,921.20	\$ 53,921.20	
	<u>,</u> v		\$ 41,896.82	41,896.82	n vn	• •	6 00.000,000 4,487.15 5	4,487.15	~ ~ ~	11.8d2,299,67	5 37.409.67	s-tactor rotal Customers-All Total
	\$		\$ 1,266.40	1,266.40	s	, 1	96.88 5	96.88	· · ·	1,169.52	\$ 1,169.52	customers-ind Total
	s	•	5 11,676.59	5 11,676.59	s	s	1,266.91 \$			10,409.68	\$ 10,409.68	Customers-Res Total
	ŝ	65,261.15	,	5 65,261.15	s	s S	,	_	\$ 65,261.15 \$	•	\$ 65,261.15	Direct-OR Total
	s v	• •	250,127.22	250,127.22	v. v	••••	23,887.15 5	23,887.15	 	226,240.07	\$ 226,240.07	Employee Cost Total
	-			_	2	ъ ,	•	-	n -	•		
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	s	•	\$ 129.716.28	2R ¢	17971678		e v	30 014 00 00	¢ 30 011 00	~	•	00 000 00	÷ 00 001 ÷	
							י ה	00-17-10	DO'LTC'DE		n 	ntrino'ne	"Tng'ns c	ar/out-40 Regulatory (Otal
	<u>~</u>	•	· ·	n.	1		ŝ		•	ŝ	۰ ۱	•	' ~	sales volumes Total
	N	•	\$ 27.00	8	27.00 5	•	s	2.35 5	\$ 2.35	\$	s I	24.65	\$ 24.65	55 Sales/Sendout Volumes Total
	s		\$ 295.40	80 \$	295.40 \$		s	23.51 \$	\$ 23.51	\$	s S	271.89	\$ 271.89	39 Sendout Volumes Total
921 Office Supplies and Expense Total	s	65,261.15	\$ 4,100,859.23	s	4,166,120.38 5	22 	\$ 43.	435,264.19 \$	\$ 435,264.19	S 65,261.15	۱v	3,665,595,04	\$ 3,730,856,19	
	s	•	\$(1,073,420.67)	s	(1.073,420.67)	•	5 11 5	(113,031.20) \$	\$ (113,031.20)	1 5	5	(960,389.47)	lo	(960,389,47) Admin Tran Total
	~	•	\$ (450,817.05)	s	(450,817.05) S	•	\$ (4	(43,053.03) 5	5 (43,053.03) S	s	ې د	(407,764.02)	\$	(407,764.02) Employee Cost Total
922 Administrative Expenses Transferred - Credit Total	ŝ	•	\$(1,524,237.72)	Ś	(1.524,237.72) 5	•	\$ (15i	(156,084.22) \$	\$ (156,084.22)	15	- S(1	\$(1,368,153.50)	5	20)
	s	,	\$ 232,966.64	54 S	232,966.64 \$	3	\$	23,296.66 5	\$ 23,296.66	s	\$ 1	209,669.98	\$ 209,669,98	38 3-factor Total
924 Property Insurance Premium Total	s	•	\$ 232,966.64	54 \$	232,966.64 5	9	\$	23,296.66 \$	5 23,296.66	Ş	s T	209,669.98	\$ 209,669.98	
	ŝ	•	\$ 2,413.92	92 \$	2,413.92 \$	•	s	241.39 \$	\$ 241.39	s	ي د	2,172.53	\$ 2,172.5	2,172.53 3-factor Total
	Ś	271.87	s د	s	271.B7 \$	•	ş	+	•	\$ 27.	271.87 \$	1	\$ 271.8	271.87 direct-or Total
925 Injuries and Damages Total	s	271.87	\$ 2,413.92	32 S	2,685.79 \$	3	s	241.39 \$	\$ 241.39	s	271.87 \$	2,172.53	S 2,444.40	- 9
	ŝ	754.00	' \$	s	754.00 \$	•	S S			S 75	754.00 S	•	\$ 754.0	754.00 Direct-OR Total
	Ş	•	\$ 97,114,91	5 16	97,114.91 5	•	s	9,274.47 \$	\$ 9,274.47	s	s S	87,840,44	S 87,840,44	44 Emolovee Cost Total
926 Employee Pensions and Benefits Total	s	754.00	\$ 97,114.91	3 I S	97,868.91 5	2	s	9.274.47 5	5 9,274.47	5 754	754.00 S	87.840.44	5 88.594.44	
	Ş		\$ 339,728.05	)5 \$	339,728.05 \$	٠	S	33,972,81 \$	\$ 33,972.81	s	5	305.755.25	\$ 305.755.25	25 3-factor Total
930 Miscellaneous General Expense Total	\$	•	\$ 339,728.05	35 S	339,728.05 \$		s S	33.972.81 5	33.972.81	4		305,755,25	< 305.755.75	
	ŝ	•	\$ 383,459.46	16 S	383,459.46 5	ž	s S	38,345.95 5	5 38,345,95	S	•	345,113.51		345.113.51 [3.factor Total
	\$	•	\$ 2,330.00	s	2,330.00 \$	1	s	249.54 5	5 249.54	- 10	. м Э	2.080.46	\$ 2.080.46	16 Customerc.Alt Total
	s	3,989.18	• •	s	3,989.18 \$	•	ŝ	1		5 3.989.18	9.18 S	×	3.989.18	
931 Rents Total	s	3,989.18	\$ 385,789.46	5	389,778.64 \$	-	s S	38,595.49 5	38,595,49	S 3,989.18	9.18 S	347,193.97	\$ 351.183.15	+
	s		\$ 303,533.94	24 S	303,533.94 \$	•	s N	30,353.39 \$	90,353.39	\$	s	273,180.55	\$ 273,180.5	273,180.55 3-factor Total
	\$	•	\$ 1,516.32	32 \$	1,516.32 \$	•	s	222.44 \$	\$ 222.44	ŝ	<b>s</b>	1,293.88	\$ 1,293.88	B Customers port/van Total
	s	•	\$ 13,319.7	\$ 5	13,319.75 \$	•	s	1,426.55 \$	\$ 1,426.55	ŝ	s	11,893.20	\$ 11,893.20	0 Customers-All Total
	ŝ	,	\$ 1,559.4	14 S	1,559.44 \$	•	ŝ	3 3E.79E	397.35	ŝ	\$ •	1,162.09	\$ 1,162.09	9 Customers-The Dalles Total
	Ś	57,103.60	•	s	57,103.60 \$	9	s	•	•	S 57,103.60	3.60 S	÷	\$ 57,103.60	0 Direct-OR Total
	ŝ	7,993.05	ار د	ŝ	7,993.05 \$	7,993.05	s	S.	20.593.05	s	ۍ ۱	1	s	
	s.	,	• •	ŝ	•	•	ŝ	•	9	ŝ	s .	i	' s	Employee Cost Total
	\$	•	\$ 356.42	12 \$	356.42 \$	•	ŝ	33.54 \$	33.54	s	\$	322.88	\$ 322.8	322.88 Firm Volumes Total
	~	1	\$ 6,167.90	ŝ	6,167.90 \$	×	s	584.10 \$	584.10	s	s ,	5,583.80	\$ 5,583.80	0 sales volumes Total
935 Maintenance of General Plant Total	s	65,096.65	\$ 326,453.77	5 L	391,550.42 \$	7,993.05	\$ 33	33,017.37 \$	\$ 41,010.42	\$ 57,103.60	1.60 S	293,436.40	\$ 350,540.00	ł
Grand Total	ŝ	256,368.66	\$ 1,256,368.66 \$ 9,603,765.34		\$ 10,860,134.00 \$	63,117,16	366 \$	998,499.92 \$	\$ 1.061,617,08	\$ 1,193,251.50		\$ 8,605,265.42	\$ 9,798,516.92	2

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### August 2016 Activity

NW Natural Quarterly Results of Operations Report to the WUTC 3rd Quarter 2016

NW Natural Washington Results of Operations Monthly Summary Total Operating Revenue Rate Of Return on Rate Base

Total Rate Base

August 2016 Oregon Total 0.01% 123,254 1,040,332,813 Oregon Allocated System System System Washington Washington Washington Oregon Deect Allocated Total Direct Allocated Total Direct (403,749) -0.29% 138,494,097 (280,494) -0.02% 1,178,826,909

NW Natural Washington Quarterly Results of Operations Report

	Y Sules	495.20 Unbilled Revenue Total Sales of Gas	Transportation Revenue 489.13 Industrial Firm 489.15 Interruptible 489.15 Accent Fiel Balancing			488.4 Field Collection Charge 488.5 Recon Charge CR After Office Hours 488.5 Recon Charge Seas During Office Hours 488.7 Recon Charge Seas After Office Hours 488.8 Automated Payment Charge 488.8 Automated Payment Charge 495.1 Neter Rentals 495.1 Neter Rentals	5.2 Other Gas Revenue - Miscellaneous Total Miscellaneous Revenues	Total Operating Revenue	Cost of Gas 804.7 WACOG Incurred 805.7 WACOG Deferred 804.6 Demand Incurred 805.4 Demand Deferred 805.4 Amontization of Gas Costs	Total Cost of Gas Detail Operations & Maintenance		Depn	Income Taxes 409.11 Federal Income Taxes 410.1 Federal Income Taxes - Deferred 411.4 Federal Income Taxes - Deferred 409.1 Oregon Income Taxes - Deferred 411.1 Oregon Income Taxes - Deferred 411.1 Total Income Taxes	Total Operating Revenue Deductions
Direct	13,176,043 8,061,223 1,538,909 1,370,327 0	24,146,502	210,768 111,069 0 527	1,527,876	76,670 500 10,750 7,125 1125	22,605 1,940 540 2,148 16,876	5,378 158,822	26,579,807	6,110,406 331,146 6,720,112 (4,494,097) (184,187)	8,483,379 1.287,145	1,797,566 580,782 11,045 0	2,389,393		12,159,917
Alocated		(90,244) (90,244)		0		686'65	59,989	(30,254)		0 10.345.262	479,431	479,431 6,387,672		17,212,364
Total	13,176,043 8,061,223 1,538,909 1,370,327 0	(90,244) 24,056,259	837,012 690,111 0 753	1,527,876	76,670 500 10,750 7,125	22,605 1,940 1,940 2,148 2,148 2,148 59,989	218,812	26,549,553	6,110,406 331,146 6,720,112 (4,494,097) (184,187)	8,483,379 0 11,632,407	1,797,566 580,782 479,431 11,045 0,045	2,868,824 6,387,672	(689,856) 5,205 (1,413,905) (130,798) (130,798) (130,798) (316,968) (316,968) (2,542,234)	26,830,047
Washington Direct	1,478,301 674,876 126,317 35,234 0	2,314,728	94,043 94,043 0 0	175,630	3,250 3,250 50 750	,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,7000 1,7000 1,7000 1,7000 1,7000 1,7000 1,7000 1,7000 1,7000 1,7000 1,7	659 8,712	2,450,479	496,366 140,455 692,172 (456,951)	794,271 84,951	135,050 98,526 2,789	236,364		1,115,586
Washington Allocated		(6,813) (6,813)		0		2,231	162,2	(4,582)		0 1.079.819	46,121	46,121 655,120		1,781,060
Washington   Total	1,478,301 674,876 126,317 35,234 0	2,307,915	94,043 81,587 0	175,630	3,250 2,251 2,252 2,252 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525 2,525	1,465 1,700 1,700 0 313 2,231 0	659 10,943	2,445,897	496,366 496,366 140,455 692,172 (456,951) (777,770)	794,271	135,050 98,526 46,121 2,789 0	282,486 655,120	(34,874) (34,874) (12,127) (12,127) 0 0 0 (100)	2,849,645
Direct	11,697,742 7,386,347 1,412,593 1,335,093	21,831,774	742,969 608,525 0 753	1,352,246	73,420 500 10,700 6,375	21,140 21,140 5 240 5 40 1,836 1,836	4,719	24,129,328	5,614,040 190,690 6,027,941 (4,037,146) (106,417)	7,689,108	1,662,516 482,257 8,256 0	2,153,029		11,044,331
Oregon Allocated		(83,431)		0		57,759	652'25	(25,672)		0 0 765 441	433,310	433,310 5,732,552	, <u> </u>	15,431,304
Total	11,697,742 7,386,347 1,412,593 1,315,093 0	(83,431) 21,748,344	742,969 608,525 0 757	1,352,246	73,420 500 10,700 6,375	21,140 21,140 240 240 240 240 240 240 240 240 240 2	4,719 207,869	24,103,656	5,614,040 190,690 6,027,941 (105,417)	7,689,108	1,662,516 482,257 433,310 8,256	2,586,338	(654,982) 5,205 5,205 (1,401,778) (1,401,778) (1,401,778) (1,401,778) (1,405,723) (2,495,233)	23,980,402

							4		August 2016
	System	system	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
	Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
NW Natural Washington Results of Operations Monthly Summary									
Rate Base 101 Gross Plant			2,790,386,336			291,836,525			2,498,549,811
108.1X Accumulated Depreciation			(1,231,297,354)			(121,666,704)			(1,109,630,650)
ADJ Working Capital Allowance			12,364,184			602,742			11,761,442
117.X Storage Gas - Cushion			14,142,960			1,330,853			12,812,108
186.XX Lessehold Improvements			531,849			53,185			478,664
252.XX Customer Contributions			(3,637,035)			(467,808)			(3,169,227)
283.XX Deferred Taxes - Federal 283.XX Deferred Taxes - State			(336,124,528) (67,539,505)			(33,194,697) 0			(302,929,831) (67,539,505)
Total Rate Base			1,178,626,909			138,494,097			1,040,332,813
Rate Of Return on Rate Base			-0.02%			-0.29%			0.01%
Alocation References: A Unbarded Revenue B Follows plaint spit nue Sear Chaint plaint			100.00%			7.55%		55	92.45% 89.32%
c Payroll Factor Depreciation Factor			100.00%			9.62% 10.26%			90.38% 89.74%

