

NW Natural  
Washington Quarterly Results of Operations Report  
Operations and Maintenance Expense: Allocation of System Amounts  
For the period ended December 31, 2017

YTD

	<u>System</u>	<u>Washington</u>	<u>Oregon</u>	
<b>Natural Gas Storage</b>				
<b>Underground Storage Expense</b>				
<b>Operation</b>				
816	Wells Expense	\$286,568	\$27,539	\$259,028
818	Compressor Station Expense	\$81,899	\$7,870	\$74,028
819	Compressor Station Fuel	\$0	\$0	\$0
820	Measuring and Regulator Station Expense	\$2,390,765	\$228,939	\$2,161,825
821	Purification Expense	\$32,269	\$3,057	\$29,212
<b>Maintenance</b>				
832	Wells Expense	\$336,743	\$32,361	\$304,382
834	Compressor Expense	\$39,360	\$3,782	\$35,577
	<b>Total Underground Storage Expense</b>	<b>3,167,603</b>	<b>303,549</b>	<b>2,864,054</b>
<b>Other Storage Expense</b>				
<b>Operation</b>				
840	Supervision and Engineering	\$143,468	\$13,787	\$129,681
	<b>Total Other Storage Expense</b>	<b>143,468</b>	<b>13,787</b>	<b>129,681</b>
<b>Liquified Natural Gas Expense</b>				
<b>Operation</b>				
844	Supervision and Engineering	\$1,841,817	\$176,999	\$1,664,818
845	LNG Fuel	(\$90,056)	(\$8,654)	(\$81,402)
<b>Maintenance</b>				
847	Supervision and Engineering	\$982,489	\$94,417	\$888,072
	<b>Total Liquified Natural Gas Expense</b>	<b>2,734,249</b>	<b>262,761</b>	<b>2,471,488</b>
	<b>Total Natural Gas Storage</b>	<b>6,045,320</b>	<b>580,097</b>	<b>5,465,223</b>
<b>Transmission Expense</b>				
<b>Operation</b>				
856	Mains Expense	\$2,052,870	\$126,878	\$1,925,991
<b>Maintenance</b>				
863	Maintenance of Mains	\$325,479	\$34,492	\$290,986
	<b>Total Transmission Expense</b>	<b>2,378,348</b>	<b>161,371</b>	<b>2,216,978</b>
<b>Distribution Expense</b>				
<b>Operation</b>				
870	Supervision and Engineering	\$3,366,674	\$304,093	\$3,062,581
874	Mains and Services Expense	13,056,192	1,506,401	11,549,791
875	Measuring and Regulator Station Expense - General	292,103	23,902	268,201
877	Measuring and Regulator Station Expense - City Gate	553,865	48,231	505,635
878	Meter and House Regulator Expense	6,086,246	667,322	5,418,924
879	Customer Installation Expense	11,018,997	1,209,171	9,809,826
880	Other Expense	2,201,038	263,918	1,937,120
881	Rents	228,854	31,515	197,339
<b>Maintenance</b>				
885	Supervision and Engineering	7,798,911	339,840	7,459,071
887	Mains	2,933,777	260,938	2,672,838
889	Measuring and Regulator Station Expense - General	1,644,638	136,321	1,508,318
891	Measuring and Regulator Station Expense - City Gate	188,375	16,001	172,374
892	Services	642,754	46,825	595,929
893	Meters and House Regulators	3,102,228	294,759	2,807,469
894	Other Equipment	24,350	2,104	22,246
	<b>Total Distribution Expense</b>	<b>53,139,003</b>	<b>5,151,341</b>	<b>47,987,661</b>
<b>Customer Accounts Expense</b>				
<b>Operation</b>				
901	Supervision	1,700,934	187,273	1,513,661
902	Meter Reading Expenses	873,515	96,174	777,341
903	Customer Records and Collection Expense	18,672,781	2,044,205	16,628,576
904	Uncollectible Accounts	864,691	93,866	770,825
	<b>Total Customer Accounts Expense</b>	<b>22,111,921</b>	<b>2,421,518</b>	<b>19,690,403</b>

<b>Customer Service and Informational</b>				
Operation				
907	Supervision	1,886	210	1,676
908	Customer Assistance Expense	2,259,023	260,791	1,998,232
909	Customer Information Expense	2,835,510	312,190	2,523,320
910	Miscellaneous Customer Service Expense	266,868	29,673	237,195
	<b>Total Customer Service and Informational</b>	<u>5,363,287</u>	<u>602,863</u>	<u>4,760,423</u>
<b>Sales Expense</b>				
Operation				
911	Supervision	182,967	20,145	162,822
912	Demonstration and Selling Expense	4,232,471	462,756	3,769,715
913	Advertising	560,392	61,524	498,868
916	Miscellaneous Sales Expense	-	-	-
	<b>Total Sales Expense</b>	<u>4,975,830</u>	<u>544,425</u>	<u>4,431,406</u>
<b>Administrative and General Expense</b>				
Operation				
921	Office Supplies and Expense	62,972,313	7,265,393	55,706,920
922	Administrative Expenses Transferred - Credit	(20,406,271)	(2,271,746)	(18,134,524)
924	Property Insurance Premium	3,195,612	354,074	2,841,538
925	Injuries and Damages	411,024	167,193	243,831
926	Employee Pensions and Benefits	(540,991)	(57,489)	(483,502)
928	Regulatory Commission Expense	-	-	-
930	Miscellaneous General Expense	2,986,334	330,882	2,655,451
931	Rents	4,788,210	524,464	4,263,746
Maintenance				
935	Maintenance of General Plant	4,211,095	473,528	3,737,567
	<b>Total Administrative and General Expense</b>	<u>57,617,326</u>	<u>6,786,299</u>	<u>50,831,026</u>
	<b>Total Operations and Maintenance Expense</b>	<u>\$151,631,034</u>	<u>\$16,247,915</u>	<u>\$135,383,120</u>
			10.72%	89.28%