

# **July 2020 Activity**

**July 2020**

**NW Natural  
Washington Results of Operations  
Monthly Summary**

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

<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
		(6,022,854)			(656,555)			(5,366,299)
		1,355,034,899			182,450,964			1,172,583,935
		-0.44%			-0.36%			-0.46%

NW Natural  
Washington Quarterly Results of Operations Report

		July 2020								
		System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>Monthly Summary</b>										
<b>Sales of Gas</b>										
480.1	Residential	15,674,990		15,674,990	1,987,848		1,987,848	13,687,142		13,687,142
481.1	Commercial	7,127,213		7,127,213	768,335		768,335	6,358,878		6,358,878
481.2	Industrial Firm	1,352,133		1,352,133	108,070		108,070	1,244,063		1,244,063
481.3	Interruptible	1,156,661		1,156,661	34,089		34,089	1,122,573		1,122,573
481.5	Interruptible Incentive	0		0	0		0	0		0
495.20	Unbilled Revenue		(2,857,800)	(2,857,800)		(281,126)	(281,126)		(2,576,674)	(2,576,674)
	<b>Total Sales of Gas</b>	25,310,997	(2,857,800)	22,453,197	2,898,341	(281,126)	2,617,216	22,412,656	(2,576,674)	19,835,981
<b>Transportation Revenue</b>										
489.4	North Mist	1,622,126		1,622,126	0		0	1,622,126		1,622,126
489.12	Industrial Firm	869,916		869,916	112,711		112,711	757,205		757,205
489.13	Interruptible	621,073		621,073	57,229		57,229	563,844		563,844
489.15	Interruptible Incentive	0		0	0		0	0		0
489.3	Agency Fee/Balancing	633		633	0		0	633		633
	<b>Total Transportation Revenue</b>	3,113,748	0	3,113,748	169,940	0	169,940	2,943,809	0	2,943,809
495.6	Rate Adjustments - Amortizations	1,188,938		1,188,938	(53,621)		(53,621)	1,242,558		1,242,558
<b>Miscellaneous Revenues</b>										
487	Late Payment Charge	(71)		(71)	(4)		(4)	(67)		(67)
488.0	Seasonal Reconnect Fee	0		0	0		0	0		0
488.0	Delinquent Reconnect Fee	100		100	0		0	100		100
488.1	Returned Check Charge	6,405		6,405	735		735	5,670		5,670
488.3	Recon Charge CR During Office Hours	150		150	0		0	150		150
488.4	Field Collection Charge	20		20	0		0	20		20
488.5	Recon Charge CR After Office Hours	0		0	0		0	0		0
488.6	Recon Charge Seas During Office Hours	420		420	30		30	390		390
488.7	Recon Charge Seas After Office Hours	0		0	0		0	0		0
488.8	Automated Payment Charge	1,363		1,363	198		198	1,165		1,165
493.2	Rent - Utility Property		5,933	5,933		0	0		5,933	5,933
495.1	Meter Rentals	15,385		15,385	1,498		1,498	13,887		13,887
495.2	Other Gas Revenue - Miscellaneous	27,400		27,400	1,743		1,743	25,658		25,658
	<b>Total Miscellaneous Revenues</b>	51,172	5,933	57,104	4,199	0	4,199	46,972	5,933	52,905
	<b>Total Operating Revenue</b>	29,664,855	(2,851,867)	26,812,988	3,018,860	(281,126)	2,737,735	26,645,995	(2,570,742)	24,075,253
<b>Cost of Gas</b>										
804.7	WACOG Incurred	5,676,273		5,676,273	357,555		357,555	5,318,718		5,318,718
805.7	WACOG Deferred	(734,740)		(734,740)	99,528		99,528	(834,268)		(834,268)
804.6	Demand Incurred	6,352,582		6,352,582	698,784		698,784	5,653,798		5,653,798
805.8	Demand Deferred	(4,165,750)		(4,165,750)	(451,539)		(451,539)	(3,714,211)		(3,714,211)
805.4	Amortization of Gas Costs	699,400		699,400	17,729		17,729	681,671		681,671
	<b>Total Cost of Gas</b>	7,827,766	0	7,827,766	722,057	0	722,057	7,105,709	0	7,105,709
407.03	Environmental Expense			285,739			0			285,739
Detail	Operations & Maintenance	1,127,156	14,322,915	15,450,071	38,906	1,598,328	1,637,234	1,088,250	12,724,587	13,812,837
<b>Other Taxes</b>										
408.11	Property	2,203,626		2,203,626	155,579		155,579	2,048,048		2,048,048
408.12	Franchise	664,038		664,038	112,703		112,703	551,335		551,335
408.13	Payroll		548,252	548,252		55,677	55,677		492,576	492,576
408.14	Other	63,035		63,035	2,205		2,205	60,830		60,830
408.15	Regulatory	0		0	0		0	0		0
	<b>Total Other Taxes</b>	2,930,700	548,252	3,478,952	270,487	55,677	326,163	2,660,213	492,576	3,152,789
403.1	Depreciation		8,444,189	8,444,189		988,814	988,814		7,455,374	7,455,374
<b>Income Taxes</b>										
409.11	Federal Income Taxes			(2,697,783)			(270,645)			(2,427,138)
410.11	Federal Income Taxes - Deferred			1,958,304			0			1,958,304
411.42	Federal Income Tax Credit			(992,111)			(9,334)			(982,777)
409.12	Oregon Income Taxes			(913,221)			0			(913,221)
410.12	Oregon Income Taxes - Deferred			385,927			0			385,927
411.12	Oregon Income Tax Credit			(391,992)			0			(391,992)
	<b>Total Income Taxes</b>			(2,650,876)			(279,979)			(2,370,897)
	<b>Total Operating Revenue Deductions</b>	11,885,622	23,315,356	32,835,842	1,031,449	2,642,819	3,394,290	10,854,173	20,672,537	29,441,552
	<b>Net Operating Income</b>			(6,022,854)			(656,555)			(5,366,299)

July 2020

**NW Natural**  
**Washington Results of Operations**  
**Monthly Summary**

	<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
	Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>Rate Base</b>									
<b>101</b>	<b>Gross Plant</b>		3,180,445,597			371,648,478			2,808,797,118
<b>108.1X</b>	<b>Accumulated Depreciation</b>		(1,392,210,743)			(146,727,243)			(1,245,483,500)
<b>ADJ</b>	<b>Working Capital Allowance</b>		(4,702,203)			(538,402)			(4,163,801)
<b>117.X</b>	<b>Storage Gas - Cushion</b>		25,416,271			2,709,374			22,706,897
<b>186.XX</b>	<b>Leasehold Improvements</b>		104,522			11,821			92,701
<b>252.XX</b>	<b>Customer Contributions</b>		(4,869,209)			(894,697)			(3,974,512)
<b>283.XX</b>	<b>Deferred Taxes - Federal</b>		(371,629,828)			(43,758,368)			(327,871,460)
<b>283.XX</b>	<b>Deferred Taxes - State</b>		(77,519,509)			0			(77,519,509)
	<b>Total Rate Base</b>		1,355,034,899			182,450,964			1,172,583,935
	<b>Rate Of Return on Rate Base</b>		-0.44%			-0.36%			-0.46%

**July 2020**

**NW Natural**  
**Washington Results of Operations**  
**12 Month Ended Reports**  
**13 Month AMA for Rate Base**  
**Summary**

**Total Operating Revenue**

**Total Rate Base**

**Rate Of Return on Rate Base**

<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
		86,270,615			9,658,568			76,612,047
		1,443,216,081			188,787,743			1,254,428,338
		5.98%			5.12%			6.11%