UG-\_\_\_\_-NWN's 3Q 2016 Quarterly Results of Operations Page 17 of 53

Ex         Description (14)         Description (14) <thdescription< th=""> <thdescriprescription< th=""> <thdes< th=""><th>NW N Washi 12 Mon</th><th>NW Natural Washington Results of Operations 12 Month Ended Reports</th><th>System Direct</th><th>System Allocated</th><th>System Total</th><th>Washington Direct</th><th>Washington</th><th>Washington Total</th><th></th><th>Direct</th><th>Direct Direct</th></thdes<></thdescriprescription<></thdescription<>	NW N Washi 12 Mon	NW Natural Washington Results of Operations 12 Month Ended Reports	System Direct	System Allocated	System Total	Washington Direct	Washington	Washington Total		Direct	Direct Direct
Transportation Revenue         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,073,98         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053         11,053	<u></u> 480.1 481.1 481.3 481.3 481.5 481.5	Sales	403,698,098 201,319,625 21,522,287 20,944,696 20,944,696 0 0 647,514,705	27,565 57,565	403,698,098 201,319,625 21,522,287 20,944,696 57,565 647,572,270	40,913,048 40,913,048 16,309,820 10,305 556,972 0 0 0 556,972 556,972 556,972	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40,913,048 16,309,820 1,907,505 556,972 556,972 0 (14,161) 29,672,184	362,5 185,0 20,3	362,785,049 185,009,805 19,644,782 20,387,724 20,387,724 0 0	71,726 12,728 12,728 12,728 12,728 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,726 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7776 12,7777 12,77777 12,7776 12,77777 12,77777 12,777777 12,777777777777777777777777777777777777
Rate Adjustments - Amortizations         (2,345,633)         (0         (2,345,633)         (1,615,390)           Minecellinements Ferenues Session Exercutes Executed Closed Charge Sess During Office Hours Fed Closed Ses During Office Hours Fed Close Fed Ses During Office Hours Fed Close Fed Ses During Office Hours Fed Closed Sec During Office Hours Fed Closed Sec During Office Hours Fed Close Fed Sec During Office Hours Fed Close Close Fed Close Fed Sec During Office Fed Sec During Fed Close Fed Sec During Office Fed Sec During	489.12 489.13 489.15 489.3	Transp In In Ag	11,073,908 7,986,022 0 40,520 19,100,450	0000	11,073,908 7,986,022 0 40,520 19,100,450	1,269,250 898,350 0 2,167,600	0000	1,269,250 898,350 0 0 167,600	9,80 7,06	9,804,658 7,087,672 0 40,520 16,932,850	
Hiscellaneous Revenues         2,009,950         64,105           Lats Present Change         15,400         0         16,400         11,35           Seatonal Recentues         15,313         0         2,7935         11,355           Reactional Recentues         10,395         0         15,313         10,335           Reactional Recentues         10,395         0         15,313         10,335           Reaction Resented         10,305         10,305         10,305         10,305           Reaction Change Scatching         10,305         10,305         10,305         10,305           Reaction Change Scatching         10,315         10,305         10,305         10,305           Reaction Change Scatching         11,314         0         11,316         10,305           Reaction Change Scatching         11,314         0         11,313         10,305           Reaction Change Scatching Office Hours         13,143         0         13,143         10,305           Reaction Change Recenue         14,143         17,744,883         12,135,440         17,303,440           Reaction Recenue         11,144,883         11,114         11,114         11,114         11,114           Reaction Recenue         16,144,9	495.6	Rate Adjustments - Amortizations	(2,345,853)	0	(2,345,853)	(1,615,390)	0	(1,615,390)	(73(	(730,463)	),463) 0
Total Operating Revenue         E6/,744,883         430,516         668,175,399         60,456,960           WACOG Deferred         24,618,965         0         187,599,186         17,038,430           WACOG Deferred         24,618,965         0         24,618,965         3,730,501           WACOG Deferred         24,618,965         0         24,618,965         3,730,501           Demand Deterred         20,974,135         0         7,907,2293         8,447,720           Demand Deterred         20,974,135         0         7,907,2293         8,447,720           Demand Deterred         20,974,65         13,702,913         69,456,613         24,50,500           Amotization of Gas         26,575,839         0         24,50,543         24,50,943         24,50,500           Coreations & Maintenance         13,327,665         123,676,445         137,0039,130         692,098         12           Amotization of Gas         26,575,839         0         7,907,239         68,377,330         693,373           Amotization of Gas         26,575,839         0         26,575,839         1,410,900         2,456,639           Brepretion         0         7,507,110         5,549,054         0         2,456,239         0	487 488.0 488.0 488.1 488.4 488.4 488.5 488.5 488.5 488.5 488.5 488.5 493.2 495.1 495.1	Miscellaneous Revenues Late Payment Charge Seasonal Reconnect Fee Belinquent Reconnect Fee Recurned Check Charge Recon Charge CR Anter Office Hours Field Collection Charge Recon Charge Seas Auring Office Hours Recon Charge Seas Auring Office Hours Tech Alacenter Auring Content Auring Automated Payment Charge	2,009,950 16,400 16,400 280,300 287,915 35,150 35,150 1,910 48,336 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,910 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 1,915 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2,51,150 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,123 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 2,51,133 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245,755 328,620 15,480 15,480 15,480 15,480 15,480 15,480 15,480 15,480 15,480 15,480 15,480 15,480 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,427 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 190,420 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190,4200,4200,4200,4200000000000000000000	5,845 5,440 6,440 6,440 5,755 5,755 5,755 5,755 1,290 1,229 1,229 1,460 1,427 1,460 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 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1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427 1,427
Cost of Gas WACOG Incurred         187,598,166         0         187,598,186         17,038,430           WACOG Incurred         24,613,655         0         24,61365         3,377,201           Demand Deferred         24,613,655         0         24,6136         3,377,201           Demand Deferred         0,994,135         0         7,307,2239         694,0131           Demand Deferred         0,7307,2239         0         7,307,2239         694,0131           Annitization of Gas         0         7,307,2239         0         7,307,2239         694,031           Total Cost of Gas         26,5,339         0         7,307,2239         694,031         7,307,2239         694,031           Coperations & Maintenance         13,327,665         13,357,643         21,410,000         2,426,639         14,10,900           Coperations & Maintenance         13,137,141,000         5,549,054         5,549,054         6,533         2,540,073         6,533,137         2,550,013         2,550,039         13,702,133         1410,900         17,100         14,10,900         17,100         14,10,900         17,100         140,900         140,900         140,900         140,900         140,900         140,901         140,900         140,917,100         140,901 <t< th=""><th></th><th>Total Operating Revenue</th><td>667,744,883</td><td>430,516</td><td>668,175,399</td><td>60,456,960</td><td>11,560</td><td>60,468,521</td><td>607,287,923</td><td>: ສ</td><td></td></t<>		Total Operating Revenue	667,744,883	430,516	668,175,399	60,456,960	11,560	60,468,521	607,287,923	: ສ	
Cperations & Maintenance         13,352,665         123,675,465         137,029,130         692,098         12           Cuther Taxes         Cuther Taxes         Cuther Taxes         0         27,441,000         2,432,639         0         7,441,000         2,432,639         0         7,441,000         2,452,639         0         7,741,000         2,432,639         0         7,741,000         2,432,639         0         7,741,000         2,432,639         0         7,741,000         2,432,639         0         7,741,000         2,432,639         0         7,741,000         2,743,039         0         7,741,000         0         7,741,000         2,740,735         0         7,741,000         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,100         0         7,741,710         5,549,073         0         0         7,5,340,735         0         0         7,5,340,735         0         0         7,5,340,735         0         0         7,5,340,735 <t< th=""><th>804.7 805.7 804.6 804.6 805.8</th><th>Cost of Gas WACOG Incurred WACOG Deferred Dermand Incurred Dermand Offerred Amoritzation of Gas Costs Total Cost of Gas</th><td>187,598,166 24,519,965 80,94,135 (7,907,229) (21,827,573) 263,426,493</td><td>00000</td><td>187,598,186 24,618,965 80,944,135 (7,907,229) (21,827,573) 263,423</td><td></td><td>00000</td><td>17,038,430 3,730,501 8,347,720 (894,051) (4,652,030) 23,570,570</td><td>170,559,756 20,888,464 72,596,414 (7,013,778) (17,175,544) 239,855,913</td><td>55 45 45 45 55 51 2 2 3 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5</td><td></td></t<>	804.7 805.7 804.6 804.6 805.8	Cost of Gas WACOG Incurred WACOG Deferred Dermand Incurred Dermand Offerred Amoritzation of Gas Costs Total Cost of Gas	187,598,166 24,519,965 80,94,135 (7,907,229) (21,827,573) 263,426,493	00000	187,598,186 24,618,965 80,944,135 (7,907,229) (21,827,573) 263,423		00000	17,038,430 3,730,501 8,347,720 (894,051) (4,652,030) 23,570,570	170,559,756 20,888,464 72,596,414 (7,013,778) (17,175,544) 239,855,913	55 45 45 45 55 51 2 2 3 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Other Taxes         Cuther Taxes         20,675,839         0         20,675,839         1,410,900         2,422,639         0         2,422,639         0         2,422,639         0         2,422,639         0         2,422,639         0         2,422,639         0         2,422,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         0         2,432,639         1,1,221,309         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         4,033,1,26         1,1,721,309         1,1,721,309         1,1,721,309         1,1	Detail	<b>Operations &amp; Maintenance</b>	13,352,665	123,676,465	137,029,130	692,098	12,836,257	13,528,356	12,660,567	292	67 110,840,208
Depreciation         0         75,340,735         75,340,735         0           Income Taxes         Income Taxes         11,721,309         33,71560         33,71560           Federal Income Taxes         Deferred         33,717,660         33,717,660         33,717,660           Pederal Income Taxes         Deferred         11,721,309         395,073         395,073           Oregon Income Taxes - Deferred         10,024,726         10,024,726         10,024,726           Total Operating Revenue Deductions         316,931,919         204,566,254         523,995,403         28,345,797 <td< th=""><th>40%.11 40%.12 40%.13 40%.14 40%.14</th><th>Other Taxes Property Franchise Payroli Other Regulatory Total Other Taxes</th><td>20,675,839 17,141,000 570,822 1,767,110 40,154,771</td><td>5,549,054 5,549,054 0 5,549,054</td><td>20,675,839 17,141,000 5,549,054 5,549,054 5,70,822 1,767,110 45,703,825</td><td>1,410,900 2,452,639 85,837 133,752 4,083,128</td><td>550,882 550,882 0 550,882</td><td>1,410,900 2,452,639 550,882 85,837 133,752 4,634,010</td><td>19,264,939 14,688,361 0 484,985 1,633,358 36,071,643</td><td>6 5 ° 8 8 7</td><td>939 0 961 0 0 4,998,172 985 0 858 0 541 4,998,172</td></td<>	40%.11 40%.12 40%.13 40%.14 40%.14	Other Taxes Property Franchise Payroli Other Regulatory Total Other Taxes	20,675,839 17,141,000 570,822 1,767,110 40,154,771	5,549,054 5,549,054 0 5,549,054	20,675,839 17,141,000 5,549,054 5,549,054 5,70,822 1,767,110 45,703,825	1,410,900 2,452,639 85,837 133,752 4,083,128	550,882 550,882 0 550,882	1,410,900 2,452,639 550,882 85,837 133,752 4,634,010	19,264,939 14,688,361 0 484,985 1,633,358 36,071,643	6 5 ° 8 8 7	939 0 961 0 0 4,998,172 985 0 858 0 541 4,998,172
Income Taxes         Income Taxes           Federal Income Taxes - Deferred         11,721,309           Federal Income Taxes - Deferred         33,010,060           Federal Income Taxes - Deferred         33,010,060           Federal Income Taxes - Deferred         33,010,060           Oregon Income Taxes - Deferred         0,02,010           Oregon Income Taxes - Deferred         0,010,060           Total Operating Revenue Deductions         316,933,919         204,566,254         562,995,403         28,345,797           Net Operating Income         105,173,919         204,566,254         562,995,403         28,345,797	403.1	Depreciation	0	75,340,735	75,340,735	0	155,108,7	7,801,531	4	0	0 67,539,204
ue Deductions 316,933,919 204,556,254 552,395,403 28,345,797 105,179,996	409.11 410.1 411.4 409.1 410.1 411.1	Income Taxes Federal Income Taxes Federal Income Taxes - Deferred Federal Income Taxes - Deferred Oregon Income Taxes - Deferred Oregon Income Taxes - Deferred Oregon Income Taxes			11,721,309 38,717,060 (16,201,013) 995,073 10,024,013 10,024,073 10,024,073 10,024,073 41,495,230		<b>I</b>	4,487,005 4,487,005 0 101,181) 0 4,385,824			
			316,933,919	204,566,254	562,995,403	28,345,797	21,188,670	53,920,291	288,588,122	- 21	2 183,377,585
		Net Operating Income			105,179,996		J	6,548,230			

									August 2016
	system	system	System	Washington	Washington	Washington	Oregon	Oregon	Oregor
NW Natural Washington Results of Operations 12 Month Ended Reports	Direct	Allocated	T021	Direct	Allocated	Total	Direct	Allocated	Total
Rate Base 101 Gross Plant			2,736,636,715			279,887,989			2,456,748,726
108.1X Accumulated Depreciation	ntion		(1,205,065,694)			(118,436,734)			(1,086,628,960)
Adj Working Capital Allowance	rance		38,453,005			3,460,566		_	34,992,438
117.X Storage Gas - Cushion			14,159,436			1,332,403			12,827,033
186.XX Leasehold Improvements	snts		655,675			65,265			590,411
252.XX Customer Contributions	us		(3,474,928)			(479,794)			(2:995,135)
283.XX Deferred Taxes - Federal 283.XX Deferred Taxes - State	1381 1		(336,124,528) (67,539,505)			(33,194,697) 0			(302,929,831) (67,539,505)
Total Rate Base			1,177,700,176		н	132,634,998			1,045,065,178
Rate Of Return on Rate Base	ä		8.93%			4.94%			9.44%
Allocation References: A Unbiled Reverve Dreed An Daread			100.00%			-24.60% 6.90%			124.60% 93.10%
			100.00%			9.93%			90.07% 89.65%

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NW Natural Washington Results of Operations 12 Month Ended Reports Summary

Total Operating Revenue Total Rate Base Rate Of Return on Rate Base

August 2016 Oregon Total 9.44% 98,631,766 1,045,065,178 Oregon Allocated 
 System
 Washington
 Washington
 Oregon

 Total
 Direct
 Allocated
 Total
 Direct
 6,548,230 132,634,998 4.94% 8.93% 105,179,996 1,177,700,176 System System Direct

Washington Quarte	Washington Quarterly Results of Operations Report			
<b>Operations and Mai</b>	<b>Operations and Maintenance Expense: Allocation of System Amounts</b>			
For the period ended August 31, 2016	id August 31, 2016	Month		
		Guetom	ممغم مترام م181 ممغم	
Natural Gas Storage	۵		Washington	Oregon
Undergro	Underground Storage Expense			
Operation	u			
816	Wells Expense	\$20,260	\$1,906	\$18,354
818	<b>Compressor Station Expense</b>	\$0	0\$	0\$
819	Compressor Station Fuel	\$0	\$0	\$0
820	Measuring and Regulator Station Expense	\$183,025	\$17,193	\$165,832
821	Purification Expense	\$0	0\$	\$0
Maintenance	lance			
832	Wells Expense	\$16,525	\$1.555	\$14.970
	Total Underground Storage Expense	219,811	20,655	199,156
Other Sto	Other Storage Expense			
Operation	on			
840	Supervision and Engineering	\$7,908	\$752	\$7,156
	Total Other Storage Expense	7,908	752	7,156
Liquified	Liquified Natural Gas Expense			
Operation	on			
844	Supervision and Engineering	\$155,745	\$14,656	\$141,090
845	LNG Fuel	\$0	\$0	\$0
Maintenance	lance			
847	Supervision and Engineering	\$64,249	\$6,049	\$58,200
	Total Liquified Natural Gas Expense	219,994	20,705	199,290
	Total Natural Gas Storage	447,713	42,112	405,601
	03QTR16 OM Allocation	location		Page 1 of 3

NW Natural

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\$130,219 \$42,388 \$87,831	\$13,574 \$1,158 \$12,416 143,794 43,546 100,247	\$224,042\$19,691\$204,350\$1,062,941\$107,697\$955,244\$1,176\$1,963\$19,213\$21,176\$1,963\$19,213\$34,686\$2,899\$31,788\$34,686\$2,899\$31,788\$504,010\$53,652\$450,357\$806,219\$85,414\$720,805\$201,274\$22,069\$179,205\$21,249\$2,491\$18,759	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	\$133,806 \$14,331 \$119,475 \$76,766 \$8,222 \$68,545 \$1,427,897 \$152,364 \$1,275,533 29,687 3,126 26,561
Transmission Expense Operation 856 Mains Expense	Maintenance 863 Maintenance of Mains Total Transmission Expense	Distribution ExpenseOperationOperation870Supervision and Engineering874Mains and Services Expense875Measuring and Regulator Station Expense877Measuring and Regulator Station Expense878Meter and House Regulator Station Expense879Customer Installation Expense879Customer Installation Expense880Other Expense881Rents	Maintenance 885 Supervision and Engineering 887 Mains 889 Measuring and Regulator Station Expense - General 891 Measuring and Regulator Station Expense - City Gate 892 Services 893 Meters and House Regulators 894 Other Equipment 70tal Distribution Expense	Customer Accounts Expense Operation 901 Supervision 902 Meter Reading Expenses 903 Customer Records and Collection Expense 904 Uncollectible Accounts 904 Mallocation

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1,668,156 178,042 1,490,113	\$201 \$20 \$20 \$179 144,844 13,517 131,327 173,859 18,620 155,238 121,128 13,142 107,986 440,032 45,302 394,730	12,446 1,333 11,113 411,974 42,482 369,492 70,150 7,513 62,637 	4,527,336       473,793       4,053,543         4,527,336       473,793       4,053,543         (1,626,672)       (166,590)       (1,460,082)         252,831       25,283       227,548         4,558       226       4,332         119,380       11,329       108,051         -       -       -       -         42,681       -       -       -         389,779       38,595       351,183	416,764     43,080     373,685       4,126,656     429,984     3,696,672       11,632,406.71     \$1,164,769.94     \$10,467,636.77       10.01%     \$10.01%     89.99%
<b>Total Customer Accounts Expense</b>	Customer Service and Informational Operation 907 Supervision 908 Customer Assistance Expense 909 Customer Information Expense 910 Miscellaneous Customer Service Expense Total Customer Service and Informational	Sales Expense Operation 911 Supervision 912 Demonstration and Selfing Expense 913 Advertising 916 Miscellaneous Sales Expense Total Sales Expense	Administrative and General ExpenseOperation09210ffice Supplies and Expense922Administrative Expenses Transferred - Credit924Property Insurance Premium925Injuries and Damages926Employee Pensions and Benefits928Regulatory Commission Expense930Miscellaneous General Expense931	Maintenance 935 Maintenance of General Plant Total Administrative and General Expense Total Operations and Maintenance Expense