			July 2020								
			System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
			Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>NW Natural</b>											
<b>Washington Results of Operations</b>											
<b>12 Month Ended Reports</b>											
<u>Acct</u>	<u>Description</u>	<u>Alloc. Ref.</u>									
<b>Sales of Gas</b>											
480.1	Residential		441,404,150	0	441,404,150	50,115,324	0	50,115,324	391,288,826	0	391,288,826
481.1	Commercial		197,759,353	0	197,759,353	18,881,184	0	18,881,184	178,878,169	0	178,878,169
481.2	Industrial Firm		21,003,373	0	21,003,373	1,874,305	0	1,874,305	19,129,068	0	19,129,068
481.3	Interruptible		17,121,851	0	17,121,851	535,532	0	535,532	16,586,319	0	16,586,319
481.5	Interruptible Incentive		0	0	0	0	0	0	0	0	0
495.20	Unbilled Revenue	A	0	38,998	38,998	0	86,382	86,382	0	(47,383)	(47,383)
	<b>Total Sales of Gas</b>		<b>677,288,728</b>	<b>38,998</b>	<b>677,327,726</b>	<b>71,406,346</b>	<b>86,382</b>	<b>71,492,728</b>	<b>605,882,382</b>	<b>(47,383)</b>	<b>605,834,999</b>
<b>Transportation Revenue</b>											
489.4	North Mist		11,354,882	0	11,354,882	0	0	0	11,354,882	0	11,354,882
489.12	Industrial Firm		12,075,388	0	12,075,388	1,532,684	0	1,532,684	10,542,704	0	10,542,704
489.13	Interruptible		7,962,083	0	7,962,083	744,526	0	744,526	7,217,557	0	7,217,557
489.15	Interruptible Incentive		0	0	0	0	0	0	0	0	0
489.3	Agency Fee/Balancing		325,195	0	325,195	0	0	0	325,195	0	325,195
	<b>Total Transportation Revenue</b>		<b>31,717,548</b>	<b>0</b>	<b>31,717,548</b>	<b>2,277,210</b>	<b>0</b>	<b>2,277,210</b>	<b>29,440,338</b>	<b>0</b>	<b>29,440,338</b>
495.6	Rate Adjustments - Amortizations		(1,738,550)	0	(1,738,550)	(2,746,694)	0	(2,746,694)	1,008,143	0	1,008,143
<b>Miscellaneous Revenues</b>											
487	Late Payment Charge		1,259,590	0	1,259,590	57,823	0	57,823	1,201,768	0	1,201,768
488.0	Seasonal Reconnect Fee		10,250	0	10,250	0	0	0	10,250	0	10,250
488.0	Delinquent Reconnect Fee		176,148	0	176,148	1,300	0	1,300	174,848	0	174,848
488.1	Returned Check Charge		124,034	0	124,034	13,079	0	13,079	110,955	0	110,955
488.3	Recon Charge CR During Office Hours		146,754	0	146,754	18,650	0	18,650	128,104	0	128,104
488.4	Field Collection Charge		193,515	0	193,515	16,720	0	16,720	176,795	0	176,795
488.5	Recon Charge CR After Office Hours		23,670	0	23,670	13,000	0	13,000	10,670	0	10,670
488.6	Recon Charge Seas During Office Hours		8,490	0	8,490	155	0	155	8,335	0	8,335
488.7	Recon Charge Seas After Office Hours		1,500	0	1,500	1,150	0	1,150	350	0	350
488.8	Automated Payment Charge		27,613	0	27,613	3,895	0	3,895	23,718	0	23,718
493.2	Rent - Utility Property	B	0	119,093	119,093	0	1,530	1,530	0	117,563	117,563
495.1	Meter Rentals		189,176	0	189,176	10,680	0	10,680	178,497	0	178,497
495.2	Other Gas Revenue - Miscellaneous		351,990	0	351,990	22,621	0	22,621	329,369	0	329,369
	<b>Total Miscellaneous Revenues</b>		<b>2,512,731</b>	<b>119,093</b>	<b>2,631,823</b>	<b>159,073</b>	<b>1,530</b>	<b>160,603</b>	<b>2,353,658</b>	<b>117,563</b>	<b>2,471,221</b>
	<b>Total Operating Revenue</b>		<b>709,780,456</b>	<b>158,091</b>	<b>709,938,547</b>	<b>71,095,934</b>	<b>87,912</b>	<b>71,183,847</b>	<b>638,684,521</b>	<b>70,179</b>	<b>638,754,700</b>
<b>Cost of Gas</b>											
804.7	WACOG Incurred		172,610,557	0	172,610,557	16,341,454	0	16,341,454	156,269,103	0	156,269,103
805.7	WACOG Deferred		1,340,221	0	1,340,221	(201,969)	0	(201,969)	1,542,190	0	1,542,190
804.6	Demand Incurred		77,750,182	0	77,750,182	8,496,160	0	8,496,160	69,254,022	0	69,254,022
805.8	Demand Deferred		741,024	0	741,024	(7,443)	0	(7,443)	748,467	0	748,467
805.4	Amortization of Gas Costs		12,951,106	0	12,951,106	(264,316)	0	(264,316)	13,215,422	0	13,215,422
	<b>Total Cost of Gas</b>		<b>265,393,090</b>	<b>0</b>	<b>265,393,090</b>	<b>24,363,886</b>	<b>0</b>	<b>24,363,886</b>	<b>241,029,204</b>	<b>0</b>	<b>241,029,204</b>
407.03	Environmental Expense				11,659,507			0			11,659,507
Detail	Operations & Maintenance	O&M	18,725,217	166,967,084	185,692,301	726,493	18,540,361	19,266,854	17,998,724	148,426,724	166,425,447
<b>Other Taxes</b>											
408.11	Property		23,383,885	0	23,383,885	1,633,375	0	1,633,375	21,750,510	0	21,750,510
408.12	Franchise		17,898,924	0	17,898,924	2,916,516	0	2,916,516	14,982,408	0	14,982,408
408.13	Payroll	C	0	6,490,259	6,490,259	0	666,241	666,241	0	5,824,019	5,824,019
408.14	Other		862,081	0	862,081	63,122	0	63,122	798,959	0	798,959
408.15	Regulatory		2,056,053	0	2,056,053	135,431	0	135,431	1,920,623	0	1,920,623
	<b>Total Other Taxes</b>		<b>44,200,943</b>	<b>6,490,259</b>	<b>50,691,203</b>	<b>4,748,443</b>	<b>666,241</b>	<b>5,414,684</b>	<b>39,452,500</b>	<b>5,824,019</b>	<b>45,276,519</b>
403.1	Depreciation	D	0	95,720,100	95,720,100	0	11,058,315	11,058,315	0	84,661,785	84,661,785
<b>Income Taxes</b>											
409.11	Federal Income Taxes				8,235,671			1,486,883			6,748,788
410.11	Federal Income Taxes - Deferred				22,807,218			0			22,807,218
411.42	Federal Income Tax Credit				(21,906,699)			(65,343)			(21,841,356)
409.12	Oregon Income Taxes				2,609,177			0			2,609,177
410.12	Oregon Income Taxes - Deferred				7,171,801			0			7,171,801
411.12	Oregon Income Tax Credit				(4,405,437)			0			(4,405,437)
	<b>Total Income Taxes</b>				<b>14,511,731</b>			<b>1,421,540</b>			<b>13,090,191</b>
	<b>Total Operating Revenue Deductions</b>		<b>328,319,251</b>	<b>269,177,444</b>	<b>623,667,932</b>	<b>29,838,822</b>	<b>30,264,917</b>	<b>61,525,278</b>	<b>298,480,428</b>	<b>238,912,527</b>	<b>562,142,654</b>
	<b>Net Operating Income</b>				<b>86,270,615</b>			<b>9,658,568</b>			<b>76,612,047</b>

July 2020

**NW Natural  
Washington Results of Operations  
13 Month AMA Ended Reports**

		<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
		Direct	Allocated	Total	Direct	Allocated	Total	Total
<b>Rate Base</b>								
<b>101</b>	<b>Gross Plant</b>			3,285,882,198			381,070,630	2,904,811,568
<b>108.1X</b>	<b>Accumulated Depreciation</b>			(1,425,587,627)			(151,649,266)	(1,273,938,360)
<b>Adj</b>	<b>Working Capital Allowance</b>			(3,381,413)			(405,797)	(2,975,615)
<b>117.X</b>	<b>Storage Gas - Cushion</b>			25,407,567			2,708,447	22,699,120
<b>186.XX</b>	<b>Leasehold Improvements</b>			16,069,766			1,817,491	14,252,275
<b>252.XX</b>	<b>Customer Contributions</b>			(6,025,074)			(995,393)	(5,029,681)
<b>283.XX</b>	<b>Deferred Taxes - Federal</b>			(371,629,828)			(43,758,368)	(327,871,460)
<b>283.XX</b>	<b>Deferred Taxes - State</b>			(77,519,509)			0	(77,519,509)
<b>Total Rate Base</b>				<b>1,443,216,081</b>			<b>188,787,743</b>	<b>1,254,428,338</b>
<b>Rate Of Return on Rate Base</b>				<b>5.98%</b>			<b>5.12%</b>	<b>6.11%</b>

**NW Natural**  
**Washington Quarterly Results of Operations Report**  
**Operations and Maintenance Expense: Allocation of System Amounts**  
**For the period ended July 31, 2020**

	<u>System</u>	<u>Washington</u>	<u>Oregon</u>
<b>Natural Gas Storage</b>			
<b>Underground Storage Expense</b>			
<b>Operation</b>			
<b>816 Wells Expense</b>	\$ 106,504	\$ 11,353	\$ 95,150
<b>818 Compressor Station Expense</b>	\$ 18,419	\$ 1,964	\$ 16,456
<b>819 Compressor Station Fuel</b>	\$ 0	\$ 0	\$ 0
<b>820 Measuring and Regulator Station Expense</b>	\$ 324,055	\$ 34,436	\$ 289,619
<b>821 Purification Expense</b>	\$ 22,446	\$ 2,393	\$ 20,053
			\$ -
<b>Maintenance</b>			
<b>832 Wells Expense</b>	\$ 18,211	\$ 1,941	\$ 16,269
<b>834 Compressor Expense</b>	\$ 58,394	\$ 6,187	\$ 52,207
<b>Total Underground Storage Expense</b>	<u>\$ 548,029</u>	<u>\$ 58,274</u>	<u>\$ 489,755</u>
<b>Other Storage Expense</b>			
<b>Operation</b>			
<b>840 Supervision and Engineering</b>	\$ 8,587	\$ 915	\$ 7,672
<b>Total Other Storage Expense</b>	<u>\$ 8,587</u>	<u>\$ 915</u>	<u>\$ 7,672</u>
<b>Liquified Natural Gas Expense</b>			
<b>Operation</b>			
<b>844 Supervision and Engineering</b>	\$ 158,750	\$ 16,923	\$ 141,827
<b>845 LNG Fuel</b>	\$ (369)	\$ (39)	\$ (329)
<b>Maintenance</b>			
<b>847 Supervision and Engineering</b>	\$ 100,379	\$ 10,700	\$ 89,679
<b>Total Liquified Natural Gas Expense</b>			
<b>Total Natural Gas Storage</b>	<u>\$ 258,760</u>	<u>\$ 27,584</u>	<u>\$ 231,176</u>
<b>Transmission Expense</b>			
<b>Operation</b>			
<b>856 Mains Expense</b>	\$ 148,319	\$ 5,485	\$ 142,834
<b>Maintenance</b>			
<b>863 Maintenance of Mains</b>	\$ 3,616	\$ 370	\$ 3,246
<b>Total Transmission Expense</b>	<u>\$ 151,935</u>	<u>\$ 5,856</u>	<u>\$ 146,079</u>
<b>Distribution Expense</b>			
<b>Operation</b>			
<b>870 Supervision and Engineering</b>	\$ 300,851	\$ 26,227	\$ 274,624
<b>874 Mains and Services Expense</b>	\$ 1,315,497	\$ 134,949	\$ 1,180,548
<b>875 Measuring and Regulator Station Expense - General</b>	\$ 21,188	\$ 2,139	\$ 19,050
<b>877 Measuring and Regulator Station Expense - City Gate</b>	\$ 44,736	\$ 4,329	\$ 40,407
<b>878 Meter and House Regulator Expense</b>	\$ 661,418	\$ 75,023	\$ 586,395
<b>879 Customer Installation Expense</b>	\$ 830,641	\$ 94,598	\$ 736,043
<b>880 Other Expense</b>	\$ 32,067	\$ 4,263	\$ 27,804
<b>881 Rents</b>	\$ 21,328	\$ 2,769	\$ 18,559
<b>Maintenance</b>			
<b>885 Supervision and Engineering</b>	\$ 461,990	\$ 20,342	\$ 441,648
<b>887 Mains</b>	\$ 265,050	\$ 10,271	\$ 254,779
<b>889 Measuring and Regulator Station Expense - General</b>	\$ 171,564	\$ 15,373	\$ 156,191
<b>891 Measuring and Regulator Station Expense - City Gate</b>	\$ 4,077	\$ 274	\$ 3,804
<b>892 Services</b>	\$ 69,661	\$ 5,916	\$ 63,746
<b>893 Meters and House Regulators</b>	\$ 379,936	\$ 40,072	\$ 339,863
<b>894 Other Equipment</b>	\$ 3,306	\$ 182	\$ 3,124
<b>Total Distribution Expense</b>	<u>\$ 4,583,308</u>	<u>\$ 436,725</u>	<u>\$ 4,146,583</u>



**NW Natural**  
**Washington Quarterly Results of Operations Report**  
**Operations and Maintenance Expense: Allocation of System Amounts**  
**For the period ended July 31, 2020**

	<u>System</u>	<u>Washington</u>	<u>Oregon</u>
<b>Customer Accounts Expense</b>			
<b>Operation</b>			
901 Supervision	\$ 157,309	\$ 17,902	\$ 139,407
902 Meter Reading Expenses	\$ 86,268	\$ 9,764	\$ 76,504
903 Customer Records and Collection Expense	\$ 1,280,767	\$ 144,521	\$ 1,136,246
904 Uncollectible Accounts	\$ 22,900	\$ 2,508	\$ 20,392
<b>Total Customer Accounts Expense</b>	<b>\$ 1,547,244</b>	<b>\$ 174,695</b>	<b>\$ 1,372,550</b>
<b>Customer Service and Informational</b>			
<b>Operation</b>			
907 Supervision	\$ -	\$ -	\$ -
908 Customer Assistance Expense	\$ 276,581	\$ 31,043	\$ 245,538
909 Customer Information Expense	\$ 311,874	\$ 35,491	\$ 276,383
910 Miscellaneous Customer Service Expense	\$ 17,056	\$ 1,958	\$ 15,098
<b>Total Customer Service and Informational</b>	<b>\$ 605,511</b>	<b>\$ 68,492</b>	<b>\$ 537,019</b>
<b>Sales Expense</b>			
<b>Operation</b>			
911 Supervision	\$ 12,360	\$ 1,407	\$ 10,954
912 Demonstration and Selling Expense	\$ 201,342	\$ 22,911	\$ 178,431
913 Advertising	\$ 65,625	\$ 7,468	\$ 58,157
916 Miscellaneous Sales Expense	\$ -	\$ -	\$ -
<b>Total Sales Expense</b>	<b>\$ 279,328</b>	<b>\$ 31,786</b>	<b>\$ 247,542</b>
<b>Administrative and General Expense</b>			
<b>Operation</b>			
921 Office Supplies and Expense	\$ 5,788,617	\$ 682,762	\$ 5,105,855
922 Administrative Expenses Transferred - Credit	\$ (1,834,387)	\$ (206,686)	\$ (1,627,700)
924 Property Insurance Premium	\$ 303,208	\$ 34,293	\$ 268,915
925 Injuries and Damages	\$ 63,117	\$ 7,138	\$ 55,978
926 Employee Pensions and Benefits	\$ 1,780,536	\$ 163,267	\$ 1,617,269
928 Regulatory Commission Expense	\$ -	\$ -	\$ -
930 Miscellaneous General Expense	\$ 556,751	\$ 62,972	\$ 493,779
931 Rents	\$ 376,762	\$ 42,299	\$ 334,463
<b>Maintenance</b>			
935 Maintenance of General Plant	\$ 432,766	\$ 46,862	\$ 385,903
<b>Total Administrative and General Expense</b>	<b>\$ 7,467,369</b>	<b>\$ 832,907</b>	<b>\$ 6,634,462</b>
<b>Total Operations and Maintenance Expense</b>	<b>\$ 15,450,071</b>	<b>\$ 1,637,234</b>	<b>\$ 13,812,837</b>







**NW Natural**  
**Rates & regulatory Affairs**  
**Operations and Maintenance Expenses**  
**State Allocation of System Accounts**  
**For the period ended July 31, 2020**

FERC Description	Allocation Method	System			Washington			Oregon		
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
	Employee Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>913 Advertising Total</b>		\$ -	\$ 65,625.17	\$ 65,625.17	\$ -	\$ 7,468.14	\$ 7,468.14	\$ -	\$ 58,157.03	\$ 58,157.03
	3-factor Total	\$ -	\$ 4,732,247.94	\$ 4,732,247.94	\$ -	\$ 535,217.24	\$ 535,217.24	\$ -	\$ 4,197,030.70	\$ 4,197,030.70
	Customers-All Total	\$ -	\$ 571,631.69	\$ 571,631.69	\$ -	\$ 65,051.69	\$ 65,051.69	\$ -	\$ 506,580.00	\$ 506,580.00
	Customers-Ind Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Customers-Res Total	\$ -	\$ 12,300.37	\$ 12,300.37	\$ -	\$ 1,412.08	\$ 1,412.08	\$ -	\$ 10,888.29	\$ 10,888.29
	Direct-OR Total	\$ 18,576.14	\$ -	\$ 18,576.14	\$ -	\$ -	\$ -	\$ 18,576.14	\$ -	\$ 18,576.14
	Employee Cost Total	\$ -	\$ 280,494.03	\$ 280,494.03	\$ -	\$ 29,093.70	\$ 29,093.70	\$ -	\$ 251,400.33	\$ 251,400.33
	Environmental Admin Costs Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Firm Sales Volumes Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Regulatory Total	\$ -	\$ 173,259.75	\$ 173,259.75	\$ -	\$ 51,977.93	\$ 51,977.93	\$ -	\$ 121,281.83	\$ 121,281.83
	Sales Volumes Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Sendout Volumes Total	\$ -	\$ 107.00	\$ 107.00	\$ -	\$ 9.20	\$ 9.20	\$ -	\$ 97.80	\$ 97.80
<b>921 Office Supplies and Expense Total</b>		\$ 18,576.14	\$ 5,770,040.78	\$ 5,788,616.92	\$ -	\$ 682,761.84	\$ 682,761.84	\$ 18,576.14	\$ 5,087,278.94	\$ 5,105,855.08
	3-factor Total	\$ -	\$ (50,609.25)	\$ (50,609.25)	\$ -	\$ (5,723.91)	\$ (5,723.91)	\$ -	\$ (44,885.34)	\$ (44,885.34)
	Admin Tran Total	\$ -	\$ (1,236,800.38)	\$ (1,236,800.38)	\$ -	\$ (144,228.42)	\$ (144,228.42)	\$ -	\$ (1,092,571.96)	\$ (1,092,571.96)
	Employee Cost Total	\$ -	\$ (546,976.94)	\$ (546,976.94)	\$ -	\$ (56,734.12)	\$ (56,734.12)	\$ -	\$ (490,242.82)	\$ (490,242.82)
<b>922 Administrative Expenses Transferred - Credit Total</b>		\$ -	\$ (1,834,386.57)	\$ (1,834,386.57)	\$ -	\$ (206,686.45)	\$ (206,686.45)	\$ -	\$ (1,627,700.12)	\$ (1,627,700.12)
	3-factor Total	\$ -	\$ 303,207.86	\$ 303,207.86	\$ -	\$ 34,292.81	\$ 34,292.81	\$ -	\$ 268,915.05	\$ 268,915.05
<b>924 Property Insurance Premium Total</b>		\$ -	\$ 303,207.86	\$ 303,207.86	\$ -	\$ 34,292.81	\$ 34,292.81	\$ -	\$ 268,915.05	\$ 268,915.05
	3-factor Total	\$ -	\$ 63,116.54	\$ 63,116.54	\$ -	\$ 7,138.48	\$ 7,138.48	\$ -	\$ 55,978.06	\$ 55,978.06
<b>925 Injuries and Damages Total</b>		\$ -	\$ 63,116.54	\$ 63,116.54	\$ -	\$ 7,138.48	\$ 7,138.48	\$ -	\$ 55,978.06	\$ 55,978.06
	3-factor Total	\$ -	\$ 173,547.41	\$ 173,547.41	\$ -	\$ 19,628.21	\$ 19,628.21	\$ -	\$ 153,919.20	\$ 153,919.20
	Customers-All Total	\$ -	\$ 593.75	\$ 593.75	\$ -	\$ 67.57	\$ 67.57	\$ -	\$ 526.18	\$ 526.18
	Direct-OR Total	\$ 221,549.00	\$ -	\$ 221,549.00	\$ -	\$ -	\$ -	\$ 221,549.00	\$ -	\$ 221,549.00
	Employee Cost Total	\$ -	\$ 1,384,091.83	\$ 1,384,091.83	\$ -	\$ 143,562.24	\$ 143,562.24	\$ -	\$ 1,240,529.59	\$ 1,240,529.59
	Transmission Total	\$ -	\$ 754.00	\$ 754.00	\$ -	\$ 9.13	\$ 9.13	\$ -	\$ 744.87	\$ 744.87
<b>926 Employee Pensions and Benefits Total</b>		\$ 221,549.00	\$ 1,558,986.99	\$ 1,780,535.99	\$ -	\$ 163,267.15	\$ 163,267.15	\$ 221,549.00	\$ 1,395,719.84	\$ 1,617,268.84
	3-factor Total	\$ -	\$ 551,429.46	\$ 551,429.46	\$ -	\$ 62,366.67	\$ 62,366.67	\$ -	\$ 489,062.79	\$ 489,062.79
	Admin Tran Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Customers-All Total	\$ -	\$ 5,321.50	\$ 5,321.50	\$ -	\$ 605.59	\$ 605.59	\$ -	\$ 4,715.91	\$ 4,715.91
<b>930 Miscellaneous General Expense Total</b>		\$ -	\$ 556,750.96	\$ 556,750.96	\$ -	\$ 62,972.26	\$ 62,972.26	\$ -	\$ 493,778.70	\$ 493,778.70
	3-factor Total	\$ -	\$ 371,221.28	\$ 371,221.28	\$ -	\$ 41,985.13	\$ 41,985.13	\$ -	\$ 329,236.15	\$ 329,236.15
	Customers-All Total	\$ -	\$ 2,755.20	\$ 2,755.20	\$ -	\$ 313.54	\$ 313.54	\$ -	\$ 2,441.66	\$ 2,441.66
	Direct-OR Total	\$ 2,785.45	\$ -	\$ 2,785.45	\$ -	\$ -	\$ -	\$ 2,785.45	\$ -	\$ 2,785.45
<b>931 Rents Total</b>		\$ 2,785.45	\$ 373,976.48	\$ 376,761.93	\$ -	\$ 42,298.67	\$ 42,298.67	\$ 2,785.45	\$ 331,677.81	\$ 334,463.26
	3-factor Total	\$ -	\$ 322,891.74	\$ 322,891.74	\$ -	\$ 36,519.06	\$ 36,519.06	\$ -	\$ 286,372.68	\$ 286,372.68
	Customers-All Total	\$ -	\$ 32,474.64	\$ 32,474.64	\$ -	\$ 3,695.61	\$ 3,695.61	\$ -	\$ 28,779.03	\$ 28,779.03
	Customers-The Dalles Total	\$ -	\$ 1,341.79	\$ 1,341.79	\$ -	\$ 338.80	\$ 338.80	\$ -	\$ 1,002.99	\$ 1,002.99
	Direct-OR Total	\$ 54,619.79	\$ -	\$ 54,619.79	\$ -	\$ -	\$ -	\$ 54,619.79	\$ -	\$ 54,619.79
	Direct-WA Total	\$ 4,748.60	\$ -	\$ 4,748.60	\$ 4,748.60	\$ -	\$ 4,748.60	\$ -	\$ -	\$ -
	Firm Sales Volumes Total	\$ -	\$ 8,680.37	\$ 8,680.37	\$ -	\$ 925.33	\$ 925.33	\$ -	\$ 7,755.04	\$ 7,755.04
	Sendout Volumes Total	\$ -	\$ 7,281.37	\$ 7,281.37	\$ -	\$ 626.20	\$ 626.20	\$ -	\$ 6,655.17	\$ 6,655.17
	Transmission Total	\$ -	\$ 727.24	\$ 727.24	\$ -	\$ 8.80	\$ 8.80	\$ -	\$ 718.44	\$ 718.44
<b>935 Maintenance of General Plant Total</b>		\$ 59,368.39	\$ 373,397.15	\$ 432,765.54	\$ 4,748.60	\$ 42,113.80	\$ 46,862.40	\$ 54,619.79	\$ 331,283.35	\$ 385,903.14
<b>Grand Total</b>		\$ 1,127,155.91	\$ 14,322,915.23	\$ 15,450,071.14	\$ 38,905.92	\$ 1,598,328.03	\$ 1,637,233.95	\$ 1,088,249.99	\$ 12,724,587.20	\$ 13,812,837.19