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		System	em			Washington			Oregon		
_	Direct	Allocated	ited	Total	Direct	Allocated	Total	Direct	Allocated	Total	
FERC Description	Aug	Aug		Aug	Aug	Aug	Aug	Aug	Auq	Aud	Allocation Method
	\$ '	\$ 20,	20,260.31 \$	20,260.31	د	\$ 1,906.50	\$ 1,906.50	\$	\$ 18,353.81 \$		firm volumes Total
B16 Wells Expense Total	s S	\$ 20,	20,260.31 \$	20,260.31	<u>،</u>	\$ 1,906.50	\$ 1,906.50	s -			
	۰ ډ	Ş	s,	•	s .		•	•	I.		Firm Volumes Total
818 Compressor Station Expense Total	s s	Ş	۰ د		•	•	s -	•	s . S		
	د	s	0.01 \$	0.01	د	\$ 0.00	\$ 0.00	د	s 0.01 \$	10.0	Firm Volumes Total
819 Compressor Station Fuel Total	<del>،</del>	ş	0.01 \$	0.01	ۍ د	S 0.00	\$ 0.00	ۍ د	S 0.01 S	0.01	
			s ,	•	۰ ۲	•	د	- \$	s , s	•	3-factor Total
	\$ 312.07	s	ۍ ۰	312.07	۰ چ	,	•	\$ 312.07	s .	312.07	Direct-OR Total
	•	\$ 182,	182,713.04 \$	182,713.04	s د	5 17,193.30	\$ 17,193.30	s	\$ 165,519.74 \$	165,519.74	Firm Volumes Total
820 Measuring and Regulator Station Expense Total	\$ 312.07	ŝ	182,713.04 \$	183,025.11	s .	\$ 17,193.30	5 17,193.30	\$ 312.07	S 165,519.74 \$	165,831.81	
	•	s	•	•	۰ د		\$ ·	•	s - S		Firm Volumes Total
821 Purification Expense Total	<u>،</u>	s	ۍ ۰	•	s -	s	1		s -		
	S	\$ 16,	16,525.20 \$	16,525.20	۔ ج	\$ 1,555.02	\$ 1,555.02	- \$	5 14,970.18 \$	14,970.18	Firm Volumes Total
832 Wells Expertse Total	\$	\$ 16,	16,525.20 \$	16,525.20	•	\$ 1,555.02	\$ 1,555.02	÷ \$	5 14,970.18 S	14,970.18	
	• •	\$ \$ 7,	623.96 \$ 7,284.38 \$	623.96 7,284.38	• •	5 66.83 5 685.46	5 66.83 5 685.46	• •	\$ 557.13 \$ \$ 6.598.92 \$	557.13 6.598.92	Customers-All Total Firm Volumes Total
840 Supervision and Engineering Total	•	\$ 7,	7,908.34 \$	7,908.34	s -	1	\$ 752.29	•	\$ 7,156.05 \$	7,156.05	
	\$	\$ 155.	155,745.34 \$	155,745.34	s .	5 14,655.64	\$ 14,655.64	- ·	\$ 141,089.70 \$	141,089.70	Firm Volumes Total
844 Supervision and Engineering Total	ۍ ۲	\$ 155,	155,745.34 \$	155,745.34	s s	5 14,655.64	\$ 14,655.64	- \$	S 141,089.70 S	141,089.70	
847 Supervision and Engineering	•	s	562.45 \$	562.45		56.25	S6.25	۰ ۲	\$ 506.21 \$	-	3-factor
	, ,	s u	562.45 \$	562.45	•	56.25	5 56.25	• •	\$ 506.21 \$		3-factor Total
847 Supervision and Envineerine Total	 . v		c cc.000,c0	00,000,00	, , , ,	06.262,0	21,2992.90		5 57,693.65 5 6 co 100 oc f	59'E69'/S	Hrm Volumes Total
		\$ ¥ > v		00.074,50					C CD-20/133-02 C		
		i v		,			nercec't o	 • v	< 07'778'FT <	13,822.20	S-ractor lotal
	\$ 73,461.39		• •	73,461.39	1			\$ 73.461.39	, , , ,	73,461,39	Direct-OR Total
	\$ 40,800.00	\$	•	40,800.00	\$ 40,800.00	•	\$ 40,800.00	s	- 47 - 1		Direct-WA Total
	<del>،</del>	ŝ	600.00 \$	600.00	•	52.26	5 52.26	•	\$ 547.74 \$	547.74	Sales/Sendout Volumes Total
	1	s	•	•	•	•	1	\$	\$ - \$	•	sendout volumes Total
856 Mains Expense Total	\$ 114,261.39	\$ 15.	15,958.00 \$	130,219.39	\$ 40,800.00	\$ 1,588.06	\$ 42,388.06	\$ 73,461.39	\$ 14,369.94 S	87,831.33	
	, ,	m" vo u	3,811.80 \$	3,811.80	•	381.18	381.18	•	\$ 3,430.62 \$	3,430.62	3-factor Total
	, , , ,	n v1	9.762.40 \$	9.762.40	1 1 5 V			 . v	v 16 280 8 0	, 100 9	Direct-UR Total Sectors Volumer Tetral
863 Maintenance of Mains Total		S 13.	13.574.20 \$	13.574.20		1.158.27	1 158.27		2 10:0000 S		
	s	S 127,	127,949.71 \$	127,949.71	•	12,040.07	\$ 12,040.07		\$ 115,909.64 \$	-	Firm Volumes Total
	, ,	\$	322.99 \$	322.99	•	28.13	5 28.13	•	\$ 294.86 \$		Sales/Sendout Volumes Total
		S 95,	95,769.08 \$	95,769.08	,	7,623.22	7,623.22	\$	\$ 88,145.86 \$	_	Sendout Volumes Total
870 Supervision and Engineering Total	s	\$ 224,	224,041.78 S	224,041.78	,	19,691.42	5 19,691.42	\$	\$ 204,350.36 S	_	
	,	\$ 393,	393,127.13 \$	393,127.13	1	39,312.71	39,312.71	•	5 353,814.42 \$	_	3-factor Total
	5 191 574 97		< 84-385.404 <	409,588.48 191 574 97	 	43,806.93	43,866.93	5 101 C21 D7	5 365,721.55 S	365,721.55	Customers-All Total
				20.700.92	20.700.92		20.700 47		 		Direct-Un total
		, A7,	47 949 50 ¢	47 949 ED	2000/07 0	3016.76	12.00/,02 0	 			Direct-WA local
874 Mains and Services Expense Total	\$ 212,275.89	\$ 850,1	850,665.11 \$	1,062,941.00	\$ 20,700.92	86,996.42	107,697.34	\$ 191,574.97	5 763,668.69 S		
		\$ 1.	1,104.90 \$	1,104.90	•	110.49	110.49		5 994.41 5	-	3-factor Total
	, ,	\$ 10,	10,992.52 \$	10,992.52	•	875.00	875.00	-	\$ 10,117.52 \$	_	Sendout Volumes Total
	, ,	5 6	9,078.98 \$	9,078.98	-	977.81	977.81	-	<u>5</u> 8,101.17 \$	-	Telemetering Total
875 Measuring and Regulator Station Expense - General Total		\$ 21.	21,176.40 \$	21,176.40	•	1,963.30	1,963.30	-	s 19,213.10 S	_	
	•		3,702.40 S	3,702.40	•	370.24	370.24	• •	5 3,332.16 \$	3,332.16	3-factor Total
	, ,	2	2.261.65 \$	2,261.65	•	242.22	242.22	•	5 2,019.43 \$	2,019.43	2,019.43  Oustomers-All Total

Page 1 of 4

	, ,				\$	• دو ۱	1	•	م	s	<u>،</u>		
877 Measurine and Beenjator Station Evnance - Chu Gota Tohul		~ "	24 696 77 6	28,722.22	<u>s</u> u		2,286.29 5	2,286.29		5 26,435.93	15.93 \$	26,435.93	Sendout Volumes Total
			0 / V. NOO. L	17.000.45	<u> </u>	n .	c c/.0co17	C/'020'7	•	25./8/.15	~ 70.1	75'/9/'15	
	•	•			<u>^</u>	~ ·	,		•	<i>n</i>	•	•	3-factor Total
	•	n f	C 65.U/1.55	55'D/T'555	0	~ ·	CC.818.70	CC'RTR'ZC	•	5 440,351.84	1.84 \$	440,351.84	Customers-All Total
	•	<u>^</u>	2 49'715'2	P4.215.2	<u>^</u>	~ ·	2 36.21/	712.95	•	5 8,60	8,606.69 \$	8,606.69	Customers-ind Total
	•	<b>n</b> -	•	•	5	ю •	•	•	5	s	ŝ	٠	Customers-Res Total
	•	ŝ	·	•	\$	\$	• <b>•</b>	•	, ,	s	, S	,	Direct-OR Total
	•	ŝ	۰ ۱	•	s	۰ ب	•	•	•	s	ŝ	•	Employee Cost Total
	•		1,519.52 \$	1,519.52	ŝ	ۍ ۲	120.95 \$	120.95	\$ -	\$ 1,39	1,398.57 \$	1,398.57	Sendout Volumes Total
878 Meter and House Regulator Expense Total	•	"	504,009.55 \$	504,009.55	s	•	53,652.46 \$	53,652.46	۔ د	\$ 450,357.09	\$ 60.73	450,357.09	
	•		28,586.54 \$	28,586.54	Ş	ۍ +	2,858.65 \$	2,858.65	- \$	\$ 25,727.89	7.89 \$	25,727.89	3-factor Total
	ۍ د	\$ 77	770,822.27 \$	770,822.27	\$	\$ 1	82,555.07 \$	82,555.07	۰ د	\$ 688,267.20	7.20 \$	688.267.20	Customers-All Total
	\$ 6,809.88		1	6,809.88	5	· v	•	1	5 6.809.88			6.809.88	Direct-OR Total
		- 01	•	4				1		• •			
		• •	• •		• •	ъ ч 		2		•	•		
879 Customer Installation Expense Total	5 6.809.88	5	99.408.B1 \$	806.218.69	2		85,413.72	85.413.77	\$ 6.809.88	2 713 005 00	2 V 1	720 804 97	
			39 578 66 6	129 520 55			2 10 L10 L1	10 020 01		,  .		10-10-10-10-10-10-10-10-10-10-10-10-10-1	
		) vi	11.164.34 \$	11.164.34	<b>5 1</b> 0	n va 1 1	5 02/56/11	1.195.70	н н Ф. М	70/471 S	4 6/0/3/6/6/	6/'C/Q'b7t	3-factor rotal Cistement-All Total
	\$ 17,157,44		- 10	17.157.44	- 41	- vr		8	\$ 17.157.44			17,157.44	Direct-OR Total
			- 47	4,650.27	S 4,65	4,650.27 \$	1	4.650.27		1 1/1	• v		direct-wa Total
			29,773.41 \$	29,773.41	s	s ,	2,369.96 \$	2,369.96	•	\$ 27,403.45	ia.45 S	27,403.45	Sendout Volumes Total
880 Other Expense Total	\$ 21,807.71	-	79,466.41 \$	201,274.12	\$ 4,650.27	0.27 \$	17,418,53 \$	22,068.80	S 17,157,44	\$	7.88 \$	179,205.32	
			18,885.86 \$	18,885.86	ŝ	s .	1,888.59 \$	1,838.59	• \$	\$ 16,997.27	7.27 \$	16,997.27	3-factor Total
	,		2,363.46 S	2,363.46	s	ۍ ۲	602.21 \$	602.21	•	\$ 1.76	1,761.25 \$	1,761.25	<b>Customers-The Dalles Total</b>
BB1 Rents Total		\$	21,249.32 \$	21,249.32	s	د	2,490.80 \$	2,490.80	\$	\$ 18,758.52	8.52 \$	18,758.52	
		\$ 19	4,298.38 \$	194,298.38	s	s	19,429.84 \$	19,429.84	\$	\$ 174,868.54	8.54 \$	174,868.54	3-factor Total
		~ ~ ·	(1,185.47) \$	(1,185.47)	\$	\$ •	(126.96) \$	(126.96)	s.	\$ (1,058.51)	8.51) \$	[1,058.51]	
	2	<b>N</b> 4		582,793.05	\$	ۍ ا		2	5 582,793.05	<b>N</b>	s	582,793.05	Direct-OR Total
	00'715'7 c	n (		2,312.66	5 Z,312,66	2 66 2		2,312.66	•	5		•	Direct-WA Total
		<b>^</b> •	•	4	A 4	, v	) }		•	<u>ه</u>	νο • •	,	Employee Cost Total
		n v	6 6 660 65 ¢	, 660 65	n v	~ ~				5 U		- 120.46	sales volumes Total
#85 Gunoruleion and Englosezine Tetral	C COC 1/C 71	ľ	0,773,556		0 1 1 1 2 0		C 11000 VV	51.000 Ct	2 +00 TOS 01	n	0'120.40 \$	0470510	SERBOUL VOIUTES LOLA
		1	\$ 00.011,000	1976.73	10'7 0	~ ~ 00.7	5 C9 C01	27.041,22	c0.55/,250 c	000066/1 0 0	0.00	12 227 1	1. factor Tatal
		-	07 595 BD 5	107 595 80	h v		13 621 75 5	37 123 11			0 20 2	10.000/1	
		•	533.10 \$	00.055, VV1	n va	n vi	\$ 00.72	57.10	• •	5 476 00	476.00 \$	476.00	Customers Porty van 60% Fotal Cristomers.Alt Total
	5 97.460.14			97.460.14					\$ 97 AKD 14	• •	• •	00.0 %	
			• •	10,998.80	\$ 10,998.80	8.80 \$	3	10,998.80		• • •	ы м (б.)		Direct-WA Total
1		ş	- 5	-	S	ج	\$	•	د	s	s	•	sendout volumes Total
887 Mains Totai	\$ 108,458.94	\$ 11	10,055.13 \$	218,514.07	\$ 10,998.80	8.80 \$	12,881.46 \$	23,880.26	\$ 97,460.14	5 97,173.67	3.67 5	194,633.81	
	•	Ş	1,551.27 \$	1,551.27	Ş	<b>\$</b>	155.13 \$	155.13	+ S	\$ 1,396.14	6.14 \$	1,396.14	3-factor Total
		ŝ	ч. 1	4	s	ۍ ۱	•		•	\$	s	•	Customers-All Total
	5 287.87	<b>.</b> .	•	287.87	v. v	• •	•	•	5 287.87	<b>\$</b>	5 ( 1	287.87	Direct-OR Total
	• •	م م م	5 CE28238		n v	n v	\$ 01 C00 3						Firm Volumes Total
		• • • •	17 376 70 5	17 375 70	5 V	• •	C CT-7CO/O	1 071 47	• •		0 51 0 0 51 0	12,023.12	Telement Volumes Ford
889 Measuring and Regulator Station Expense - General Total	5 287.87		05,513.29 \$	105,801.16	5	, ,	8,918.79 \$	8,918.79	<u>5 287.87</u>	\$ 96,594.50	4.50 5	96.882.37	
			1,850.95 \$	1,850.95	s	s	185.10 \$	185.10	•	\$ 1.665.86	5.86 5	1.665.86	3-factor Total
	•		۰ ج	•	\$	۰ ۲		ſ	•	s	\$	•	customers-all Total
			, s	•	ş	s.	s ,	,	•	ş	\$	•	Direct-OR Total
T.	•	s S	24,590.58 S	24,590.58	\$	ŝ	1,957.41 \$	1,957.41	۔ د	\$ 22,633.17	3.17 S	22,633.17	Sendout Volumes Total
891 Measuring and Regulator Station Expense - City Gate Total	•	ł	26,441.53 \$	26,441.53	s	s	2,142.51 \$	2,142.51	\$	\$ 24,299.02	9.02 \$	24,299.02	
	 	vi v		•	va u		•	•	•	<b>~</b> ~	•• •	•	3-factor Total
	66.69.10	n v	• •	11 137 33	n u	n u ,	· ·	•		^ •			
		<b>.</b> v	• •	AT.100(00	- 11 700 731		•	1100011	01.1c0,00 ¢	^ v	n 4 1 ()	01.120,00	DIrect-UN 10tal
		~ ~	13,038.12 \$	13,038.12		, s	1,037.83 \$	1.037.83	, , , ,	\$ 12,000.29	c 0.29 2	12.000.29	Sendout Volumes Total
892 Services Total	\$ 65,361.87		13,038,12 \$	78,399.99	\$ (1.289.23	9.231 \$	1.037.83 \$	[251.40]	<u>5 66.651.10</u>	5	2 0.29	78.651.39	

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	, , , , ,	\$ 1,528.34 \$ \$ 119,368.65 \$			152.83	5 152.83 5 12,784.38	 	1,375.51 \$ 106,584.27 \$	1,375.51 106,584.27	
	 	\$ 3,000.04 \$	494.33 5	• •	37.82	5 347.81 \$ 37.82	vn vn v	3,317.23 5 456.51 \$	3,317.23 456.51	Customers-Comm Total Customers-Ind Total
		\$ 30,968.76 \$		•	3,360.11	\$ 3,360.11		27,608.65 \$	27,608.65	Customers-Res Total
	\$ 2,436.57 \$	5 . 5 5 61 723 67 5	2,436.57 5	• •	- 10 P		\$ 2,436.57 \$	· · · · · · ·	2,436.57	Direct-OR Total
\$93 Meters and House Regulators Total	\$ 2,436.57	\$ 217.756.79 \$	220,193.36 \$		21,596.80	5 21,596.80	<u>5 2,436.57 S</u>	196,159,99 5	198,596,56	Sensour Volumes 10031
	\$	\$ 1,461.89 \$ c	1,461.89 5		146.19	5 146.19	5 5 5	1,315.70 \$	1,315.70	
894 Other Equipment Total		5 1,461.89 5	1,658.67 \$		146.19	5 146.19	<u>5 196.78 5</u>	1.315.70 \$	1.512.48	
	• •	5 . 5 5 133 805 68 5	- 5 133 RD5 68 6		14 320 69	5 14 330 60		110 475 00 0	-	3-factor Total
901 Supervision Total		5 133,805.68 5	133,805.68 5		14,330.59	\$ 14,330.59	• • • •	119,475.09 5	119.475.09	
	•	•	•				• •	1	-	3-factor Total
	• •	5 76,766.33 \$	76,766.33 \$		8,221.67	\$ 8,221.67		68,544.66 \$	68,544.66	Customers-All Total
902 Meter Reading Expenses Total		5 76,766.33 5	76,766.33 5		8,221.67	\$ 8,221.67	n v. 	68,544.66 \$	68,544.66	
	, ,	\$ 11,370.02 \$	11,370.02 \$		1,137.00	5 1,137.00	s - s	\$ 20'EE2'01	10,233.02	3-factor Total
	,	5 972,208.86 5	972.208.86	•	104,123.57	\$ 104,123.57		868,085.29 \$	868,085.29	customers-all Total
	, , , ,	5 33,868.04 5 5 410.757 92 6	33,868.04 5	•	2,590.91	2,590.91		31,277.13 \$	31,277.13	Customers-Ind Total
	5 192.42	c 58./c7/014 0	410,22,42 5		16.212,94	. 44,512,97	5.02.42 5.192.42 5	365,744.86 5	365,744.86 197.47	Customers-Res Total
903 Customer Records and Collection Expense Total		\$ 1,427,704.75 \$	1,427,897.17 5		152,364.45	\$ 152,364.45	\$ 192.42 \$	1,275,340.30 \$	1,275,532.72	
	•	\$ (150.00) \$	(150.00) \$	4	(16.07)	\$ (16.07)	s . s	(133.94) \$	(133.94)	Customers-All Total
		3,051.81 \$	3,051.81 5	•	289.62	5 289.62	· ·	2,762.19 \$	2,762.19	Customers-Comm Total
	, ,	5 1,686.71 5	1,686.71 5	•	129.03	5 129.03	• • •	1,557.68 \$	1,557.68	Customers-Ind Total
		25,098.08 5	25,098.08	• •	2,723.14	2,723.14	 	22,374,94 \$	22,374.94	Customers-Res Total
904 Uncollectible Accounts Total		\$ 29,686.60 \$	29,686.60 5		3,125.73	\$ 3,125.73		26,560.87 5	26,560.87	
	\$	200.69 \$	200.69 \$	\$	21.77		s - s	178.92 \$	178.92	Customers-Res Total
907 Supervision Total	, , ,	200.69 \$	200.69 \$	-	21.77		<u>s</u> - s	178.92 \$	178.92	
		•	•	•	•		s • s	s ,	•	3-factor Total
		63,079.49 \$	63,079.49 5	•	6,755.81	6,755.81	• • •	56,323.68 \$	56,323.68	Customers-All Total
		<pre>&lt; CE.085.448 0 </pre>	54,385,39	, ,	00.000,00	6,455.56 (187.74)	 	77,930.83 5 /1 547 571 6	77,930.83	Customers-Ind Total
	5 (1,385.18) S	\$	(1,385.18)	, v	· in		د	S -	(107780'T)	direct-or Total
			493.76 \$	493.76 \$	,	\$ 493.76	\$ .		-	Direct-WA Total
908 Customer Assistance Expense Total	\$ (891.42)	145,735.57 S	144,844.15 \$	493.76 S	13,023.63	\$ 13,517.39	\$ (1,385.18) \$	132,711.94 \$	131,326.76	
	5	173,858.76 \$	173,858.76 \$	•			\$ • \$	155,238.49 \$	155,238.49	Customers-All Total
909 Customer Information Expense Total		173,858.76 \$	173,858.76 5	-	18,620.27	\$ 18,620.27	\$ -	155,238.49 \$	155,238.49	
		10112700 ¢						S	407 ppr 61	Customers-All Total
910 Miscellaneous Customer Service Expense Total		121,127,90 \$	121.127.90 5		İ.	13.142.38	 	107.985.52 5	107.985.52	
	,	12,446.48 \$	12,446.48 5	s ·	1,333.02	\$ 1,333.02	s - s	11,113.46 \$	11,113.46	Customers-All Total
911 Supervision Total		12,446.48 \$	12,446.48 5	•	1,333.02	1,333.02	s . s	11,113.46 S	11,113.46	
		725.78 \$	725.78 5	'	72.58	72.58	• • •	653.20 \$	653.20	3-factor Total
		C 66.07/760 4	C 65.07/760	, , ,	277100'76	44,001.47	~ ·	350,667.72	350,667.72	Customers-All Total
	\$ 15,311.92	S	15,311.92	• •	- 10.000 -	70.846	одолого с 5 15,311.92 \$	< 70'659'7 5 -	26.911.92	Direct-OR Total
912 Demonstration and Selling Expense Total	\$ 15,311.92	396,662.31 S	411,974.23 \$		42,481.87 5	42,481.87	\$ 15,311.92 \$	354,180.44 \$	369,492.36	
		70,150.17 \$	70,150.17 \$	•		7,513.08	s - s	62,637.09 S	62,637.09	Customers-All Total
913 Advertising Total		70,150.17 \$	70,150.17 \$	-	7,513.08	3 7,513.08	\$ -	62,637.09 \$	62,637.09	
		3,897,624.77 5	3,897,624.77	' '	389,762.48	389,762.48		3,507,862.29 \$	3,507,862.29	3-factor Total
		< 07.4/2/20			C 1011010	P0.105		\$ 95.221,76	57,122.56	Customers-All Total
		13.749.45 \$	13.749.45	• •	1.491.82	1.491.87	 	\$ C/.T0#	401.13 17 757 61	Customers-Ind Fotal
	\$ 90,391.00	•	90,391.00	• • •	1		\$ 90,391.00 \$	•		Direct-OR Total
	•	306,143.09 \$	306,143.09 \$	s •	29,236.67	29,236.67	\$ •	276,906.42 \$		Employee Cost Total

Page 3 of 4

	\$	· ·	•	•	، ې	Ś	s ,	-	7	s		Firm Volumes Total
	s	ł	154,618.08	\$ 154,618.08	\$	ŝ	46,385.42 \$	46,385.42 \$		\$ 108,232.66	5 108,232.66	108,232.66 Regulatory Total
	s	s ,	•	•	\$	S	•	,	•	*	,	sales volumes Total
2	s	•	•	•	\$	ŝ	•	•	,	۰ د	,	Sales/Sendout Volumes Total
	~	<del>ر</del> ه ا	334.92	\$ 334.92	۰ ۶	s	26.66 \$	26.66 \$	,	\$ 308.26	5 308.26	308.26 Sendout Volumes Total
921 Office Supplies and Expense Total	5	90,391.00 \$	4,436,944.51	\$ 4,527,335.51	» ۶	\$	473,792.93 \$	473,792.93	90,391.00	\$ 3,963,151.58	\$ 4,053,542.58	
	<b>v</b>	· ·	(1,147,240.98)	\$ (1,147,240.98) \$ (1,147,240.98) \$	s	s	(120,804.48) \$	(120,804.48) 5	,	\$ (1,026,436.50)	\$ (1,026,436.50)	\$ {1,026,436.50} Admin Tran Total
	s	° '	\$ (479,430.90) \$	\$ (479,430.90) \$	\$	Ş	(45,785.65) \$	[45,785,65] S	÷	5 (433,645.25)	\$ (433,645.25)	(433,645.25) Employee Cost Total
922 Administrative Expenses Transferred - Credit Total	\$	<del>ي</del> ه ۱	\$ (1,626,671.88)	,626,671.88) \$ (1,626,671.88) \$	ڻ چ	s	(166,590.13) \$	{166,590.13} \$	5	\$ (1,460,081.75)	5 (1,460,081.75)	
	s	s	252,830.75	\$ 252,830.75	- \$	s	25,283.08 \$	25,283.08 5	•	\$ 227,547.68	3 227,547,68	3-factor Total
924 Property Insurance Premium Total	s	۰ ۲	252,830.75	\$ 252,830.75	ار د	s	25,283.08 \$	25,283.08 \$	•	\$ 227,547.68	3 227,547.68	
	s	•	2,262.00	\$ 2,262.00	- 5	s	226.20 \$	226.20 5	•	\$ 2,035.80	2,035.80	3-factor Total
	s	2,296.28 \$	•	\$ 2,296.28	\$	s	- \$	5 (*)	2,296.28	•	5 2,296.28	2,296.28 direct-or Total
925 Injuries and Damages Total	\$	2,296.28 \$	2,262.00	\$ 4,558.28	•	s	226.20 \$	226.20 \$	2,296.28	\$ 2,035.80	4,332.08	
	ŝ	754.00 \$	•	\$ 754.00	· s	s	•	•	754.00		754.00	754.00 Direct-OR Total
	s	, 2	118,625.91	\$ 118,625.91	÷	s	11,328.77 \$	11,328.77 5	•	\$ 107,297.14	107,297.14	107,297.14 Employee Cost Total
926 Employee Pensions and Benefits Total	s	754.00 \$	118,625.91	\$ 119,379.91	- 5	ŝ	11,328.77 \$	11,328.77 \$	754.00	\$ 107,297.14	108,051.14	
	s		42,680.82	\$ 42,680.82	\$	s	4,268.08 \$	4,268.08 \$	•	\$ 38,412.74	38,412,74	3-factor Total
930 Miscellaneous General Expense Total	S	s ·	42,680.82	\$ 42,680.82	ۍ ۲	s	4,268.08 \$	4,268.08 5	•	\$ 38,412.74	38,412,74	
	Ś	•	383,459.46	\$ 383,459.46	•	s	38,345.95 \$	38,345.95		\$ 345,113.51	345,113.51	3-factor Total
	s	s '	2,330.00	\$ 2,330.00	, s	s	249.54 \$	249.54 5	٢	\$ 2,080.46	2,080.46	2,080.46 Customers-All Total
	ŝ	3,989.18 \$		\$ 3,989.18	- د	s	ې ۲		3,989.18	: ;	3,989.18	3,989.18 Direct-OR Total
931 Rents Total	Ś	3,989.18 \$	385,789.46	\$ 389,778.64	5 -	s	38,595.49 \$	38,595.49 \$	3,989.18	\$ 347,193.97	351,183.15	
	s	r I	311,126.28	\$ 311,126.28	•	S	31,112.63 \$	31,112.63 5	2	\$ 280,013.65	280,013.65	280,013.65 3-factor Total
	\$	· ·	2,241.40	\$ 2,241.40	*) \$	s	328.81 \$	328.81 \$	•	\$ 1,912.59	1,912.59	Customers port/van Total
	s	· ·	46,109.34	\$ 46,109.34	۰ ج	ŝ	4,938.31 \$	4,938.31 \$	٠	\$ 41,171.03	41,171.03	Customers-All Total
	s	•	2,897.70	\$ 2,897.70	s	s	738.33 \$	738.33 \$	•	\$ 2,159.37	2,159.37	<b>Customers-The Dalles Total</b>
	\$	51,503.18 \$		\$ 51,503.18	s	ŝ	*	•	51,503.18	s. S	51,503.18	Direct-OR Total
	s	6,283.44 \$	•	\$ 6,283.44	\$ 6,283.44	n E	\$	6,283.44 \$	ľ	s.	•	Direct-WA Total
	s	•	•	<u>،</u>	s.	s	\$ *	•	•	۰ د	,	Employee Cost Total
	Ś	•	356.42	\$ 356.42	' s	Ś	33.54 \$	33.54 5		\$ 322.88	322.88	322.88 Firm Volumes Total
	\$	•	(3.753.32)	\$ (3,753.32)	s ۲	Ś	(355.44) \$	(355.44) \$	2	\$ (3,397.88) \$	[3,397.88]	[3,397.88] sales volumes Total
935 Maintenance of General Plant Total	s	57,786.62 \$	358,977.82	\$ 416,764.44	\$ 6,283.44	14 S	36,796.19 \$	43,079.63 5	51,503.18	\$ 322,181.63	373,684,81	
Grand Total	\$	\$ 1,287,144.68 \$	\$ 10,345,262.03	\$ 11,632,406.71	\$ 84,950.62		\$ 1,079,819.32 \$	\$ 1,164,769.94 \$	\$ 1,202,194.06	\$ 9,265,442.71	\$ 10,467,636.77	

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## **September 2016 Activity**

NW Natural Quarterly Results of Operations Report to the WUTC 3rd Quarter 2016

NW Natural Washington Quarterly Results of Operations Report

		Hot Shinismaa		1 IVIN KIIII KEMAA	0.00	Hotolo .	Ciefail
Allocated	Total	Direct	Abocated	10121	Derect	Allocated	Total
	-						200
	13,957,227	1,540,815		1,540,815	12,416,412		12,416,412
	212,7007,1	121,475		121,475	7,776,082		7,776,082
	1,422,590	37,324 0		37,324	1,385,266		1,385,266
2,826,907	2,826,907	2.411.044	519,395	519,395 2.930.439	23.156.986	2,307,512	2,307,512 25,464,499
						send shafe	
	858,167	96,936		96,936	761,251		761,251
	0	0		0	001000		
0	1,542,380	184,066	•	184,066	1,358,314	0	1,358,314
	(712,937)	(22'632)		(52,937)	(660,001)		(100'099)
	76.608	2.974		2.974	73.634		.9 EZ
	10,900	00		D	10,900		600 10,900
	6,990 14,515	765		765	6,225 13,865		6,225 13.865
	20,630	1,410		1,410	19,220		19,220
	22 22	ខ្លួនរុ		888	350		350
29,910	016'62	075	2,235	2,235	8/2/2	27,676	27,67
	17,191 8,256	1,679		1,679	15,512 7,541		15,512 7,541
29,910	162'681	9,762	2,235	11,997	150,124	27,676	177,80
2,856,818	29,414,177	2,551,936	521,630	3,073,565	24,005,423	2,335,188	26,340,612
	8,420,461 200,014 6,533,180	667,181 132,916 672,918		667,181 132,916 672,918			7,753,280 67,098 5,860,262
	(3,700,028) (195,863)	(376,259) (84.660)		(376,259) (84.660)			(602,111)
0	11,257,764	1,012,096	0	1,012,096		0	10,245,66
9,723,146	10,495,102	10,569	1,018,495	1,029,064	761,387	8,704,651	9,466,037
	1,800,350	135,050		135,050	1,665,310		1,665,3
453,496	453,496 (92,690)	2,853	43,626	43,626	(95,543)	409,870	409,870
453,496	2,969,276	253,418	43,626	297,044	2,262,362	409,870	2,672,232
6,415,003	6,415,003		657,923	657,923		5,757,080	5,757,080
	233,043 233,043 (1,778,556) 2,445 788,691 94,589 (1,246,809)			148,300 148,300 0 12,127) 0 0 0 0 0 0			84,743 (1,778,556) 14,572 788,691 94,589 (1,246,809) (1,246,809)
16,591,645	29,230,548	1,276,083	1,720,044	3,132,300	13,269,417	14,871,601	26,098,248
W	183,629			(58,735)			242,364
9,72 2,85 6,41 6,41	9,910 9,910 9,910 5,003 5,003 5,003		64,010 1,542,330 1,542,330 1,542,330 1,542,530 1,545,503 1,545,503 1,545,503 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1	684,010         87,130           115,42,380         184,066           712,937)         (52,937)           75,608         2,974           65,990         755           14,515         1,4515           65,990         755           14,515         1,410           1,000         1,000           1,000         1,000           2,091         1,000           1,000         1,000           2,091         1,012,096           1,7,191         1,679           2,591         1,719           2,591         1,719           2,591         1,719           2,591         1,719           2,591         1,719           2,591         1,719           2,591         1,719           2,591         1,574           2,531         1,675           2,533         1,112           2,641         1,012,196           11,125,744         1,012,196           11,125,744         1,012,196           11,125,74         1,012,196           11,125,74         43,62           2,33,043         2,445           2,3445	664,000         77,130         194,066         0         1           1,542,360         194,066         0         1         1           76,608         2,974         2         2         1,4515         1,4515           1,650         10,900         76,608         2,974         0         1           76,608         2,974         650         2,974         0         1           1,900         76,508         2,974         0         0         0           1,0500         10,900         765         2,974         0         0         0           2,930         1,01,900         7,050         2,000         2,000         2,000         2,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,01,000         1,0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	660000 10         67100 0         67100 0         67100 0         67100 0         660001           1         1,542,360         1,84,066         1,383,314         1,333,314           1         1,542,360         1,84,066         1,333,314         1,333,314           76,608         2,974         2,974         2,974         7,634         1,333,314           76,608         2,974         2,974         2,974         7,634         1,303,00         350           1,9000         555         5,573,190         1,575         2,576         37,57         37,57           1,9900         566         320         2,235         1,193         1,9200         350           2,593         3,575         2,116         1,273         2,135         2,757         2,757           2,593         3,763         2,753         2,753         2,757         2,757           2,593         3,763         1,137         2,523         2,753         2,757           2,593         3,752         2,753         2,753         2,757         2,757           2,593         3,753         3,753         3,753         3,756         2,756           2,593         3,753         3,753<