# **August 2020 Activity**

**August 2020**

**NW Natural  
 Washington Results of Operations  
 Monthly Summary**

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

<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
		(4,464,403)			(545,129)			(3,919,275)
		1,355,758,889			182,171,014			1,173,587,875
		-0.33%			-0.30%			-0.33%

NW Natural  
Washington Quarterly Results of Operations Report

		August 2020								
		System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>Monthly Summary</b>										
<b>Sales of Gas</b>										
480.1	Residential	13,851,072		13,851,072	1,698,885		1,698,885	12,152,186		12,152,186
481.1	Commercial	6,665,383		6,665,383	656,749		656,749	6,008,634		6,008,634
481.2	Industrial Firm	1,309,729		1,309,729	103,196		103,196	1,206,533		1,206,533
481.3	Interruptible	1,196,271		1,196,271	34,050		34,050	1,162,221		1,162,221
481.5	Interruptible Incentive	0		0	0		0	0		0
495.20	Unbilled Revenue		1,267,100	1,267,100		158,482	158,482		1,108,618	1,108,618
	<b>Total Sales of Gas</b>	23,022,455	1,267,100	24,289,556	2,492,880	158,482	2,651,362	20,529,575	1,108,618	21,638,193
<b>Transportation Revenue</b>										
489.4	North Mist	1,622,126		1,622,126	0		0	1,622,126		1,622,126
489.12	Industrial Firm	865,807		865,807	114,255		114,255	751,553		751,553
489.13	Interruptible	644,559		644,559	63,385		63,385	581,174		581,174
489.15	Interruptible Incentive	0		0	0		0	0		0
489.3	Agency Fee/Balancing	231		231	0		0	231		231
	<b>Total Transportation Revenue</b>	3,132,723	0	3,132,723	177,640	0	177,640	2,955,084	0	2,955,084
495.6	Rate Adjustments - Amortizations	(95,082)		(95,082)	(53,135)		(53,135)	(41,947)		(41,947)
<b>Miscellaneous Revenues</b>										
487	Late Payment Charge	(62)		(62)	(16)		(16)	(46)		(46)
488.0	Seasonal Reconnect Fee	0		0	0		0	0		0
488.0	Delinquent Reconnect Fee	100		100	50		50	50		50
488.1	Returned Check Charge	6,825		6,825	675		675	6,150		6,150
488.3	Recon Charge CR During Office Hours	295		295	25		25	270		270
488.4	Field Collection Charge	0		0	0		0	0		0
488.5	Recon Charge CR After Office Hours	0		0	0		0	0		0
488.6	Recon Charge Seas During Office Hours	210		210	0		0	210		210
488.7	Recon Charge Seas After Office Hours	0		0	0		0	0		0
488.8	Automated Payment Charge	1,363		1,363	248		248	1,115		1,115
493.2	Rent - Utility Property		5,933	5,933		0	0		5,933	5,933
495.1	Meter Rentals	15,721		15,721	1,495		1,495	14,227		14,227
495.2	Other Gas Revenue - Miscellaneous	27,218		27,218	2,114		2,114	25,104		25,104
	<b>Total Miscellaneous Revenues</b>	51,669	5,933	57,602	4,590	0	4,590	47,079	5,933	53,012
	<b>Total Operating Revenue</b>	26,111,766	1,273,033	27,384,799	2,621,976	158,482	2,780,458	23,489,791	1,114,551	24,604,341
<b>Cost of Gas</b>										
804.7	WACOG Incurred	6,011,094		6,011,094	394,394		394,394	5,616,700		5,616,700
805.7	WACOG Deferred	(959,149)		(959,149)	58,301		58,301	(1,017,451)		(1,017,451)
804.6	Demand Incurred	6,476,712		6,476,712	712,438		712,438	5,764,274		5,764,274
805.8	Demand Deferred	(4,257,412)		(4,257,412)	(468,051)		(468,051)	(3,789,361)		(3,789,361)
805.4	Amortization of Gas Costs	575,765		575,765	14,498		14,498	561,267		561,267
	<b>Total Cost of Gas</b>	7,847,010	0	7,847,010	711,581	0	711,581	7,135,429	0	7,135,429
407.03	Environmental Expense			282,723			0			282,723
Detail	Operations & Maintenance	1,113,982	12,792,848	13,906,829	70,161	1,453,355	1,523,516	1,043,821	11,339,492	12,383,313
<b>Other Taxes</b>										
408.11	Property	2,187,708		2,187,708	154,044		154,044	2,033,664		2,033,664
408.12	Franchise	746,436		746,436	140,497		140,497	605,939		605,939
408.13	Payroll		525,002	525,002		53,316	53,316		471,686	471,686
408.14	Other	63,080		63,080	2,250		2,250	60,830		60,830
408.15	Regulatory	50		50	0		0	50		50
	<b>Total Other Taxes</b>	2,997,274	525,002	3,522,276	296,791	53,316	350,107	2,700,483	471,686	3,172,169
403.1	Depreciation		8,462,917	8,462,917		991,008	991,008		7,471,909	7,471,909
<b>Income Taxes</b>										
409.11	Federal Income Taxes			(2,298,972)			(241,291)			(2,057,681)
410.11	Federal Income Taxes - Deferred			1,778,535			0			1,778,535
411.42	Federal Income Tax Credit			(879,955)			(9,334)			(870,621)
409.12	Oregon Income Taxes			(775,916)			0			(775,916)
410.12	Oregon Income Taxes - Deferred			352,184			0			352,184
411.12	Oregon Income Tax Credit			(348,429)			0			(348,429)
	<b>Total Income Taxes</b>			(2,172,553)			(250,625)			(1,921,928)
	<b>Total Operating Revenue Deductions</b>	11,958,266	21,780,766	31,849,202	1,078,533	2,497,679	3,325,586	10,879,734	19,283,087	28,523,616
	<b>Net Operating Income</b>			(4,464,403)			(545,129)			(3,919,275)



**August 2020**

**NW Natural  
Washington Results of Operations  
Monthly Summary**

		<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
		Direct	Allocated	Total	Direct	Allocated	Total	Total
<b>Rate Base</b>								
<b>101</b>	<b>Gross Plant</b>			3,188,123,979			372,450,894	2,815,673,085
<b>108.1X</b>	<b>Accumulated Depreciation</b>			(1,397,833,786)			(147,519,872)	(1,250,313,914)
<b>ADJ</b>	<b>Working Capital Allowance</b>			(6,585,582)			(754,049)	(5,831,533)
<b>117.X</b>	<b>Storage Gas - Cushion</b>			25,414,694			2,709,206	22,705,487
<b>186.XX</b>	<b>Leasehold Improvements</b>			131,883			14,916	116,967
<b>252.XX</b>	<b>Customer Contributions</b>			(5,092,362)			(916,849)	(4,175,513)
<b>283.XX</b>	<b>Deferred Taxes - Federal</b>			(371,228,101)			(43,813,232)	(327,414,869)
<b>283.XX</b>	<b>Deferred Taxes - State</b>			(77,171,837)			0	(77,171,837)
<b>Total Rate Base</b>				<b>1,355,758,889</b>			<b>182,171,014</b>	<b>1,173,587,875</b>
<b>Rate Of Return on Rate Base</b>				<b>-0.33%</b>			<b>-0.30%</b>	<b>-0.33%</b>

**August 2020**

**NW Natural**  
**Washington Results of Operations**  
**12 Month Ended Reports**  
**13 Month AMA for Rate Base**  
**Summary**

**Total Operating Revenue**

**Total Rate Base**

**Rate Of Return on Rate Base**

<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
		86,928,685			9,675,985			77,252,700
		1,459,082,516			189,931,826			1,269,150,690
		5.96%			5.09%			6.09%

			August 2020								
			System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
			Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>NW Natural</b>											
<b>Washington Results of Operations</b>											
<b>12 Month Ended Reports</b>											
<u>Acct</u>	<u>Description</u>	<u>Alloc. Ref.</u>									
<b>Sales of Gas</b>											
480.1	Residential		442,548,069	0	442,548,069	50,371,979	0	50,371,979	392,176,089	0	392,176,089
481.1	Commercial		196,736,293	0	196,736,293	18,895,897	0	18,895,897	177,840,396	0	177,840,396
481.2	Industrial Firm		20,779,295	0	20,779,295	1,866,304	0	1,866,304	18,912,991	0	18,912,991
481.3	Interruptible		17,314,483	0	17,314,483	541,964	0	541,964	16,772,519	0	16,772,519
481.5	Interruptible Incentive		0	0	0	0	0	0	0	0	0
495.20	Unbilled Revenue	A	0	33,222	33,222	0	119,016	119,016	0	(85,794)	(85,794)
	<b>Total Sales of Gas</b>		677,378,140	33,222	677,411,362	71,676,144	119,016	71,795,160	605,701,996	(85,794)	605,616,202
<b>Transportation Revenue</b>											
489.4	North Mist		12,977,008	0	12,977,008	0	0	0	12,977,008	0	12,977,008
489.12	Industrial Firm		12,048,848	0	12,048,848	1,537,901	0	1,537,901	10,510,947	0	10,510,947
489.13	Interruptible		7,961,307	0	7,961,307	755,219	0	755,219	7,206,088	0	7,206,088
489.15	Interruptible Incentive		0	0	0	0	0	0	0	0	0
489.3	Agency Fee/Balancing		325,332	0	325,332	0	0	0	325,332	0	325,332
	<b>Total Transportation Revenue</b>		33,312,494	0	33,312,494	2,293,120	0	2,293,120	31,019,374	0	31,019,374
495.6	Rate Adjustments - Amortizations		(923,274)	0	(923,274)	(2,701,203)	0	(2,701,203)	1,777,930	0	1,777,930
<b>Miscellaneous Revenues</b>											
487	Late Payment Charge		1,185,561	0	1,185,561	54,109	0	54,109	1,131,453	0	1,131,453
488.0	Seasonal Reconnect Fee		9,750	0	9,750	0	0	0	9,750	0	9,750
488.0	Delinquent Reconnect Fee		167,048	0	167,048	1,350	0	1,350	165,698	0	165,698
488.1	Returned Check Charge		121,154	0	121,154	12,674	0	12,674	108,480	0	108,480
488.3	Recon Charge CR During Office Hours		136,119	0	136,119	15,805	0	15,805	120,314	0	120,314
488.4	Field Collection Charge		172,980	0	172,980	14,965	0	14,965	158,015	0	158,015
488.5	Recon Charge CR After Office Hours		21,540	0	21,540	13,000	0	13,000	8,540	0	8,540
488.6	Recon Charge Seas During Office Hours		8,410	0	8,410	155	0	155	8,255	0	8,255
488.7	Recon Charge Seas After Office Hours		1,400	0	1,400	1,150	0	1,150	250	0	250
488.8	Automated Payment Charge		26,765	0	26,765	3,815	0	3,815	22,950	0	22,950
493.2	Rent - Utility Property	B	0	109,165	109,165	0	765	765	0	108,400	108,400
495.1	Meter Rentals		189,082	0	189,082	12,148	0	12,148	176,934	0	176,934
495.2	Other Gas Revenue - Miscellaneous		355,473	0	355,473	22,391	0	22,391	333,082	0	333,082
	<b>Total Miscellaneous Revenues</b>		2,395,282	109,165	2,504,447	151,562	765	152,327	2,243,721	108,400	2,352,120
	<b>Total Operating Revenue</b>		712,162,643	142,387	712,305,030	71,419,622	119,781	71,539,403	640,743,021	22,606	640,765,627
<b>Cost of Gas</b>											
804.7	WACOG Incurred		173,094,619	0	173,094,619	16,335,393	0	16,335,393	156,759,225	0	156,759,225
805.7	WACOG Deferred		516,763	0	516,763	(248,127)	0	(248,127)	764,890	0	764,890
804.6	Demand Incurred		77,764,188	0	77,764,188	8,516,442	0	8,516,442	69,247,745	0	69,247,745
805.8	Demand Deferred		587,660	0	587,660	(31,924)	0	(31,924)	619,584	0	619,584
805.4	Amortization of Gas Costs		14,194,536	0	14,194,536	(138,200)	0	(138,200)	14,332,736	0	14,332,736
	<b>Total Cost of Gas</b>		266,157,764	0	266,157,764	24,433,585	0	24,433,585	241,724,179	0	241,724,179
407.03	Environmental Expense				11,635,801			0			11,635,801
<b>Detail</b>	<b>Operations &amp; Maintenance</b>	O&M	18,778,538	167,534,117	186,312,655	738,043	18,640,541	19,378,584	18,040,495	148,893,576	166,934,071
<b>Other Taxes</b>											
408.11	Property		23,551,938	0	23,551,938	1,635,509	0	1,635,509	21,916,429	0	21,916,429
408.12	Franchise		17,936,421	0	17,936,421	2,959,578	0	2,959,578	14,976,843	0	14,976,843
408.13	Payroll	C	0	6,501,446	6,501,446	0	665,966	665,966	0	5,835,480	5,835,480
408.14	Other		970,410	0	970,410	62,235	0	62,235	908,175	0	908,175
408.15	Regulatory		2,056,103	0	2,056,103	135,431	0	135,431	1,920,673	0	1,920,673
	<b>Total Other Taxes</b>		44,514,872	6,501,446	51,016,318	4,792,753	665,966	5,458,718	39,722,120	5,835,480	45,557,600
403.1	Depreciation	D	0	96,585,991	96,585,991	0	11,189,339	11,189,339	0	85,396,651	85,396,651
<b>Income Taxes</b>											
409.11	Federal Income Taxes				9,249,366			1,477,868			7,771,498
410.11	Federal Income Taxes - Deferred				21,321,677			0			21,321,677
411.42	Federal Income Tax Credit				(22,114,567)			(74,677)			(22,039,891)
409.12	Oregon Income Taxes				2,975,471			0			2,975,471
410.12	Oregon Income Taxes - Deferred				6,719,328			0			6,719,328
411.12	Oregon Income Tax Credit				(4,483,459)			0			(4,483,459)
	<b>Total Income Taxes</b>				13,667,816			1,403,192			12,264,624
	<b>Total Operating Revenue Deductions</b>		329,451,174	270,621,553	625,376,344	29,964,381	30,495,846	61,863,418	299,486,794	240,125,707	563,512,926
	<b>Net Operating Income</b>				86,928,685			9,675,985			77,252,700

**August 2020**

**NW Natural  
Washington Results of Operations  
13 Month AMA Ended Reports**

		<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
		Direct	Allocated	Total	Direct	Allocated	Total	Total
<b>Rate Base</b>								
<b>101</b>	<b>Gross Plant</b>			3,303,421,529			382,726,085	2,920,695,444
<b>108.1X</b>	<b>Accumulated Depreciation</b>			(1,431,207,961)			(152,460,117)	(1,278,747,844)
<b>Adj</b>	<b>Working Capital Allowance</b>			(2,608,151)			(319,521)	(2,288,630)
<b>117.X</b>	<b>Storage Gas - Cushion</b>			25,406,001			2,708,280	22,697,721
<b>186.XX</b>	<b>Leasehold Improvements</b>			18,599,725			2,103,629	16,496,097
<b>252.XX</b>	<b>Customer Contributions</b>			(6,128,689)			(1,013,297)	(5,115,392)
<b>283.XX</b>	<b>Deferred Taxes - Federal</b>			(371,228,101)			(43,813,232)	(327,414,869)
<b>283.XX</b>	<b>Deferred Taxes - State</b>			(77,171,837)			0	(77,171,837)
<b>Total Rate Base</b>				<b>1,459,082,516</b>			<b>189,931,826</b>	<b>1,269,150,690</b>
<b>Rate Of Return on Rate Base</b>				<b>5.96%</b>			<b>5.09%</b>	<b>6.09%</b>

**NW Natural**  
**Washington Quarterly Results of Operations Report**  
**Operations and Maintenance Expense: Allocation of System Amounts**  
**For the period ended August 31, 2020**

	<u>System</u>	<u>Washington</u>	<u>Oregon</u>
<b>Natural Gas Storage</b>			
<b>Underground Storage Expense</b>			
<b>Operation</b>			
<b>816 Wells Expense</b>	\$ 18,030	\$ 1,922	\$ 16,108
<b>818 Compressor Station Expense</b>	\$ 51,634	\$ 5,504	\$ 46,130
<b>819 Compressor Station Fuel</b>	\$ 0	\$ 0	\$ 0
<b>820 Measuring and Regulator Station Expense</b>	\$ 159,407	\$ 17,056	\$ 142,351
<b>821 Purification Expense</b>	\$ (16,092)	\$ (1,715)	\$ (14,376)
			\$ -
<b>Maintenance</b>			
<b>832 Wells Expense</b>	\$ 27,760	\$ 2,959	\$ 24,801
<b>834 Compressor Expense</b>	\$ 63,145	\$ 6,443	\$ 56,702
<b>Total Underground Storage Expense</b>	<u>\$ 303,885</u>	<u>\$ 32,169</u>	<u>\$ 271,716</u>
<b>Other Storage Expense</b>			
<b>Operation</b>			
<b>840 Supervision and Engineering</b>	\$ 4,577	\$ 488	\$ 4,089
<b>Total Other Storage Expense</b>	<u>\$ 4,577</u>	<u>\$ 488</u>	<u>\$ 4,089</u>
<b>Liquified Natural Gas Expense</b>			
<b>Operation</b>			
<b>844 Supervision and Engineering</b>	\$ 159,448	\$ 16,997	\$ 142,451
<b>845 LNG Fuel</b>	\$ -	\$ -	\$ -
<b>Maintenance</b>			
<b>847 Supervision and Engineering</b>	\$ 80,912	\$ 8,625	\$ 72,287
<b>Total Liquified Natural Gas Expense</b>			
<b>Total Natural Gas Storage</b>	<u>\$ 240,360</u>	<u>\$ 25,622</u>	<u>\$ 214,738</u>
<b>Transmission Expense</b>			
<b>Operation</b>			
<b>856 Mains Expense</b>	\$ 177,159	\$ 12,512	\$ 164,647
<b>Maintenance</b>			
<b>863 Maintenance of Mains</b>	\$ 713	\$ 74	\$ 639
<b>Total Transmission Expense</b>	<u>\$ 177,872</u>	<u>\$ 12,586</u>	<u>\$ 165,286</u>
<b>Distribution Expense</b>			
<b>Operation</b>			
<b>870 Supervision and Engineering</b>	\$ 254,611	\$ 22,482	\$ 232,129
<b>874 Mains and Services Expense</b>	\$ 1,118,110	\$ 120,341	\$ 997,769
<b>875 Measuring and Regulator Station Expense - General</b>	\$ 18,828	\$ 1,953	\$ 16,875
<b>877 Measuring and Regulator Station Expense - City Gate</b>	\$ 30,823	\$ 2,745	\$ 28,078
<b>878 Meter and House Regulator Expense</b>	\$ 609,674	\$ 69,310	\$ 540,364
<b>879 Customer Installation Expense</b>	\$ 927,830	\$ 104,511	\$ 823,319
<b>880 Other Expense</b>	\$ 97,849	\$ 11,705	\$ 86,144
<b>881 Rents</b>	\$ 7,717	\$ 1,229	\$ 6,487
<b>Maintenance</b>			
<b>885 Supervision and Engineering</b>	\$ 459,285	\$ 31,690	\$ 427,595
<b>887 Mains</b>	\$ 287,310	\$ 13,735	\$ 273,574
<b>889 Measuring and Regulator Station Expense - General</b>	\$ 144,140	\$ 13,249	\$ 130,891
<b>891 Measuring and Regulator Station Expense - City Gate</b>	\$ 22,726	\$ 1,393	\$ 21,333
<b>892 Services</b>	\$ 51,444	\$ 1,341	\$ 50,103
<b>893 Meters and House Regulators</b>	\$ 315,779	\$ 33,575	\$ 282,203
<b>894 Other Equipment</b>	\$ 4,384	\$ 230	\$ 4,153
<b>Total Distribution Expense</b>	<u>\$ 4,350,508</u>	<u>\$ 429,491</u>	<u>\$ 3,921,017</u>