									Sel	September 2016
		System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
NW Naturai Washington Re Monthly Summary	NW Natural Washington Results of Operations Monthly Summary									
Ra 101	Rate Base Gross Plant			2,800,275,449			293,025,435			2,507,250,014
108-1X	Accumulated Depreciation			(1,235,361,063)			(122,192,071)			(1,113,168,992)
AD3	Working Capital Allowance			9,617,965			309,675			6,308,290
117.X	Storage Gas - Cushion			14,140,708			1,330,641			12,810,067
186.XX	Leasehold Improvements			544,248			54,425			489,823
252.XX	<b>Customer Contributions</b>			(3,528,587)			(466,215)			(3,062,372)
283.XX 283.XX	Deferred Taxes - Federal Deferred Taxes - State			(333,531,891) (66,975,997)			(32,932,449)			(300,599,442) (66,975,997)
	Total Rate Base		<u> </u>	1,105,180,832			139,129,440			1,046,051,392
23	Rate Of Return on Rate Base			0.02%			-0.04%			0.02%
	<u>Allocation References:</u> A Unbilied Revenue De Foliows plant spit ouv See OCAM Defail			100.00%			18.37% 10.68%			81.63% 89.32%
υÞ				100.00%			9.62% 10.26%			90.38% 89.74%

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NW Natural Washington Results of Operations 12 Month Ended Reports Rate Of Return on Rate Base

Total Operating Revenue Total Rate Base

Summary

September 2016 n Oregon ed Total 9.33% 97,671,483 1,047,225,621 Oregon Alocated System Washington Washington Oregon Total Direct Alocated Total Direct 6,446,450 4.83% 133,419,451 1,180,645,072 104,117,933 8.82% System Allocated System Direct

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		System	System	System	to D	Washington	Washington	Oregon	Oregon	September 2016
NW Natural Washington 12 Month End	NW Natural Washington Results of Operations 12 Month Ended Reports	Dang.	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
622 480.1 481.1 481.1 481.3 481.3 481.5 481.5	Descrituton Sales of Gas Residential Commercial Industrial Firm Interruptible Interruptible Interruptible Incentive Unbilitied Revenue Total Sales of Gas	403,024,179 200,518,682 21,307,940 20,173,941 20,173,941 0 645,024,742	0 0 0 0 0 0 0 0 (170,668)	403,024,179 200,518,682 21,307,940 20,173,940 20,173,940 (170,668) 644,854,074	40,722,712 16,165,092 1,880,569 546,254 546,254 0 0	178,462	40,722,712 16,165,092 1,880,569 546,254 546,254 178,462 59,493,069	734,100,250 164,135,590 184,135,590 184,72,512 194,725,21 266,710,116 265,710,116	0 (051,097,130) (051,097,130)	362,301,467 184,353,590 19,427,371 19,627,687 19,687 (349,130) 585,360,985
489.12 489.13 489.13 489.3 489.3 489.3	Transportation Revenue Industrial Firm Interruptible Interruptible Incentive Agency Fee Jaalancing Total Transportation Revenue Rate Adjustments - Amortizations	11,190,585 8,023,161 40,703 19,254,450 (2,720,621)	=====	11,190,585 8,023,161 8,023,161 19,254,450 19,254,450	1,281,523 895,940 895,940 0 2,177,463 (1,617,463		1,281,523 895,940 0 2,177,463	9,909,062 7,127,222 0 40,703 17,076,987	00000	
487 488.0 488.1 488.1 488.1 488.3 488.5 488.5 488.5 488.5 488.5 495.2 495.2	Miscellaneous Revenues Late Payment Change Seasonal Reconnect Fee Delinquent Reconnect Fee Returned Charge Recon Change CA burning Office Hours Field Collection Charge Recon Charge CA After Office Hours Recon Charge CA After Office Hours Recon Charge Seas After Office Hours Recon Charge Seas After Office Hours Recon Charge Seas After Office Hours Recon Charge Cass After Office Hours Attract Rentals Other Cass Revente	2,005,062 275,280 279,280 279,280 279,280 279,280 368,040 368,040 1,860 34,290 1,860 1,860 1,860 206,363 206,363 206,363 206,363	380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 380,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,100 300,10000000000	2,005,062 15,800 275,200 107,210 107,210 107,210 107,210 107,210 107,210 106,130 106,130 106,130 106,130 106,130 106,130 106,130 106,130 106,130 106,130 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 106,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100 100,100000000	83,220 0 1,750 1,750 9,900 11,750 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,550 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,500 11,5000 11,5000 11,5000 11,5000 11,5000 11,5000 11,5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	83,220 83,220 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,750 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 11,770 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512 12,512	1,921,841 15,800 27,500 22,310 2,740 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,960 14,9600 14,9600 14,9600 14,9600 14,96000 14,960000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,921,841 1,55,800 27,530 27,530 24,550 14,960 14,960 14,960 14,561 14,960 14,561 14,561 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,560 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,570 14,5700 14,5700 14,5700 14,5700 14,5700 14,5700 14,5700 14,57000 14,57000000000000000000000000000000000000
	Total Operating Revenue	665,025,108	209,432	665,234,540	60,089,401	204,911	50,294,312	167,162,c 604,935,707	160,666 4.521	504.940.227
804.7 804.7 805.7 805.8 805.8 805.4	Cost of Gas WACOG Incurred WACOG Deferred Demand Incurred Demand Deferred Amoritation of Gas Costs Total Cost of Gas	187,459,858 23,303,804 81,060,672 (8,082,303) (22,627,589) 261,114,442		187,459,658 23,303,804 81,060,672 (8,082,303) (22,627,589) 261,114,442	16,954,057 3,545,410 8,354,590 (835,836) (4,769,955) 23,198,267	00000	16,954,057 3,545,410 8,354,590 (885,436) (4,769,955) 23,198,267	170,505,601 19,758,394 72,706,082 (7,186,682 (17,186,683) (17,185,634) (17,857,634)		170,505,801 19,758,394 72,706,082 (7,195,634) (17,857,634) 237,916,175
Detail 0	Operations & Maintenance	13,671,859	124,360,949	138,032,808	644,685	12,962,197	13,606,883	13,027,174	111,398,751	124,425,925
0 408.11 408.12 408.13 408.15 408.15	Other Taxes Proyecty Franchise Payrol Other Regulatory Total Other Taxes	20,696,047 17,079,415 0 445,377 1,767,110 39,987,949	5,612,100 0 5,612,100 0 5,612,100	20,696,047 17,079,415 5,612,100 445,377 1,767,110 45,600,049	1,400,495 2,442,572 0 136,161 133,752 4,062,980	552,847 552,847	1,400,495 2,442,572 552,947 86,161 133,752 4,615,827	19,295,552 14,656,043 14,656,043 359,216 1,633,358 1,633,358	5,059,253 5,059,253 0 5,059,253	19,295,552 14,636,843 5,059,843 359,256 1,633,358 1,633,358 40,984,222
403.1 D	Depreciation	o	75,505,865	75,505,865	D	212,992,717	71799,717	0	67,706,148	67,706,148
Ir 409.11 410.1 411.4 409.1 410.1 410.1 411.1	Income Taxes Federal Income Taxes - Deferred Federal Income Taxes - Deferred Federal Income Taxes Oregon Income Taxes - Deferred Oregon Income Taxes - Deferred Oregon Income Taxes - Todal Todal Income Taxes			9,004,093 40,928,116 (16,173,880) 2,329,797 9,495,047 4,219,730)			4,739,434 0 (112,266) 0 0 4,627,168			4,264,659 40,928,116 (16,061,614) 2,3295,047 9,495,047 (4,719,730) 36,236,275
	Total Operating Revenue Deductions	314,774,251	205,478,913	561,116,607	22,905,932	21,314,761	53,847,862	286,868,318	184,164,152	S07,268,745
	Net Operating Income			104,117,933			6,446,450			97,671,483

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		Evetoen	Cutter	Curbana	Machineter.	107-05 Acres	1	0.000	Sel	September 2016
		Direct	Aborzhed		Direct	Allection	Total	uobauo	Uregon	Oregon
NW Natural Washington 12 Month End	NW Natural Washington Results of Operations 12 Month Ended Reports				3		3	5		2
Ra 101	Rate Base Gross Plant			2,745,082,639			281,380,965			2,463,701,674
108.1X	Accumulated Depreciation			(1,208,828,933)			(118,898,245)			(1,089,930,689)
įbA	Working Capital Allowance			33,600,222			2,959,662			30,640,561
X711	Storage Gas - Cushion			14,156,706			1,332,146			12,824,560
186.XX	Leasehold Improvements			636,361			63,404			572,957
252.XX	<b>Customer</b> Contributions			(3,494,035)			(486,032)			(3,008,003)
XX.E82 XX.E82	Deferred Taxes - Federal Deferred Taxes - State			(333,531,891) (66,975,997)			(32,932,449) 0			(300,599,442) (66,975,997)
	Total Rate Sase			1,180,645,072			133,419,451			1,047,225,621
Ra	Rate Of Return on Rate Base			8.82%			4.83%			%££.2
2018 2018	Allocation References: A Unbilled Revenue a Dreck Revenue con Con Con			100.00%			-104.57% 6.96%			204.57% 93.04%
δu n				100.00%			9.85% 10.33%			90.15% 69.67%

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NW Natural				
Washington Quarterly Results of Operation Operations and Maintenance Expense: Allc For the period ended September 30, 2016	Washington Quarterly Results of Operations Report Operations and Maintenance Expense: Allocation of System Amounts For the period ended September 30, 2016	Month		
		System	Washington	Oregon
Natural Gas Storage	d Character Burnants			
Operation	onverground storage expense Operation			
816		\$42,560	\$4,005	\$38,555
818 810	Compressor Station Expense	<b>9</b>	<del>ç</del> ;	<u>8</u>
820	Measuring and Regulator Station Expense	\$732,169	(11 IC)	705 (11C)
821	Purification Expense	0\$	\$0	0\$
Maintenance	301			
832	Wells Expense Total Underground Storage Expense	\$15,117 289,845	\$1,422 27,200	\$13,694 262,645
Other Storage Expense	ge Expense			
Operation				
840	Supervision and Engineering total Other Storage Expense	\$10,689 10,689	\$1,026 1,026	\$9,663
Liquified Na Operation	Liquified Natural Gas Expense One-ration			
RAA	Sunervision and Envineering	€1BD 335	¢16 060	27C C315
845	order traditional and traditional and the second an	0\$	0\$	0\$ c/7'cort
Maintenance	tce			
847	Supervision and Engineering Total Liquified Natural Gas Expense	\$266,123 446,358	<u>\$25,042</u> 42,002	\$241,081 404,355
	Total Natural Gas Storage	746,892	70,229	676,664
Transmission Expense				
Operation				
856	Mains Expense	\$141,204	(\$22,498)	\$163,702
Maintenance	ICE			
863	Maintenance of Mains Total Transmission Expense	\$8,980 150,183	\$759 (21,739)	\$8,221
Distribution Evnense				
Operation				
870 674	Supervision and Engineering Mains and Services Exmanse	\$221,253 ¢074 040	\$19,515 ¢06 305	\$201,738 ¢878 ¢45
875	Measuring and Regulator Station Expense - General	\$7,814	\$741	\$7,074
877	Measuring and Regulator Station Expense - City Gate	\$33,422	\$2,843	\$30,579
879 879	Meter and House Regulator Expense Customer Installation Exnense	\$592,353 \$848.763	\$63,095 489 064	\$529,258 €750 100
880	Other Expense	\$197,643	\$23,046	\$174,597
881	Rents	\$28,417	\$3,503	\$24,914

\$322,340 \$229,569 \$82,684 \$9,159 \$44,671 \$1,636 \$1,636 \$1,636 \$1,636 \$1,636	\$112,280 \$70,125 \$1,267,666 26,943 1,477,014	\$164 \$15,871 \$1,79,996 \$1,996 \$344,461	\$12,116 202,616 30,352 - - 245,084	3,161,838 (1,323,763) 227,180 49,021 261,106 73,472 335,640	269,387 3,053,882 \$9,466,037.39 90.19%
\$23,698 \$19,316 \$795 \$775 \$872 \$872 \$872 \$1030 \$123 \$71,554	\$13,468 \$8,411 \$151,483 3,438 176,800	\$20 14,844 21,590 4,677 41,131	\$1,453 25,543 3,641 - 30,637	379,067 (150,830) 25,242 5,496 27,489 - 8,164 8,164	28,958 360,454 \$1,029,064.26 9.81%
\$346,038 \$248,885 \$90,202 \$9,954 \$45,542 \$17,59 \$17,759 \$17,759 \$1,759	\$125,747 \$78,537 \$1,419,149 30,381 1,653,814	\$184 140,715 201,586 43,116 385,592	\$13,569 228,159 33,993 	3,540,905 (1,474,593) 252,423 54,517 288,595 81,635 81,635	298,344 3,414,336 10,495,101.65
Maintenance 885 Supervision and Engineering 887 Mains 889 Measuring and Regulator Station Expense - General 891 Measuring and Regulator Station Expense - City Gate 892 Services 893 Meters and House Regulators 894 Other Equipment Total Distribution Expense	Customer Accounts Expense Operation 901 Supervision 902 Meter Reading Expenses 903 Customer Records and Collection Expense 904 Uncollectible Accounts 7041 Customer Accounts Expense	Customer Service and Informational Operation 907 Supervision 908 Customer Assistance Expense 909 Customer Information Expense 910 Miscellaneous Customer Service Expense Total Customer Service and Informational	Sales Expense Operation 9.1 Supervision 9.12 Demonstration and Selling Expense 9.13 Advertising 9.16 Miscellaneous Sales Expense Total Sales Expense	Administrative and General Expense Operation 921 Office Supplies and Expense 922 Administrative Expenses Transferred - Credit 924 Property Insurance Premium 925 Injuries and Damages 926 Employee Pensions and Benefits 928 Regulatory Commission Expense 930 Miscelianeous General Expense 931 Rents	Maintenance 935 Maintenance of General Plant Total Administrative and General Expense Total Operations and Maintenance Expense

NW Natural Rates & Regulatory Affairs Operations and Maintenance Expense State Allocation of System Amounts For the period ended September 30, 2016

For the period ended September 30, 2016		Contrast.								
	Direct	Allocated	Total	Direct	Wasnington	Totat	Direct	Oregon	Total	
EPD <sup>C</sup> Decortation	5	ł					100107		10001	
					8		ß	Şe	1	Allocation Method
216 Welle Euronee Total					4,004.85			38,554.65		firm volumes Total
	 	e nersee'se o	DC SCC 74	~ · ·	4,004.63	4,004.85	•	38,554.65	5 38,554.65	
818 Compressor Station Expense Total										Firm Volumes 1003
		S 0.01 S	0.01		0.00	900		. 100	, 00	Etems Malimana Tabul
819 Compressor Station Fuel Total	-					-		0.01		
	•	, , ,		\$ 1	•		,			3-factor Total
	16.E97 \$	s . s	793.31	s , s	,	•	1E.E27 2	•	16.697 S	Direct-OR Total
			231,375.80	\$	21,772.46 \$	21,772.46		209,603.34 \$	209,603.34	Firm Volumes Total
820 Measuring and Regulator Station Expense Total	\$ 793.31	\$ 231,375.80 \$	232,169.11	5	21,772.46 \$	21,772.46	\$ 793.31	209,603.34 5	\$ 210,396.65	
	•	5 - -	•	- 2	~	,	- 5	•		Firm Volumes Total
821 Purification Expense Total		- 1	•	S	S.	•	•			
	•	\$ 15,116.58 \$	15,116.58	\$	1,422.47 5	1,422.47	,	13,694.11 \$	13,694.11	Firm Volumes Total
	•	5 15,116.58 \$	15,116.58	\$ - S	1,422.47 \$	1,422.47	•	13,694.11 5	13,694.11	
		5 1,586.52 5	1,586.52	•	169.92 \$	169.92		1,416.60 \$	1,416.60	Customers-All Total
840 Supervision and Envineeties Total		C T/707'S	3,104.11		2 /2/9/2 v	10,202		B.246.14 S	8,246.14	Firm Volumes Total
		5 180 234 90 5	180,234,90		16 960 10 5	16 960 10		2 08 72 EVI	C/700%	Elem Velomas Tatal
844 Supervision and Engineering Total	1	5 180,234,90 \$	180,234.90		16.960.10 \$	16.960.10		1	163 274 80	
			•	•	•	•			****	3-factor Total
	•	\$ 266,122.83 \$	266,122.83	s     _ s	25,042.16 \$	25,042.16		241,080.67 \$	241,080.67	Firm Volumes Total
847 Supervision and Engineering Total	\$	\$ 266,122.B3 \$	266,122.83	5	25,042.16 \$	25,042.16	•	241,080.67 5	241,080.67	
	•	80,604.12 \$	80,604.12	-	8,060.41 \$	8,060.41		72,543.71 \$	72,543.71	3-factor Total
		•	1 0	·	5 1 1	•	1	•		Customers-All Total
	5 90,719.62 3		90,719.62		, ,	-	\$ 90,719.62	,	90,719.62	Direct-OR Total
	-			< inninnainei a		(uu.uua,ue)	, ,		_	Direct-WA Total
	· ·		non -		\$ .	10.14		4 AJ61.954	438.19	Sales/Sendout Volumes Total cendorit volumes Total
856 Mains Expense Total	\$ 60,119.62	81,084,12 \$	141,203.74	\$ (30,600.00) \$	8,102.22 \$	(22,497.78)	\$ 90,719.62	72,981.90 5	163.701.52	
	•	\$ 2,154.34 \$	2,154.34	\$	215.43 \$	215.43		1,938.91 \$		3-factor Total
	•	••	,	\$	•	1	•	۰ •		Direct-OR Total
		6,825.35 \$	6,825.35	s -	S43.30 \$	543.30	\$ •	6,282.05 \$	6,282.05	Sendout Volumes Total
863 Maintenance of Mains Total		8,979.69 \$	8,979.69	-	758.73 \$	758.73	•	8,220.96 \$	8,220.96	
		131,088.86 S	131,088.86		12,335.46 5	12,335.46		118,753.40 \$	_	Firm Volumes Total
		5 85 POR 52	75 608 68	• •	23.03 5	7 166 01		2 82°142 -	241.38	Sales/Sendout Volumes Total
870 Supervision and Engineering Total		221.252.91 \$	221.252.91		19.514.50 \$	19.514.50		201 748 41 5		Sensoria Volumes Local
	•	332,347.31 \$	332,347.31	-	33,234.73 \$	33,234.73		299,112,58 5		3-factor Total
		384,075.11 \$	384,075.11	\$ ,	41,134.44 \$	41,134.44		342,940.67 \$		Customers-All Total
	r I	•	202,795.03	-	•	1	\$ E0.297,202 \$	· ·		Direct-DR Total
	5 19,111.97	<b>v</b>	10,111,01	\$ 19,111,97 \$	•	19,111,97	•	• <b>5</b>	_	Direct-WA Total
		36,610.85 5	36,610.85	•	2,914.22 \$	2,914.22	-	33,696.63 \$		sendout volumes Total
art mains and behaces tupense lotal	221,907.00	753,033.27 5	974,940.27	5 19,111.97 5	77,283.40 \$	96,395.37	202,795.03 5	675,749.87 \$		
	• •	< 10'/b7 0	10.142		24./2	24.75		222.76 5		3-factor Total
	• • •		4.040.59		\$ 21.254	435.17	• •	< 24-247/C	64.543,E	Sendout Volumes Lotal
875 Measuring and Regulator Station Expense - General Total	.		7,814.27	0	740.61 \$	740.61		7.073.66 \$	7 073 66	
-	•	4,688.83 \$	4,688.83	•	468.83 \$	468.89		4,219.95 \$	_	3-factor Total
	•	3,169.86 \$	3,169.86	s ,	339.49 \$	339.45	•	2,830.37 \$		Customers-All Total
	•	, ,			\$	,	•	•		Direct-OR Total
177 Masseries and Results and Section Frances (201 Annual 201 )		2 25264.42	22,263.53	•	2,034.86 S	2,034.86		23,528.67 5	-	Sendout Volumes Total
-1-		33,422.22	53,422.22		2,843.23 5	2,843,2	,	30,578.99 5	30,578.99	
		580,961.75 5	580,961.75		62.221.00 5	62.221.00	 	518.740.75 S	518.740.75	3-tactor Total Customers-All Tintal
	•	\$ 16.859,01	10,658.91		815.41 \$	815.41	1	9,843.50 \$	9,843.50	9,843.50 Customers-Ind Total

	<u>د</u>	s , ,		,	v ,					l
	•	s - s	,		· · ·	•			•	Direct-OR Total
	• •	S - 5 2 - 5 2 - 5					•		•	
878 Meter and House Regulator Expense Total	, , , ,	5 592.352.84 S	592.352.84		5 63 094 69 5	53 044 64		5 6/3.90 S	673.90	Sendaut Volumes Total
	. 5	5 8,892.21 5	8,892,21		S 889.27 S	889.27			000000 00 00	2 4-4-5 Total
		\$ 820,559.85 \$	820,559.85	,	\$ 87,881.96 \$	87,881.96		5 732,677.89	732,677,89	Customers-All Total
	5 18,518.51 6 797 80		18,518.51	, , ,	· ·		5 18,518,51	,	18,518.51	Direct-OR Total
					• •	-	 		• •	direct-wa Total Emolosee Cost Total
879 Customer Installation Expense Total	5 18,811.31		848,263.37	292.80	\$ 83,771.18 \$	89,063.98	5 18,518.51 S	5 740,680.88 5	759,199.39	
		5 13,519,21 5 5 75,1709 5	133,519.21		5 13,351.92 5 6 804 64 6	13,351.92		120,167.29	120,167.29	
	\$ 22,738.92		22,738.92		• • • • •		9 22.738.92	cc/0/,0	02,707,55 22,738,92	Customers-All Total Direct-OR Total
			6,728.77	6,728.77		6,728.77			*****	direct-wa Total
een Ashaa Earaana Taada		ľ	27,144.34		2,160.69 \$	2,160.69		\$ 24,983.65	24,983.65	Sendout Volumes Total
	29,457.69	S 168,175.64 S	197,643.33   5	6,728.77	5 16,317.16 \$	23,045.93	\$ 22,738.92	5 151,858.48 S	174,597.40	
	, , л. ил	\$ 24,147.14 5 \$ 4,269.85 \$	24,147.14 5 4,269.85 5	_	5 2,414.71 5 5 1.087.96 5	2,414.71	 	21,732.43 5	21,732.43	3-factor Total Contemant-The Dollar Total
881 Rents Total	•	\$ 28,416.99 \$	28,416.99 \$		3,502.67 5	3,502.67		24,914.32	24.914.32	
	1	\$ 209,777,59 \$	209,777,59		\$ 20,977.76 \$	20,977.76	•	2 188,799.83 5	188,799.83	3-factor Total
		5 1,227.05 \$	1,227.05		5 131.42 \$	131.42		1,095.63 5	1,095.63	Customers-All Total
		 	c 90.001,621	1.781.06	· ·	1 781 06	5 123,105.06 5 6		123,105.06	Direct-OR Total
				-	• •	-		• •	• •	Direct-WA Lotal Employee Cost Total
		· · · ·			, ,	•		•	•	sales volumes Total
885 Suttention and Engineering Total	- 134 BGE 12	< 52.141.01 C	C 55.751/01	. 101 05	807.74 5	807.74		9,339.79 5	9,339.79	Sendout Volumes Total
	1	5 1.659.45 S	1 659.45	00.10/11	5 36 57 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	165.05	5 123,100.00 5	2235235.25	16.045,240.91	3 for share Worked
		\$ 100,829.25 \$	100,829.25		11,837.35 \$	11,837.35	• •	5 06'166'88 .	88.991.90	Customers Port/Van 80% Total
		5 132.31 \$	132.31 \$	1	14.17 \$	14.17		118.14 5	118.14	Customers-All Total
		•	138,965.53		1	•	\$ 138,965.53 \$	,	138,965.53	Direct-OR Total
	5 7,298.70	( ) ( )	7,298.70	7,298.70		7,298.70		•		Direct-WA Total
887 Mains Total	\$ 146,264.23	5 102,621.01 5	248,885.24 5	7,298.70	12,017.47 \$	19,316.17	5 138,965.53 5	90,603.54 \$	229,569.07	
	•	5 1,667.81 \$	1,667.81 \$	1	166.78 \$	166.78	-	1,501.03 \$	1,501.03	3-factor Total
	5	•••• • •		•	•n •	4		,	•	Customers-All Total
		•••	S		, , , ,	• •	5 1,664.45 5	, ,	1,664.45	Direct-OR Total
		\$ 21.926,17 \$	71,329.15	, vs	5,677,80 \$	5,677.80	· ·	65,651.35 5	65,651.35	Sendout Volumes Total
- T.	•		15,540.45 \$		1,673.71 \$	1,673.71	S .	13,866.74 \$	13,866.74	Telemetering Total
000 measuring and Kegulator Station Expense - General ( 0tal   )	1,664.45	5 88,537.41 S	90,201.86 5		7,518.29 5	7,518.29	5 1,664.45 5	81,019.12 \$	82,683.57	
	,	5 42.05 5	42 D5	1 4	487 4	7.24 2 2 2		65.20 5	65.20	3-factor Total
	•					,				Direct-OR Total
Ţ	•	5 9,836.33 \$	9,836.33 5	•	782.97 \$	782.97	•	9,053.36 \$	9,053.36	Sendout Volumes Total
831 Measuring and Regulator Station Expense - City Gate Total		9,953.82 5	9,953.82 5	-	795.04 \$	795.04		9,158.78 \$		
	, , , ,	\$ <7.160 <sup>1</sup> 1 \$	2 12011		109.13 \$	E1.201		982.13 5	982.13	3-factor Total
	5 34,868.33 5		34,868.33 \$	1	•		34,868.33 \$	• •	34,868.33	Direct-OR Total
			-	,	•	•	· ·	\$		Direct-WA Total
100 Constant Takel			9,582.86 5		762.80 \$	762.80	•	8,820.06 \$	8,820.06	Sendout Volumes Total
	2 25/36/33 S	10,674,11 5	45,542.44 5		871.92 \$	871.92	34,868.33 5	9,802.19 5	44,670.52	
	~ ~  	110,797.16 \$	110,797.16 5		11.866.38 5	11.866.38	· · ·	98.930.78	- 98 930 78	3-factor Total Cietomeer All Total
	\$ •	2,172.44 \$	2,172.44 \$	,	206.16 \$	206.16		1.966.28 5	_	Customers-Comm Total
	۰ د	2,033.10 \$	2,033.10 \$	s 1	155.53 \$	155.53	•	1,877.57 \$		Customers-Ind Total
		27,719.59 \$	27,719.59 \$	•	3,007.58 \$	3,007.58	•	24,712.01 \$	24,712.01	Customers-Res Total
	5 6,557.85 5 ¢ - ¢	77 796 84	6,557.85 5		c 709 62 6	- 101 5	6,557.85 5			Direct-OR Total
393 Meters and House Regulators Total	5 6.557.85 5	215,519,13 5	222.076.98 5		21.030.28 5	21 030 28	6 557 85 A	0/,002.21 5	17700/00	Sendout Volumes Total
		1,228,88 \$	1.228.88 5		122.89 \$	122.89 5		1 105 99 5		2 factor Total
		10	530.35 \$				530.35 \$	\$ · ·		Direct-OR Total
894 Other Equipment Total	\$ \$30.35 \$	1,228.88 \$	1,759.23 \$	\$	122.89 \$	122.89	530.35 \$	1,105.99 \$		

3-factor Total Customers-All Total		3-factor Total Customers-All Total	Direct-OR Total		3-factor Total	customers-all Total		COSCOMETS-RUES LODAI		Customers-All Total	Customers-Comm Total	Customers-Ind Total	Customers-Res Total	Direct-OR Total			3-factor Total	Customers-All Total	Customers-Ind Total	Customens-Res Total	direct-or Total	Direct-WA Total	Contraction (1) Takel		Customers-All Total	Customers-Res Total		Customers-Ali Total		3-factor Total		Direct-OR Total		Customers-All Total		3-factor Total	Customers-All Total		Direct-OR Total	Employee Cost Total	Firm Volumes Total	Regulatory Total	sales volumes Total	Sales/Sendout Volumes Total	Sendout Volumes Total	Admin Tran Total	Employee Cost Total		r Total		r Total	direct-or Total	Direct-OR Total
	112,279.54	- 3-fact 70,125.24 Custo	_	70,125.24					1,267,666.36	-		-	1,592.82 Custor	-	20,343,U2		-	54,071.01 Custor	69,493.76 Custor		(634.82) direct	136 971 07   Direct	_		-				12,115.88	- 3-facto 209 / 23 / 5 (000000	_	-		30,352.20 Custor			61,352.34 Custon	_		-		99,302.48 Regula	- sales v		381.2b Sendoi 3 161 838 20				227,180.48 3-factor Total			44 0.22) direct-	_
112,279.54 \$	5 95'6/2'211	70,125.24 \$	. 5	70,125.24 \$	11,255.39 \$	5 57770/E98	\$ 17760%7	\$	1,267,666.36 \$	29.099.61 5	2,921.02 5	(6,670.36) \$	1,592.82 \$		C 20,242,02	5 154.21		54,071.01 \$	\$ 92.669,493	2,941.12 \$	• •	176 60 6 6	2 00 300 11	179,996.39 \$	-	38,429.20 \$	38,429.20 \$	12,115.88 \$	12,115.88 5	- 5 208.432.45 ¢	A 455.07	1 10 1	212,890.27 \$	30,352.20 \$	5	\$ 1	61,302.34 \$	10 601 06 6	5	(772,451.65) \$	897.38 \$	99,302.48 \$	\$ }		5 01.105 F30 F	5	(410.187.45) \$	S	ŝ	227,180.48 \$	49,467.21 \$	49 A67 21 5	0 Y7'J04/25
••••••••••••••••••••••••••••••••••••••		•••	-	<b>·</b>	•			- vi	\$	\$	. s	\$ ,	•	· ·				1	•	•	(634.82) \$	2 (CS V29)	5 TAD: POL		· ·	•	۰ ۱	, ,				(10,274.70) \$	(10,274.70) \$	• •	5	•	• •	• •	77,937.19 \$	•	•	1	'	, ,	\$ 61 766 77	5		- \$(	•	v,		(446.22) S	754.00 \$
13,467.51 5 13,467.51 5 13,467.51 5	C 10'/06'ST	8,411.26 \$	-	B,411.26 \$	1,250.60 5	C MOVINGCIENT	2 18-21-22		151,482.91 \$	3,490.39 \$	306.27 5	(552.55) 5	\$ \$8'E6T	2 427 06				6,485.61	5,756.66 \$	357.95 \$	2 S	2 10 EA3 D1			•	4,677.02 \$	4,677.02 \$	1,453.25 5	1,453.C	25 000 81 5	\$ 24.24.2		25,543.23 \$	3,640.63 5	3,640.63 5	4//3/21112/5/14	\$ 82739	1.301.27		\$ (16.732,18)	93.21 \$	42,558.21 5	•		379.066.89 5	(107,521.47) \$	(43,303.90) \$	(150,830.37) \$	25,242.28 \$	25,242.28 \$	5,496.36	5.496.36	5
13,467.51 5 13,467.51 5	C TC'/DH'CT	8,411.26 \$	\$	8,411.26 \$	1,250.60 \$	C 102/201	44 172 41 5		151,482.91 \$	3,490.39 \$	306.27 \$	(552.55) \$	193.85 \$	3 497 04	2 20 01		,	6,485.61 \$	5,756.66 \$	357.95 \$		17 600 22 4	21.589.89 \$	1 1	s	4,677.02 \$	4,677.02 \$	1,453.25 \$	7,423.42	25.000.81	542.42 \$		25,543.23 \$	3,640.63 \$	3,640.63 5	2 20112/SUF	5 87.78 5	1.301.27		(81,557.91) \$	93.21 \$	42,558.21 \$	•		379.066.89 5	(107,521.47) 5	(43,308.90) \$	{150,830.37} \$	25,242.28 \$	25,242.28 \$	5,496.36 \$	5.496.36 \$	\$ .
 			•	•						•	•	•	•				-	•	-	•••	2 . 5 2 . 5	2 243.69		-	4		1					, s	· ·	-	-			4	- 0	• •	\$	•	•			5	• •	ۍ ۱	- \$	-		יא <del>י</del>	•
5 125,747.05		\$ 78,536.50		5 78,536,50	2 12,505.99	PUSCECE S	S 407.118.95		\$ 1,419,149.27	\$ 32,590.00 \$	\$ 3,227.29 \$	(1,222.01)	5 1,786.67	30 381 05 0	184.19	184.19 5	•	5 60,556.62 S	75,250.42	3 299.07	5 {634.82} S	2 140.714.98	201.586.28	201,586.28 \$	-	43,106.22 \$	43,106.22	13,569.13 5	C 11/200/CT	233.434.26	4,999.24 5	(10,274.70) \$	228,158.80 5	33,992.83 5	5 53,992,83 5	C COUTTOCN'+	879.46 5	21.993.23	\$ 61.762,77	\$ (854,009.56) \$	\$ 65.066	141,850.69 \$	,		3.540.905.18 5	(1,021,096.57) 5	(453,496.35) \$	(1.474,592.92) \$	252,422.75   \$	252,422.75 \$	54,963.57 5 (4 × 5 − 2 × 6	54.517.35 5	754.00 \$
\$ \$ 125,747.05 \$ 175,747.05		\$ 78,536.50	•	5 78,536.50	5 12,505.99	32.325.04	5 407.118.95		\$ 1,419,149.27	\$ 32,590.00	5 3,227.29	(1,222.91)	5 1,786.67	30 381 05	184.19	5 184.19		5 60,556.62 <u>(</u>	5 75,250.42	3,299.07	• •	139,106,11	201.586.28	\$ 201.586.28 5	5			S EI.692,EI 2		233,434,26 5	4,999.24 5	-	238,433.50 5	33,992.83 5	C 53,292,65 0	C CONTTINENT	879.46 5	2 11.993.23		(854,009.56) S	990.59 \$	141,860.69 \$		<	3,462,967.99 \$	(1,021,096,57) \$	(453,496.35) \$	(1,474,592.92) \$	252,422.75 \$	252,422.75 \$	\$ <u>72.663.57</u> \$	54,963.57 \$	\$
•••		• •	•		 		•	•	•	•							•		•		(128.Med) 4				Þ	•	4	•		· ·	•	\$ (10,274.70) \$	\$ (10,274.70) \$					,	5 61.759.77 5	•	•	•	•	· ·	2 01.037.19		5	•		•	5 · 5 6 //// 6		
901 Supervision Total				Juk Meter Reading Expenses Total					903 Customer Records and Collection Expense Total					904 Uncollectible Accounts Total		907 Supervision Total						908 Customer Assistance Expense Total		909 Customer Information Expense Total		T	210 MISCENSUEDUS CUSCOMEL SERVICE EXPENSE FOLSI	911 Supervision Total					912 Demonstration and Selling Expense Total	Q13 Advanteine Total											921 Office Supplies and Expense Total			922 Administrative Expenses Transferred - Gredit Total		924 Property Insurance Premium Total		925 Injuries and Damages Total	