**NW Natural**  
**Washington Quarterly Results of Operations Report**  
**Operations and Maintenance Expense: Allocation of System Amounts**  
**For the period ended August 31, 2020**

	<u>System</u>	<u>Washington</u>	<u>Oregon</u>	
<b>Customer Accounts Expense</b>				
<b>Operation</b>				
901	Supervision	\$ 155,710	\$ 17,720	\$ 137,990
902	Meter Reading Expenses	\$ 79,985	\$ 9,102	\$ 70,883
903	Customer Records and Collection Expense	\$ 1,191,713	\$ 134,398	\$ 1,057,314
904	Uncollectible Accounts	\$ 25,018	\$ 2,749	\$ 22,269
	<b>Total Customer Accounts Expense</b>	<b>\$ 1,452,425</b>	<b>\$ 163,969</b>	<b>\$ 1,288,456</b>
<b>Customer Service and Informational</b>				
<b>Operation</b>				
907	Supervision	\$ -	\$ -	\$ -
908	Customer Assistance Expense	\$ 265,852	\$ 44,709	\$ 221,143
909	Customer Information Expense	\$ 155,657	\$ 17,714	\$ 137,943
910	Miscellaneous Customer Service Expense	\$ 18,514	\$ 2,125	\$ 16,389
	<b>Total Customer Service and Informational</b>	<b>\$ 440,023</b>	<b>\$ 64,548</b>	<b>\$ 375,475</b>
<b>Sales Expense</b>				
<b>Operation</b>				
911	Supervision	\$ 8,088	\$ 920	\$ 7,168
912	Demonstration and Selling Expense	\$ 96,460	\$ 10,976	\$ 85,484
913	Advertising	\$ 22,472	\$ 2,557	\$ 19,915
916	Miscellaneous Sales Expense	\$ -	\$ -	\$ -
	<b>Total Sales Expense</b>	<b>\$ 127,021</b>	<b>\$ 14,454</b>	<b>\$ 112,567</b>
<b>Administrative and General Expense</b>				
<b>Operation</b>				
921	Office Supplies and Expense	\$ 5,753,544	\$ 700,612	\$ 5,052,932
922	Administrative Expenses Transferred - Credit	\$ (1,717,586)	\$ (193,366)	\$ (1,524,220)
924	Property Insurance Premium	\$ 302,326	\$ 34,193	\$ 268,133
925	Injuries and Damages	\$ 11,692	\$ 1,322	\$ 10,370
926	Employee Pensions and Benefits	\$ 1,740,479	\$ 159,202	\$ 1,581,277
928	Regulatory Commission Expense	\$ -	\$ -	\$ -
930	Miscellaneous General Expense	\$ 19,067	\$ 2,157	\$ 16,910
931	Rents	\$ 328,255	\$ 36,813	\$ 291,443
<b>Maintenance</b>				
935	Maintenance of General Plant	\$ 372,382	\$ 39,257	\$ 333,125
	<b>Total Administrative and General Expense</b>	<b>\$ 6,810,159</b>	<b>\$ 780,190</b>	<b>\$ 6,029,969</b>
	<b>Total Operations and Maintenance Expense</b>	<b>\$ 13,906,829</b>	<b>\$ 1,523,516</b>	<b>\$ 12,383,313</b>









**NW Natural**  
**Rates & regulatory Affairs**  
**Operations and Maintenance Expenses**  
**State Allocation of System Accounts**  
**For the period ended August 31, 2020**

FERC Description	Allocation Method	System			Washington			Oregon		
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
	Employee Cost Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>913 Advertising Total</b>		\$ -	\$ 22,472.44	\$ 22,472.44	\$ -	\$ 2,557.36	\$ 2,557.36	\$ -	\$ 19,915.08	\$ 19,915.08
	3-factor Total	\$ -	\$ 4,745,180.02	\$ 4,745,180.02	\$ -	\$ 536,679.86	\$ 536,679.86	\$ -	\$ 4,208,500.16	\$ 4,208,500.16
	Customers-All Total	\$ -	\$ 391,211.26	\$ 391,211.26	\$ -	\$ 44,519.84	\$ 44,519.84	\$ -	\$ 346,691.42	\$ 346,691.42
	Customers-Ind Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Customers-Res Total	\$ -	\$ 14,274.86	\$ 14,274.86	\$ -	\$ 1,638.75	\$ 1,638.75	\$ -	\$ 12,636.11	\$ 12,636.11
	Direct-OR Total	\$ 18,576.14	\$ -	\$ 18,576.14	\$ -	\$ -	\$ -	\$ 18,576.14	\$ -	\$ 18,576.14
	Employee Cost Total	\$ -	\$ 292,788.37	\$ 292,788.37	\$ -	\$ 30,368.90	\$ 30,368.90	\$ -	\$ 262,419.47	\$ 262,419.47
	Environmental Admin Costs Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Firm Sales Volumes Total	\$ -	\$ 255.00	\$ 255.00	\$ -	\$ 27.18	\$ 27.18	\$ -	\$ 227.82	\$ 227.82
	Regulatory Total	\$ -	\$ 291,258.43	\$ 291,258.43	\$ -	\$ 87,377.53	\$ 87,377.53	\$ -	\$ 203,880.90	\$ 203,880.90
	Sales Volumes Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Sendout Volumes Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>921 Office Supplies and Expense Total</b>		\$ 18,576.14	\$ 5,734,967.94	\$ 5,753,544.08	\$ -	\$ 700,612.07	\$ 700,612.07	\$ 18,576.14	\$ 5,034,355.87	\$ 5,052,932.01
	3-factor Total	\$ -	\$ (45,876.78)	\$ (45,876.78)	\$ -	\$ (5,188.66)	\$ (5,188.66)	\$ -	\$ (40,688.12)	\$ (40,688.12)
	Admin Tran Total	\$ -	\$ (1,146,707.29)	\$ (1,146,707.29)	\$ -	\$ (133,722.29)	\$ (133,722.29)	\$ -	\$ (1,012,985.00)	\$ (1,012,985.00)
	Employee Cost Total	\$ -	\$ (525,001.52)	\$ (525,001.52)	\$ -	\$ (54,454.76)	\$ (54,454.76)	\$ -	\$ (470,546.76)	\$ (470,546.76)
<b>922 Administrative Expenses Transferred - Credit Total</b>		\$ -	\$ (1,717,585.59)	\$ (1,717,585.59)	\$ -	\$ (193,365.72)	\$ (193,365.72)	\$ -	\$ (1,524,219.87)	\$ (1,524,219.87)
	3-factor Total	\$ -	\$ 302,325.86	\$ 302,325.86	\$ -	\$ 34,193.05	\$ 34,193.05	\$ -	\$ 268,132.81	\$ 268,132.81
<b>924 Property Insurance Premium Total</b>		\$ -	\$ 302,325.86	\$ 302,325.86	\$ -	\$ 34,193.05	\$ 34,193.05	\$ -	\$ 268,132.81	\$ 268,132.81
	3-factor Total	\$ -	\$ 11,691.91	\$ 11,691.91	\$ -	\$ 1,322.36	\$ 1,322.36	\$ -	\$ 10,369.55	\$ 10,369.55
<b>925 Injuries and Damages Total</b>		\$ -	\$ 11,691.91	\$ 11,691.91	\$ -	\$ 1,322.36	\$ 1,322.36	\$ -	\$ 10,369.55	\$ 10,369.55
	3-factor Total	\$ -	\$ 169,840.11	\$ 169,840.11	\$ -	\$ 19,208.92	\$ 19,208.92	\$ -	\$ 150,631.19	\$ 150,631.19
	Customers-All Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Direct-OR Total	\$ 220,289.00	\$ -	\$ 220,289.00	\$ -	\$ -	\$ -	\$ 220,289.00	\$ -	\$ 220,289.00
	Employee Cost Total	\$ -	\$ 1,349,595.95	\$ 1,349,595.95	\$ -	\$ 139,984.22	\$ 139,984.22	\$ -	\$ 1,209,611.73	\$ 1,209,611.73
	Transmission Total	\$ -	\$ 754.00	\$ 754.00	\$ -	\$ 9.13	\$ 9.13	\$ -	\$ 744.87	\$ 744.87
<b>926 Employee Pensions and Benefits Total</b>		\$ 220,289.00	\$ 1,520,190.06	\$ 1,740,479.06	\$ -	\$ 159,202.26	\$ 159,202.26	\$ 220,289.00	\$ 1,360,987.80	\$ 1,581,276.80
	3-factor Total	\$ -	\$ 18,832.95	\$ 18,832.95	\$ -	\$ 2,130.01	\$ 2,130.01	\$ -	\$ 16,702.94	\$ 16,702.94
	Admin Tran Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Customers-All Total	\$ -	\$ 233.75	\$ 233.75	\$ -	\$ 26.60	\$ 26.60	\$ -	\$ 207.15	\$ 207.15
<b>930 Miscellaneous General Expense Total</b>		\$ -	\$ 19,066.70	\$ 19,066.70	\$ -	\$ 2,156.61	\$ 2,156.61	\$ -	\$ 16,910.09	\$ 16,910.09
	3-factor Total	\$ -	\$ 322,714.64	\$ 322,714.64	\$ -	\$ 36,499.03	\$ 36,499.03	\$ -	\$ 286,215.61	\$ 286,215.61
	Customers-All Total	\$ -	\$ 2,755.20	\$ 2,755.20	\$ -	\$ 313.54	\$ 313.54	\$ -	\$ 2,441.66	\$ 2,441.66
	Direct-OR Total	\$ 2,785.45	\$ -	\$ 2,785.45	\$ -	\$ -	\$ -	\$ 2,785.45	\$ -	\$ 2,785.45
<b>931 Rents Total</b>		\$ 2,785.45	\$ 325,469.84	\$ 328,255.29	\$ -	\$ 36,812.57	\$ 36,812.57	\$ 2,785.45	\$ 288,657.27	\$ 291,442.72
	3-factor Total	\$ -	\$ 272,095.46	\$ 272,095.46	\$ -	\$ 30,774.00	\$ 30,774.00	\$ -	\$ 241,321.46	\$ 241,321.46
	Customers-All Total	\$ -	\$ 37,167.69	\$ 37,167.69	\$ -	\$ 4,229.68	\$ 4,229.68	\$ -	\$ 32,938.01	\$ 32,938.01
	Customers-The Dalles Total	\$ -	\$ 2,620.47	\$ 2,620.47	\$ -	\$ 661.67	\$ 661.67	\$ -	\$ 1,958.80	\$ 1,958.80
	Direct-OR Total	\$ 45,443.29	\$ -	\$ 45,443.29	\$ -	\$ -	\$ -	\$ 45,443.29	\$ -	\$ 45,443.29
	Direct-WA Total	\$ 2,389.50	\$ -	\$ 2,389.50	\$ 2,389.50	\$ -	\$ 2,389.50	\$ -	\$ -	\$ -
	Firm Sales Volumes Total	\$ -	\$ 5,471.75	\$ 5,471.75	\$ -	\$ 583.29	\$ 583.29	\$ -	\$ 4,888.46	\$ 4,888.46
	Sendout Volumes Total	\$ -	\$ 7,193.53	\$ 7,193.53	\$ -	\$ 618.64	\$ 618.64	\$ -	\$ 6,574.89	\$ 6,574.89
	Transmission Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>935 Maintenance of General Plant Total</b>		\$ 47,832.79	\$ 324,548.90	\$ 372,381.69	\$ 2,389.50	\$ 36,867.28	\$ 39,256.78	\$ 45,443.29	\$ 287,681.62	\$ 333,124.91
<b>Grand Total</b>		\$ 1,113,981.97	\$ 12,792,847.50	\$ 13,906,829.47	\$ 70,160.87	\$ 1,453,355.32	\$ 1,523,516.19	\$ 1,043,821.10	\$ 11,339,492.18	\$ 12,383,313.28

# **September 2020 Activity**

**September 2020**

**NW Natural  
Washington Results of Operations  
Monthly Summary**

**Total Operating Revenue**

**Total Rate Base**

**Rate Of Return on Rate Base**

<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
		(3,725,880)			(434,555)			(3,291,325)
		1,374,493,490			182,564,667			1,191,928,823
		-0.27%			-0.24%			-0.28%

NW Natural  
Washington Quarterly Results of Operations Report

		September 2020								
		System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>Monthly Summary</b>										
<b>Sales of Gas</b>										
480.1	Residential	14,225,044		14,225,044	1,750,294		1,750,294	12,474,750		12,474,750
481.1	Commercial	6,801,073		6,801,073	690,193		690,193	6,110,880		6,110,880
481.2	Industrial Firm	1,480,395		1,480,395	105,227		105,227	1,375,168		1,375,168
481.3	Interruptible	1,179,405		1,179,405	38,572		38,572	1,140,833		1,140,833
481.5	Interruptible Incentive	0		0	0		0	0		0
495.20	Unbilled Revenue		1,074,354	1,074,354		74,354	74,354		1,000,000	1,000,000
	<b>Total Sales of Gas</b>	23,685,917	1,074,354	24,760,271	2,584,286	74,354	2,658,640	21,101,630	1,000,000	22,101,631
<b>Transportation Revenue</b>										
489.4	North Mist	1,622,126		1,622,126	0		0	1,622,126		1,622,126
489.12	Industrial Firm	861,297		861,297	112,982		112,982	748,315		748,315
489.13	Interruptible	618,727		618,727	66,593		66,593	552,133		552,133
489.15	Interruptible Incentive	0		0	0		0	0		0
489.3	Agency Fee/Balancing	80,697		80,697	0		0	80,697		80,697
	<b>Total Transportation Revenue</b>	3,182,846	0	3,182,846	179,576	0	179,576	3,003,271	0	3,003,271
495.6	Rate Adjustments - Amortizations	142,122		142,122	(54,433)		(54,433)	196,555		196,555
<b>Miscellaneous Revenues</b>										
487	Late Payment Charge	(81)		(81)	0		0	(81)		(81)
488.0	Seasonal Reconnect Fee	100		100	0		0	100		100
488.0	Delinquent Reconnect Fee	0		0	(800)		(800)	800		800
488.1	Returned Check Charge	6,330		6,330	525		525	5,805		5,805
488.3	Recon Charge CR During Office Hours	180		180	0		0	180		180
488.4	Field Collection Charge	0		0	0		0	0		0
488.5	Recon Charge CR After Office Hours	0		0	0		0	0		0
488.6	Recon Charge Seas During Office Hours	150		150	0		0	150		150
488.7	Recon Charge Seas After Office Hours	0		0	0		0	0		0
488.8	Automated Payment Charge	1,033		1,033	160		160	873		873
493.2	Rent - Utility Property		5,933	5,933		0	0		5,933	5,933
495.1	Meter Rentals	15,528		15,528	1,495		1,495	14,033		14,033
495.2	Other Gas Revenue - Miscellaneous	25,156		25,156	3,316		3,316	21,840		21,840
	<b>Total Miscellaneous Revenues</b>	48,396	5,933	54,328	4,695	0	4,695	43,700	5,933	49,633
	<b>Total Operating Revenue</b>	27,059,281	1,080,287	28,139,568	2,714,124	74,354	2,788,478	24,345,157	1,005,933	25,351,090
<b>Cost of Gas</b>										
804.7	WACOG Incurred	5,930,708		5,930,708	480,756		480,756	5,449,951		5,449,951
805.7	WACOG Deferred	(748,082)		(748,082)	(23,984)		(23,984)	(724,098)		(724,098)
804.6	Demand Incurred	6,214,406		6,214,406	683,585		683,585	5,530,821		5,530,821
805.8	Demand Deferred	(3,929,669)		(3,929,669)	(437,517)		(437,517)	(3,492,152)		(3,492,152)
805.4	Amortization of Gas Costs	590,924		590,924	15,172		15,172	575,752		575,752
	<b>Total Cost of Gas</b>	8,058,287	0	8,058,287	718,012	0	718,012	7,340,276	0	7,340,276
407.03	Environmental Expense			298,105			0			298,105
Detail	Operations & Maintenance	1,157,439	11,821,991	12,979,430	79,578	1,325,113	1,404,691	1,077,861	10,496,878	11,574,739
<b>Other Taxes</b>										
408.11	Property	2,192,315		2,192,315	152,926		152,926	2,039,390		2,039,390
408.12	Franchise	720,424		720,424	110,072		110,072	610,351		610,351
408.13	Payroll		542,395	542,395		55,082	55,082		487,313	487,313
408.14	Other	66,459		66,459	5,628		5,628	60,830		60,830
408.15	Regulatory	0		0	0		0	0		0
	<b>Total Other Taxes</b>	2,979,198	542,395	3,521,592	268,626	55,082	323,708	2,710,571	487,313	3,197,884
403.1	Depreciation		8,526,084	8,526,084		998,404	998,404		7,527,679	7,527,679
<b>Income Taxes</b>										
409.11	Federal Income Taxes			(1,843,210)			(212,449)			(1,630,761)
410.11	Federal Income Taxes - Deferred			1,517,175			0			1,517,175
411.42	Federal Income Tax Credit			(640,411)			(9,334)			(631,077)
409.12	Oregon Income Taxes			(623,575)			0			(623,575)
410.12	Oregon Income Taxes - Deferred			326,865			0			326,865
411.12	Oregon Income Tax Credit			(254,895)			0			(254,895)
	<b>Total Income Taxes</b>			(1,518,051)			(221,783)			(1,296,268)
	<b>Total Operating Revenue Deductions</b>	12,194,924	20,890,469	31,865,448	1,066,216	2,378,599	3,223,033	11,128,708	18,511,870	28,642,415
	<b>Net Operating Income</b>			(3,725,880)			(434,555)			(3,291,325)

September 2020

**NW Natural  
Washington Results of Operations  
Monthly Summary**

	<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
	Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>Rate Base</b>									
<b>101</b>									
<b>Gross Plant</b>			3,213,486,763			373,803,714			2,839,683,049
<b>108.1X</b>			(1,402,917,187)			(148,216,767)			(1,254,700,420)
<b>ADJ</b>			(8,317,820)			(952,390)			(7,365,430)
<b>117.X</b>			25,413,285			2,709,056			22,704,229
<b>186.XX</b>			166,698			18,854			147,844
<b>252.XX</b>			(5,197,343)			(926,663)			(4,270,680)
<b>283.XX</b>			(371,481,945)			(43,871,136)			(327,610,809)
<b>283.XX</b>			(76,658,960)			0			(76,658,960)
<b>Total Rate Base</b>			1,374,493,490			182,564,667			1,191,928,823
<b>Rate Of Return on Rate Base</b>			-0.27%			-0.24%			-0.28%

**September 2020**

**NW Natural**  
**Washington Results of Operations**  
**12 Month Ended Reports**  
**13 Month AMA for Rate Base**  
**Summary**

**Total Operating Revenue**

**Total Rate Base**

**Rate Of Return on Rate Base**

<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
		88,275,977			9,644,629			78,631,349
		1,474,344,570			191,112,287			1,283,232,284
		5.99%			5.05%			6.13%