	Ņ	207:521	17-140/107 0	2	¢ /7"CKC'DQ7	~	•	> 2/,488.84	^	27,488.84 >	/54.00	S 260,352.43	'n	261,106.43	
	s	•	\$ 81,635.33	3 5	81,635.33	S		\$ 8,163.53	~	8,163.53 \$		\$ 73,471.BO	S	3,471,80 3	73,471.80 3-factor Total
930 Miscellaneous General Expense Total	5	•	\$ 81,635.33	S E	81,635.33	s	,	S 8,163.53	s	8,163.53 \$		5 73.471.80	5	73.471.80	
	\$		\$ 366,189.35	ŝ	366,189.35	\$		\$ 36,618.94	S 36,	36,618.94 \$		\$ 329,570.42	S	9.570.42 [3	329.570.42 [3-factor Total
	s	,	\$ 2,330.00	0 \$	2,330.00	ŝ	4	\$ 249.54	ŝ	249.54 \$	,	\$ 2.080.46	Ś	2.080.46 C	2.080.46 Customers-All Total
	s	3,989.18	•	s	3,989.18	Ş	+	-	\$	-	3,989.18	s	ŝ	0,989.18	3,989.18 Direct-OR Total
931 Rents Total	s	3,989.18	5 368,519.35	s	372,508,53	s	•	5 36,868.48	S 36,	36,868,48 \$	3,989.18	\$ 331,650.87	2 33	335,640.05	
	s	,	\$ 193,220.06	5 9	193,220.06	s	•	\$ 19,322.01	\$ 19,	19,322.01 5		\$ 173,898.05	S	3,898.05 3	173.898.05 3-factor Total
	s	•	\$ 1,924.35	5 5	1,924.35	ş	•	\$ 282.30	\$	282.30 \$	4	\$ 1,642.05	5	L642.05 C	1,642.05 Customers port/van Total
	s	•	5 43,184.37	7 \$	43,184.37	\$		\$ 4,625.05	\$	,625.05 \$	•	\$ 38,559.32	n v	3,559.32 C	38,559.32 Customers-All Total
	\$	•	21.E10,1 2	\$ \$	1,913.15	\$		\$ 487.47	~	487.47 \$		\$ 1,425.68	Ś	L425.68 C	1.425.68 Customers The Dalles Total
	ŝ	48,805.19 5	•	ş	48,805.19	ş		•	ŝ	• •	48,805,19	•	2	48.805.19 D	Direct-OR Total
	ŝ	3,712.17 §	•	s	3,712.17	\$ 3,7	3,712.17	•	ъ З	3,712.17 \$	•	•	s	,	Direct-WA Total
	Ś	,	•	Ś	,	s		•	\$	• •		۔ د	Ś	ці ,	Employee Cost Total
	s	•	5 356.42	2 2	356.42	\$		\$ 33.54	s	33.54 \$	,	\$ 322.88	5 8	322.88 FI	322.88 Firm Volumes Total
	~	,	\$ 5,228.50	s	5,228.50	Ş	•	\$ 495.14	Ş	495.14 5	•	\$ 4,733.36	s	1,733.36	4,733.36 sales volumes Total
935 Maintenance of General Plant Total	s	52,517.36 \$	\$ 245,826.85	s	298,344.21	5 3.7	3.712.17	\$ 25,245.50	\$	28,957.67 \$	48,805.19	\$ 220,581.35	۰ ۱	269,386.54	

## **Rate Base and Allocation Factors**

NW Natural Quarterly Results of Operations Report to the WUTC 3rd Quarter 2016

Allocation Factors - Summary	WA	OR
Customers-all	10.71%	89.29%
Customers-Res	10.85%	89.15%
Customers-Comm	9.49%	90.51%
Customers-Ind	7.65%	92.35%
Customers-The Dalles	25.48%	74.52%
3-factor	10.00%	90.00%
firm volumes	9.41%	90.59%
sales volumes	9.47%	90.53%
sendout volumes	7.96%	92.04%
sales/sendout volumes	8.71%	91.29%
Customers Port/Van	14.67%	85.33%
Customers Port/Van 80%	11.74%	88.26%
Customers Portland/Vancouver Commercial	14.04%	85.96%
Payroll	9.62%	90.38%
Admin Tran	10.53%	89.47%
Employee Cost	9.55%	90.45%
Regulatory	30.00%	70.00%
Telemetering	10.77%	89.23%
Direct-Wa	100.00%	0.00%
Direct-Or	0.00%	100.00%
Gross plant direct assign	10.68%	89.32%
		100.00%
Depreciation	10.26%	89.74%
Rate Base	9.60%	90.40%

#### NW Natural State Allocation Factors Updated for year ended 2015 data

Updated for year ended 2015 data	System	Washington	Oregon
Customers	oystem	Washington	Viegon
Total Customers			
December 2015	714,428	77,026	637,402
December 2014	704,644	75,010	629,634
Average	709,536	76,018	633,518
% of System	-	10.71%	89.29%
Residential Customers			
December 2015	646,841	70,592	576,249
December 2014	637,411	68,691	568,720
Average	642,126	69,642	572,485
% of System		10.85%	89.15%
Commercial Customers			
December 2015	66,421	6,342	60,079
December 2014	<u>66,207</u>	6,243	59,964
Average	66,314	6,293	60,022
% of System		9.49%	90.51%
Industrial Customers			
December 2015	1,166	92	1,074
December 2014	1,026	76	950
Average	1,096	84	1,012
% of System		7.66%	92.34%
The Dalles			
December 2015	7,815	1,992	5,823
December 2014	7,724	1,967	5,757
Average % of System	7,770	1,980 25,48%	5,790 74.52%
		23.1070	7 1.52 70
Portland / Vancouver			
December 2015	508,149	75,034	433,115
December 2014	500,899	73,043	427,856
Average % of System	504,524	74,039 14.67%	430,486 85.33%
Portland / Vancouver Commercial December 2015	10.050	6 4 7 9	
	43,356	6,128	37,228
December 2014 Average	43,201	6,022	37,179
% of System	43,279	6,075	37,204 85.96%
70 of System		14.04%	65.90%
Volumes - 12 Months Ended 12/31/15			
Firm Delivered % of System	739,321,222	69,600,944 9,41%	669,720,278 90.59%
		5.4170	50.3570
Sales Volumes	652,564,762	61,803,096	590,761,666
% of System		9.47%	90.53%
Sendout Volumes	1,028,612,731	81,833,007	946,779,724
% of System	1,020,012,751	7.96%	92.04%
3-factor formula (simple average)			
Gross Plant Directly Assigned		10.68%	89.32%
Number of Employees Directly Assign	ned	8.60%	91.40%
Number of Customers		10.71%	89.29%
Averag			
Average		10.00%	90.00%

## Derivation of factor for 3-factor - Gross Plant Directly Assigned

December 31, 2015	System	Washington	Oregon
Intangible - Other	84,795	447	84,348
Production	675,198	0	675,198
Transmission	157,894,271	1,015,489	156,878,782
Distribution	2,005,888,596	231,807,252	1,774,081,344
December 31, 2014	System	Washington	Oregon
Intangible	84,795	447	84,348
Production	675,198	0	675,198
Transmission	152,929,441	1,000,754	151,928,687
Distribution	1,937,150,374	220,548,835	1,716,601,539
Average	System	Washington	Oregon
Intangible - Other	84,795	447	84,348
Production	675,198	0	675,198
Transmission	155.411.856	1,008,121	154,403,735
Distribution	1,971,519,485	226,178,044	1,745,341,441
Gross Plant Directly Assigned % of System	2,127,691,334	227,186,612 10.68%	1,900,504,723 89.32%

Allocation Factors - Summary	Washington	Oregon
Customers all		
Customers-all	10.710%	89.290%
Customers-Residential	10.850%	89.150%
Customers-Commercial	9.490%	90.510%
Customers-Industrial	7.660%	92.340%
Customers-The Dalles	25.480%	74.520%
3-factor	10.000%	90.000%
firm volumes	9.410%	90.590%
sales volumes	9.470%	90.530%
sendout volumes	7.960%	92.040%
sales/sendout volumes	8.710%	91.290%
Customers Portland/Vancouver	14.670%	85.330%
Customers Portland/Vancouver 80%	11.736%	88.264%
Customers Portland/Vancouver Con	14.040%	85.960%
Payroll	9.620%	90.380%
Admin Transfer	10.530%	89.470%
Employee Cost	9.550%	90.450%
Regulatory	30.000%	70.000%
Telemetering	10.770%	89.230%
Direct-Wa	100.000%	0.000%
Direct-Or	0.000%	100.000%
Gross plant direct assign	10.680%	89.320%
Depreciation	10.260%	89.744%
Rate Base	9.590%	90.410%

### NW Natural

Washington Annual Commission Basis Report Test Year Based on Twelve Months Ended December 31, 2015 Rate Base

		2014 Dec	2015 December	Dec 14 - Dec 15 12 month average	
SYSTEM				÷	
Canad Diaut		System	System	System	Allocation Method
<u>Gross Plant</u>					
Intangible	Software	90,513,399	94,125,471	92,074,353	Total Customers
	Other	84,795	84,795	84,795	Direct
Production		675,198	675,198	675,198	Direct
Transmission		152,929,441	157,894,271	153,872, <del>9</del> 95	
Distribution		1,937,177,870	2,003,154,364	1,963,012,125	
General		179,822,192	184,627,304	182,131,346	3-Factor & Direct
Storage and storage transmission		281,843,368	286,061,584	284,270,428	Firm Delivered Volumes
CNG and LNG		3,790,768	3,790,768	3,790,768	3-Factor
Encana		186,987,49 <mark>6</mark>	187,547,253	187,424,923	Direct
Total Gross Plant		2,833,824,527	2,917,961,008	2,867,336,931	
Accumulated Depreciation					
Intangible		(56,323,141)	(57,757,395)	(57,424,468)	Total Customers
Production		(691,036)	(691,036)	(691,036)	Direct
Transmission		(22,118,583)	(26,731,852)	(24,416,635)	Direct
Distribution		(886,819,825)	(921,193,829)	(904,452,325)	Direct
General		(62,612,842)	(60,630,509)	(65,271,403)	3-Factor
Storage and storage transmission		(116,028,992)	(124,216,203)	(120,266,279)	Firm Delivered Volumes
CNG and LNG		(2,036,539)	(2,068,270)	(2,052,404)	3-Factor
Encana		(37,910,394)	(55,901,631)	(47,436,012)	Direct
Total Accumulated Depreciation		(1,184,541,353)	(1,249,190,724)	(1,222,010,561)	
Storage Gas		14,018,464	14,148,391	14,103,875	Firm Delivered Volumes
Customer Advances		(3,165,309)	(3,346,865)	(3,348,273)	
Leasehold Improvements		1,107,853	697,165	918,194	Direct & 3-Factor
Total Rate Base Excluding ADIT and N	NC	1,661,244,182	1,680,268,975	1,657,000,166	

### NW Natural

Washington Annual Commission Basis Report Test Year Based on Twelve Months Ended December 31, 2015 Rate Base

		2014	2015	Dec 14 - Dec 15	
OREGON		2014	2015	Dec 14 - Dec 15	
	· · · · · · · · · · · · · · · · · · ·	Dec	December	12 month average	
Gross Plant		OREGON	OREGON	OREGON	
Intangible	Software	80,819,414	84,044,633	82,213,190	Total Customers
	Other	84,348	84,348	84,348	
Production		675,198	675,198	675,198	
Transmission		151,928,687	156,878,782	152,861,592	
Distribution		1,716,601,539	1,774,081,344	1,740,667,944	
General		166,148,435	170,775,618		3-Factor & Direct
Storage and storage transmission		258,427,207	262,248,489	260,625,881	Firm Delivered Volumes
CNG and LNG		3,413,966	3,413,966	3,413,966	3-Factor
Encana		186,987,496	187,547,253	187,424,923	Direct
Total Gross Plant		2,565,086,290	2,639,749,631	2,596,231,933	
Accumulated Depreciation					
Intangible		(50,290,933)	(51,571,578)	(51,274,308)	Total Customers
Production		(691,036)	(691,036)	(691,036)	· · · · · · · · · · · · · · · · ·
Transmission		(22,034,688)	(26,627,223)	(24,322,387)	
Distribution		(795,473,276)	(825,236,387)	(810,781,756)	
General		(56,884,207)	(55,177,586)	(59,315,490)	
Storage and storage transmission		(107,513,146)	(115,019,652)	(111,396,564)	Firm Delivered Volumes
CNG and LNG		(1,832,885)	(1,861,443)	(1,847,163)	3-Factor
Encana		(37,910,394)	(55,901,631)	(47,436,012)	Direct
Total Accumulated Depreciation		(1,072,630,565)	(1,132,086,536)	(1,107,064,715)	
Storage Gas		12,699,327	12,817,028	12,776,700	Firm Delivered Volumes
Customer Advances		(2,880,550)	(2,925,250)	(2,983,254)	
Leasehold Improvements		853,180	628,215	740,481	Direct & 3-Factor
Total Rate Base Excluding ADIT and V	NC	1,503,127,681	1,518,183,088	1,499,701,145	

#### NW Natural Washington Annual Commission Basis Report Test Year Based on Twelve Months Ended December 31, 2015 Rate Base

		2014	2015	Dec 14 - Dec 15	
WASHINGTON		2014	2015	Dec 14 - Dec 15	-
Gross Plant		Dec WASHINGTON	December WASHINGTON	12 month average WASHINGTON	
Intangible	Software Other	9,693,985 447	10,080,838 447		Total Customers Direct
Production					Direct
Transmission		1,000,754	1,015,489	1,011,404	
Distribution		220,564,18 <del>9</del>	231,807,252	224,086,743	Direct
General		13,742,973	11,186,487	13,822,796	3-Factor & Direct
Storage and storage transmission		23,416,161	23,813,095	23,644,547	Firm Delivered Volumes
CNG and LNG		379,077	379,077	379,077	3-Factor
Total Gross Plant		268,797,586	278,282,685	272,806,177	
Accumulated Depreciation					
Intangible Production		(6,032,208)	(6,185,817)	(6,150,160)	Total Customers Direct
Transmission		(83,896)	(104,629)	(94,457)	Direct
Distribution		(91,346,549)	(95,957,411)	(93,670,641)	
General		(5,728,635)	(5,452,923)	(5,955,913)	3-Factor
Storage and storage transmission		(8,515,847)	(9,196,551)	(8,869,715)	Firm Delivered Volumes
CNG and LNG		(203,654)	(206,827)	(205,240)	3-Factor
Total Accumulated Depreciation		(111,910,789)	(117,104,158)	(114,946,127)	
Storage Gas		1,319,137	1,331,364	1,327,175	Firm Delivered Volumes
Customer Advances		(284,759)	(421,615)	(365,019)	Direct
Leasehold Improvements		254,673	- 68,950	177,714	Direct & 3-Factor
Total Rate Base Excluding ADIT and	wc	158,175,848	162,157,225	158,999,920	

**Total Rate Base Used** 

\$158,999,920

# Customer Counts, Volumes and Usage per Customer

NW Natural Quarterly Results of Operations Report to the WUTC 3rd Quarter 2016

NW Natural Washington Qtriy Results of Operations Monthly Volumes, Customers, and Use/Customer

Use/Customer	2015	2015	2015	2015	2016	2016	2016	2016	2016	2016	2016	2016	2016
<u>Volumes</u> Residential Commercial Industrial From	1,232,327 767,069 767,069	1,519,133	2,999,763 1,274,372 351,872	7,384,165 2,904,461 310,810	4 100 100 100 100 100 100 100 100 100 10	5,789,694 2,423,263 2,423,263	4,919,785 2,020,690 2,020,690	April 3,529,262 1,592,322	2,063,818 1,013,884	June 1,747,621 925,809	251'2PE'1	August 1,154,797 680,891	September 1,262,725 735,865
Interruptible Transport Firm	84,440 649,889	169,29	128,295	1.002.119	146, 293	121,237	127,288	019/001	625'101 625'101	0/c/261 86,726 547 chi	02,500 02,500 707 p.s.	80,700 80,700	65,747 16,247 19,247
Transport Interruptible Total	4,010,681	1,066,493 4,417,801	6.373,863	861,753 12,613,610	796,198 14,672,040	10,111,965	CIE,787 532,999,8	776,401	844,695 4,886,941	629,052	786,535	926,489 3,660,792	1,061,002
Customers Readontial Commercial Industrial From	69,819 6,186 43	70,011 6,237 49	70,259 6,292 49	70,592 6,342 47	70,814 6,134 49	70,984 6,331 48 5	71,106 6,360 48	71,241 6,403 49	71,329 6,440 50	71,455 6,457 50	71,554 6,445 47	71,702 6,409 50	71,893 6,365
Transport Firm Transport Interruptible	2 17	21 11	r 67	ີ ຊິສ	5 73 73	° 83	° &∷	c 62 11	° 0011	^ <u>8</u> =	° 8:	° 81	^ <u>R</u> C
Total	76,085	76,334	76,645	77,026	£ν,243	77,408	655'17	867,77	77,965	78,008	78,092	78,208	78,354
Ves Der Customer Readornia Commercial Industrial Firm Interruptible	18 124 3,825 16,688	22 141 3,578 19,138	43 203 5,140 25,659	105 458 6,805 238,259	125 559 6,942 29,869	82 383 5,903 24,247	69 318 6,060 25,458	50 245 4,494 20,723	25 157 3,910 20,306	24 143 3,851 17,345	19 119 3,226 16,502	16 106 3,454 13,450	18 116 3,419 17,249
Transport Firm Transport Interruptible	30,947 301,133	32,450 96,954	30,447 76,056	34,556 78,341	31,338 66,350	28,080 61,830	29,079 71,574	23,208 70,582	21,584 76,790	21,408 75,368	21,944 71,503	21,490 84,226	21,077 90,084

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NW Natural Washington Qtriy Results of Operations Monthly Volumes, Customers, and Use/Customer

12 Months Ended	2015 September	2015 October	2015 November	2015 December	2016 January	2016 February	2016 March	2016 April	2016 May	2016 June	2016 July	2016 Audust	2016 Seotember
Volumes Residential Commercial Interruptible	39,279,508 18,024,293 2,684,415 1,176,713	39,482,253 18,081,028 2,678,242 1,184,725	39,196,111 17,951,540 2,687,063 1,195,756	39,854,370 19,055,350 2,674,797 1,210,581	41,330,906 18,543,198 2,686,071 1,244,185	41,741,266 18,622,377 2,696,396 1,258,662	42,413,090 18,780,380 2,745,886 1,276,419	42,525,037 18,827,665 2,746,169 1,270,550	42,114,236 18,645,645 2,756,247 1,276,902	42,281,777 18,685,014 2,762,964 1,282,376	42,489,270 18,769,937 2,750,504 1,294,037	42,587,738 42,587,738 18,791,716 2,758,974 1,302,664	42,618,136 18,760,492 2,762,027 1,304,471
Transport Firm Transport Interruptible	8,096,076 10,236,061	8,891,644	8,931,820 10,210,012	9,016,429 10,183,777	9,058,789	9,088,795 10,002,236	9,003,870 10,055,692	9,0321,189	9,063,474 8,604,976	9,085,752 10,300,474	9,097,680 10,269,680	9,106,671 10,304,141	9,089,086
Total	80,297,066	HQ1 (CCS,08	80,172,302	81,001,304	82,945,531	83,409,734	700,220,48	771,627,68	82,461,480	64,398,357	84,671,300	84,851,904	64,606,891
Average Customers Readerntal Commercial Industrial Firm Interruptible	69,085 6,206 40 5	69,246 6,215 41 5	69,402 6,226 41 5	69,561 6,235 42 5	69,720 6,243 43 5	69,883 6.254 4.4	70,048 6,266 44	70,216 6,282 45 5	70,384 6,299 46	70,557 6,317 47 5	70,729 945,0 47	70,906 6.353 48 48	71,078 6.368 49 5
Transport Firm Transport Interruptible	20	21 11	8=	22	21	24	24	25 11	26 11	27 11	27 11	R2	62 II
Tetai	75,368	75,538	75,708	75,876	76,045	76,220	660.91	76,583	76,771	76,963	77,154	1SE'11	77,540
12 Honth Use per Average Customer Residential Commercial Industrial Firm Interruptible	569 2,904 67,532 235,343	570 2,909 665,994 236,945	565 2,683 64,879 64,879 239,151	573 2,896 63,560 243,716	593 2,970 62,586 2,48,637	597 2,978 61,750 251,732	605 2,997 61,821 255,284	606 2,997 60,689 254,110	598 2,960 59,702 255,380	599 2,958 58,891 256,475	601 2,963 58,007 258,807	601 2,958 57,181 256,262	600 2,946 56,657 256,617
Transport Firm Transport Interruptible	435,726 930,551	423,412 927,754	412,238 928,163	403,721 925,790	393,860 088,689	384,034 902,458	373,210 902,709	361,303	080,12£ ££5,277	342,859 329,366	333,860 926,605	769,628 BC2,22£	316,142 919,941

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suits of Operations informers, and	
NW Natural Washington Qiriy Re Honthiy Volumes, Cu Data Conteneer, Cu	

Ude/Customer	2015 Januery	2015 Februery	2015 March	2015 April	2015 May	2015 June	2015 July	2015 August	2015 September	2015 Octaber	2015 November	2015 December
Vobimes Residential Connectal Endustrial Frm Erbarruptiole	7,403,685 3,051,456 328,905 123,740	HE,975,2 HB0,HHE,2 010,275 106,760	4,247,961 1,862,687 241,400 109,531	3,417,315 1,545,037 219,928 109,482	2,494,619 1,195,904 185,404	1.580,080 886,440 185,853 81,252	1,139,659 685,010 164,090 70,847	1.056,329 659,112 659,121 72,073	1,232,327 767,089 164,472 B4,440	EE1,612,1 669,278 EEE,271 EEE,271	2,999,763 1,274,372 251,629 251,629	7,394,165 2,904,461 319,819 141,293
Transport Firm Transport EnterruptBde	924,433 697,593	760,275	848,221 733,659	724,343	616,626 716,213	619,959 754,650	646,379	635,711 892,220	649,889 1,112,464	681,453 1,066,493	882,977 836,617	1,002,119 961,753
Total	12,729,813	9,647,782	8,041,659	6,750,608	EH6/EDC.2	4108,234	3,523,122	3,480,166	4,010,681	4,417,801	6,377,863	12,613,610
Customera Readerated Commercial Industriel Firm Interruptible	68.900 6.230 33	69,023 6,206 39 5	161,6 <del>3</del> 112,8 90 5	69,227 6,219 79 5	69,307 6,235 39 5	69,377 6,241 41 5	69,490 6,235 41 5	69,586 6,182 40 5	69,019 6,186 43 5	70,011 6,237 6,49 5	70,259 6,292 49 5	70,592 6,342 47
Transport Rem Transport Enterruptible	21 11	12	21	23	21	21 11	21	21	22	21	67 II	\$ II
Tetal	75,214	75,305	75,418	75,522	75,618	75,696	75,803	75,045	76,085	76,334	76,645	77,026
Use Det Customer Residential Commercial Industrial Firm Interruptible	107 990 8,433 24,748	87E 87E 52E,15	61 300 6,130 21,906	49 248 5,639 21,896	36 192 4,754 19,035	23 142 4,533 16,250	16 110 4,002 14,169	15 107 4.119 14,415	18 124 1,868 16,868	22 141 3,578 19,138	43 203 5,140 25,659	105 458 6,805 28,259
Transport Virm Transport Unterruptible	44,021 81,599	37,349 69,116	40.391	54,493 66,773	190,92 011,83	29,522 68,605	30,780 74,285	30,272 61,111	30,947	32,450 96,954	30,447 76,056	34,356 78,341
NW Matural Washingtan Quty Racaths of Operations Honthiny Volumes, Clashomers, and Use/Customer 12 Months Endad	2015	5102	2015	2015	5102	2015	5102	2015	2102	2015	2015	2015
	Annual	February	Munch	April	Hay	yue	Ąnc	August	September	October	November	December
Vakunnes Residential Commential Industrichtle Interruptible	43,629,264 19,896,592 2,933,358 1,213,241	41,120,968 18,884,201 2,832,132 1,177,198	072,107,05 067,102,61 362,62,61 2,730,366 171,1	25,392,122 20,366,81 71,261,231 2,682,837 1,181,1	39,390,804 16,075,235 2,631,236 1,167,509	706,111,057 706,720,81 706,1681,1 961,681,1	39,102,185 17,959,353 2,650,412 1,177,975	317,151,16 17,961,987 2,670,363 2,670,363	39,279,508 18,024,293 2,684,415 1,176,713	39,482,253 18,081,028 2,678,242 1,184,725	39,196,111 17,951,540 2,687,063 1,195,756	39,654,370 18,055,350 2,674,797 1,216,581
Transport Enterruptible	8,862,409 9,962,217	8,866,126 10,038,939	8,951,037 10,037,444	8,972,881 9,245,213	8,919,885 8,562,020	8,868,089 10,043,251	8.854,733 10,141,547	8,841,513 10,211,055	8,896,076 10,236,061	8,891,644 10,205,291	8,931,820 210,012,01	9,016,429 10,101,777
Total	100'264'99	82,919,564	80,961,749	79,542,030	78,774,689	80,211,889	79,966,205	80,017,702	80,297,066	80,523,184	60,172,302	81,003,304
Averange Castomens Residential Commercial Interruptible	67,965 6,167 39 5	60,097 6,171 39 5	68,230 6,173 39 5	68,365 6,176 39 5	68,501 6,181 39 5	68,638 6,189 39 5	68,781 6,198 39 5	68,927 6,202 39 5	69,066 6,206 40 5	69,246 6,215 41 5	69,402 6,226 41 5	69,561 6,235 42 42
Transport Entra Transport EntraruptBole	23	16	17 11	41	16 11	11 57	19 11	50	92	11 12	22	22
Total	74,202	74,338	74,475	74,613	74.755	74,900	75,053	75,205	895.27	75,538	75,708	75,876
a z Montru Use per Average Custamer Rasidantial Commencial Industrial Fran Literruptible	642 3,227 75,375 138,670	004 2,060 72,619 235,440	583 2,963 212,07 212,15 214,380	576 2,925 68,791 236,435	575 2.924 67,468 2.37,502	574 2,918 67,612 236,640	570 2,898 67,383 2,383 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,355 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,5555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555 2,555	568 2,896 67,747 234,543	569 2,904 57,532 235,343	570 2,909 65,994 236,945	565 2,883 64,879 239,151	573 2,896 63,560 243,716
Transport Sitra Transport Interruptibles	574,859 905,656	551.262 912,631	534,390	515,189 840,474	493,266 778,365	475,076 913,023	459,986 921,959	872,859 1072,859	435,726 930,551	423,412 927,759	412,238 928,163	400,721 925,798

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Use/Customer	2016 January	2016 February	2016 March	2016 April	2016 Hay	2016 June	2016 July	2016 August	2016 September
Yokunsa Reademical Commercial Industrial Fern Linterruptible	8,880,221 9,529,304 1,940,140 1,940,140	5,789,694 2,423,263 283,335 121,237	4,919,785 2,020,690 290,690 127,288	3,529,262 2,529,262 115,052 103,613	2,003,818 1,013,884 195,482 101,529	1,747,621 925,809 192,570 86,726	1,347,152 769,933 151,630 82,508	767,181,1 188,688,681 515,171 500,708	1,262,725 735,865 167,525 86,247
Transport Firm Transport Interruptible	966,793 796,198	814,325 161,138	642,CH8 CIE,787	673,040 776,440	647,533 844,695	642,237 829,052	558,307 786,535	644,702 926,489	632,304 1,051,002
Tetal	14,672,040	10,111,985	8,909,262	6+8+94	4,636,941	4,424,015	3,796,065	3,660,792	3,965,668
Castportura Residentical Consumercial Endustrial Firm Linterruptible	70,814 66,334 69	70,984 6,331 5	71,106 6.360 48 5	71,241 6,403 49 5	71,329 6,440 50 5	71,455 6,457 50 5	71,554 6,445 47	71,702 6,409 5.0 6	71.893 6.36.3 64 2
Transport Firm Transport Enterruptible	29 12	62	67 11	52 11	30	90 11	8 =	8 11	30 12
Total	EÞ2'11	77,408	77,559	867.77	77,865	78,008	78,092	78.208	10,354
Use sectorizationer Residentical Commercial Industrial Firm Linterruptible	125 559 6,942 29,869	82 383 5,903 24,247	69 318 6,060 25,458	50 249 1494,4	29 157 3,910 20,306	24 143 1651 17,345	19 119 3,226 16,502	16 106 3,464 13,450	18 116 3.419 3.419
Transport Ekma Transport Enharruptible	961,11 661,350	28,080	29.079 71.574	23,200 70,582	21,584 76,790	21,408	21, <del>944</del> 71,503	21,490 B4,226	21,077 90,084
MW Kutzmal Washington Qtty Results of Operations Menthity Volumes, Customert, and Use/Customer									
12 Momble Ended	2016 January	2016 February	2016 March	2016 April	2016 May	2016 June	2016 July	2016 August	2016 September
Volumes Residentia Connercial Dodustrial Firm Interruptida	41,330,906 18,543,196 2,686,071 1,244,185	41,741,266 18,622,377 2,696,396 1,258,662	42,413,090 18,780,380 2,745,886 1,276,419	42,525,037 18,827,665 2,746,169 1,270,550	42,114,236 18,645,645 2,756,247 1,276,902	42,281,777 18,685,014 2,762,954 1,282,376	42,489,270 18,769,937 2,750,504 1,294,037	42,587,738 18,791,716 2,758,974 1,302,664	42,618,136 18,760,492 2,762,027 1,304,471
Transport Firm Transport EntarruptBile	90,058,789 10,060,580	9,088,795 10,002,238	9,063,670	9,032,567 9,321,169	9,063,474 8,604,976	9,065,752	9,097,680 10,269,872	9,106,671	9,089,086 10,272,679
Total	82,945,531	<b>03,409,73</b> 4	141,355,337	771,657,68	82,461,480	72E,96E,H8	94/671,300	P4,851,904	168'908'18
Average Customers Rasidential Commercial Detection Free Interruptible	69,720 6,243 43 5	69,003 6,254 44 5	70,040 6,266 44 5	70,216 6,282 45 5	70.384 6.299 46 5	70,557 6,57 5,6 5	70,779 6,334 47 5	70,906 6.353 48 5	71,078 6.368 49 5
Transport Firm Transport Interruptible	8=	74	24	22 11	26 11	27	27 11	20	82 11
Total	76,045	76,220	76,399	76,583	76,771	76,963	77,154	131,751	77,540
u z Henrin Uza per Averaga Customer Residential Commercial Lidustrubbia	593 2,970 62,588 248,637	597 2,978 61,750 251,732	509 158,18 799,5	606 2,997 60,689 254,110	598 2,960 59,702 255,380	599 2,958 58,091 256,475	601 2,963 58,007 259,607	601 2,958 57,181 256,262	600 2,946 56,657 256,617
Transport Firm Transport Interruptible	098,191 989,909	384,034 902,458	015,5709	361,303 840,435	351,900 775,223	342,859 929,366	333,860 926,605	925,238 929,637	316,142 919,941

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