										September 2020								
										System	System	System	Washington	Washington	Washington	Oregon	Oregon	Oregon
										Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>NW Natural</b>																		
<b>Washington Results of Operations</b>																		
<b>12 Month Ended Reports</b>																		
<b>Acct</b>	<b>Description</b>	<b>Alloc. Ref.</b>																
<b>Sales of Gas</b>																		
480.1	Residential		443,489,518	0	443,489,518	50,621,695	0	50,621,695	392,867,823	0	392,867,823							
481.1	Commercial		195,633,350	0	195,633,350	18,908,829	0	18,908,829	176,724,521	0	176,724,521							
481.2	Industrial Firm		20,518,949	0	20,518,949	1,883,715	0	1,883,715	18,635,234	0	18,635,234							
481.3	Interruptible		17,455,745	0	17,455,745	552,226	0	552,226	16,903,518	0	16,903,518							
481.5	Interruptible Incentive		0	0	0	0	0	0	0	0	0							
495.20	Unbilled Revenue	A	0	(3,505,840)	(3,505,840)	0	(287,725)	(287,725)	0	(3,218,115)	(3,218,115)							
<b>Total Sales of Gas</b>			677,097,561	(3,505,840)	673,591,721	71,966,465	(287,725)	71,678,740	605,131,096	(3,218,115)	601,912,981							
<b>Transportation Revenue</b>																		
489.4	North Mist		14,599,134	0	14,599,134	0	0	0	14,599,134	0	14,599,134							
489.12	Industrial Firm		12,002,131	0	12,002,131	1,540,895	0	1,540,895	10,461,235	0	10,461,235							
489.13	Interruptible		7,917,131	0	7,917,131	751,954	0	751,954	7,165,177	0	7,165,177							
489.15	Interruptible Incentive		0	0	0	0	0	0	0	0	0							
489.3	Agency Fee/Balancing		402,220	0	402,220	0	0	0	402,220	0	402,220							
<b>Total Transportation Revenue</b>			34,920,616	0	34,920,616	2,292,849	0	2,292,849	32,627,767	0	32,627,767							
495.6	Rate Adjustments - Amortizations		1,636,052	0	1,636,052	(2,648,487)	0	(2,648,487)	4,284,539	0	4,284,539							
<b>Miscellaneous Revenues</b>																		
487	Late Payment Charge		1,114,862	0	1,114,862	51,073	0	51,073	1,063,789	0	1,063,789							
488.0	Seasonal Reconnect Fee		9,700	0	9,700	0	0	0	9,700	0	9,700							
488.0	Delinquent Reconnect Fee		156,698	0	156,698	550	0	550	156,148	0	156,148							
488.1	Returned Check Charge		118,379	0	118,379	12,104	0	12,104	106,275	0	106,275							
488.3	Recon Charge CR During Office Hours		124,039	0	124,039	13,105	0	13,105	110,934	0	110,934							
488.4	Field Collection Charge		153,755	0	153,755	13,640	0	13,640	140,115	0	140,115							
488.5	Recon Charge CR After Office Hours		19,470	0	19,470	13,000	0	13,000	6,470	0	6,470							
488.6	Recon Charge Seas During Office Hours		8,110	0	8,110	155	0	155	7,955	0	7,955							
488.7	Recon Charge Seas After Office Hours		1,350	0	1,350	1,150	0	1,150	200	0	200							
488.8	Automated Payment Charge		25,630	0	25,630	3,660	0	3,660	21,970	0	21,970							
493.2	Rent - Utility Property	B	0	99,236	99,236	0	0	0	0	99,236	99,236							
495.1	Meter Rentals		189,053	0	189,053	13,616	0	13,616	175,438	0	175,438							
495.2	Other Gas Revenue - Miscellaneous		353,244	0	353,244	23,456	0	23,456	329,788	0	329,788							
<b>Total Miscellaneous Revenues</b>			2,274,290	99,236	2,373,527	145,509	0	145,509	2,128,782	99,236	2,228,018							
<b>Total Operating Revenue</b>			715,928,519	(3,406,604)	712,521,916	71,756,337	(287,725)	71,468,612	644,172,183	(3,118,879)	641,053,304							
<b>Cost of Gas</b>																		
804.7	WACOG Incurred		173,317,866	0	173,317,866	16,414,446	0	16,414,446	156,903,421	0	156,903,421							
805.7	WACOG Deferred		(1,273,854)	0	(1,273,854)	(500,721)	0	(500,721)	(773,133)	0	(773,133)							
804.6	Demand Incurred		77,616,388	0	77,616,388	8,518,635	0	8,518,635	69,097,753	0	69,097,753							
805.8	Demand Deferred		13,410	0	13,410	(99,689)	0	(99,689)	113,099	0	113,099							
805.4	Amortization of Gas Costs		15,495,944	0	15,495,944	(7,524)	0	(7,524)	15,503,469	0	15,503,469							
<b>Total Cost of Gas</b>			265,169,755	0	265,169,755	24,325,147	0	24,325,147	240,844,608	0	240,844,608							
407.03	Environmental Expense				11,572,729			0			11,572,729							
<b>Detail</b>	<b>Operations &amp; Maintenance</b>	O&M	18,656,962	166,604,546	185,261,508	764,812	18,576,654	19,341,466	17,892,150	148,027,892	165,920,042							
<b>Other Taxes</b>																		
408.11	Property		23,735,703	0	23,735,703	1,636,562	0	1,636,562	22,099,141	0	22,099,141							
408.12	Franchise		17,847,013	0	17,847,013	2,958,383	0	2,958,383	14,888,630	0	14,888,630							
408.13	Payroll	C	0	6,533,543	6,533,543	0	667,823	667,823	0	5,865,719	5,865,719							
408.14	Other		974,892	0	974,892	65,792	0	65,792	909,101	0	909,101							
408.15	Regulatory		2,056,103	0	2,056,103	135,431	0	135,431	1,920,673	0	1,920,673							
<b>Total Other Taxes</b>			44,613,711	6,533,543	51,147,254	4,796,167	667,823	5,463,990	39,817,544	5,865,719	45,683,263							
403.1	Depreciation	D	0	97,461,150	97,461,150	0	11,321,659	11,321,659	0	86,139,491	86,139,491							
<b>Income Taxes</b>																		
409.11	Federal Income Taxes				9,526,857			1,455,731			8,071,126							
410.11	Federal Income Taxes - Deferred				21,139,267			0			21,139,267							
411.42	Federal Income Tax Credit				(22,302,562)			(84,010)			(22,218,552)							
409.12	Oregon Income Taxes				3,076,264			0			3,076,264							
410.12	Oregon Income Taxes - Deferred				6,744,255			0			6,744,255							
411.12	Oregon Income Tax Credit				(4,550,538)			0			(4,550,538)							
<b>Total Income Taxes</b>					13,633,543			1,371,721			12,261,822							
<b>Total Operating Revenue Deductions</b>			328,440,428	270,599,238	624,245,938	29,886,125	30,566,137	61,823,983	298,554,303	240,033,102	562,421,955							
<b>Net Operating Income</b>					88,275,977			9,644,629			78,631,349							



September 2020

**NW Natural**  
**Washington Results of Operations**  
**13 Month AMA Ended Reports**

	<b>System</b>	<b>System</b>	<b>System</b>	<b>Washington</b>	<b>Washington</b>	<b>Washington</b>	<b>Oregon</b>	<b>Oregon</b>	<b>Oregon</b>
	Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
<b>Rate Base</b>									
<b>101</b>		<b>Gross Plant</b>	3,320,857,015			384,415,433			2,936,441,582
<b>108.1X</b>		<b>Accumulated Depreciation</b>	(1,436,895,984)			(153,271,804)			(1,283,624,180)
<b>Adj</b>		<b>Working Capital Allowance</b>	(1,764,913)			(224,630)			(1,540,283)
<b>117.X</b>		<b>Storage Gas - Cushion</b>	25,404,398			2,708,109			22,696,290
<b>186.XX</b>		<b>Leasehold Improvements</b>	21,115,930			2,388,212			18,727,718
<b>252.XX</b>		<b>Customer Contributions</b>	(6,230,971)			(1,031,897)			(5,199,074)
<b>283.XX</b>		<b>Deferred Taxes - Federal</b>	(371,481,945)			(43,871,136)			(327,610,809)
<b>283.XX</b>		<b>Deferred Taxes - State</b>	(76,658,960)			0			(76,658,960)
		<b>Total Rate Base</b>	1,474,344,570			191,112,287			1,283,232,284
		<b>Rate Of Return on Rate Base</b>	5.99%			5.05%			6.13%

**NW Natural**  
**Washington Quarterly Results of Operations Report**  
**Operations and Maintenance Expense: Allocation of System Amounts**  
**For the period ended September 30, 2020**

		<u>System</u>	<u>Washington</u>	<u>Oregon</u>
<b>Natural Gas Storage</b>				
<b>Underground Storage Expense</b>				
<b>Operation</b>				
<b>816</b>	<b>Wells Expense</b>	\$ 20,882	\$ 2,226	\$ 18,656
<b>818</b>	<b>Compressor Station Expense</b>	\$ 1,997	\$ 213	\$ 1,784
<b>819</b>	<b>Compressor Station Fuel</b>	\$ 0	\$ 0	\$ 0
<b>820</b>	<b>Measuring and Regulator Station Expense</b>	\$ 245,844	\$ 26,175	\$ 219,669
<b>821</b>	<b>Purification Expense</b>	\$ 24,794	\$ 2,643	\$ 22,151
				\$ -
<b>Maintenance</b>				
<b>832</b>	<b>Wells Expense</b>	\$ 1,221	\$ 130	\$ 1,091
<b>834</b>	<b>Compressor Expense</b>	\$ 61,622	\$ 6,531	\$ 55,091
	<b>Total Underground Storage Expense</b>	<u>\$ 356,360</u>	<u>\$ 37,918</u>	<u>\$ 318,442</u>
<b>Other Storage Expense</b>				
<b>Operation</b>				
<b>840</b>	<b>Supervision and Engineering</b>	\$ 6,962	\$ 742	\$ 6,219
	<b>Total Other Storage Expense</b>	<u>\$ 6,962</u>	<u>\$ 742</u>	<u>\$ 6,219</u>
<b>Liquified Natural Gas Expense</b>				
<b>Operation</b>				
<b>844</b>	<b>Supervision and Engineering</b>	\$ 192,640	\$ 20,535	\$ 172,105
<b>845</b>	<b>LNG Fuel</b>	\$ -	\$ -	\$ -
<b>Maintenance</b>				
<b>847</b>	<b>Supervision and Engineering</b>	\$ 68,246	\$ 7,275	\$ 60,971
	<b>Total Liquified Natural Gas Expense</b>			
	<b>Total Natural Gas Storage</b>	<u>\$ 260,887</u>	<u>\$ 27,811</u>	<u>\$ 233,076</u>
<b>Transmission Expense</b>				
<b>Operation</b>				
<b>856</b>	<b>Mains Expense</b>	\$ 63,579	\$ 3,658	\$ 59,922
<b>Maintenance</b>				
<b>863</b>	<b>Maintenance of Mains</b>	\$ 875	\$ 92	\$ 783
	<b>Total Transmission Expense</b>	<u>\$ 64,455</u>	<u>\$ 3,750</u>	<u>\$ 60,705</u>
<b>Distribution Expense</b>				
<b>Operation</b>				
<b>870</b>	<b>Supervision and Engineering</b>	\$ 162,764	\$ 12,498	\$ 150,267
<b>874</b>	<b>Mains and Services Expense</b>	\$ 1,090,166	\$ 112,404	\$ 977,761
<b>875</b>	<b>Measuring and Regulator Station Expense - General</b>	\$ 21,608	\$ 2,081	\$ 19,527
<b>877</b>	<b>Measuring and Regulator Station Expense - City Gate</b>	\$ 33,322	\$ 3,076	\$ 30,245
<b>878</b>	<b>Meter and House Regulator Expense</b>	\$ 67,400	\$ 7,607	\$ 59,793
<b>879</b>	<b>Customer Installation Expense</b>	\$ 1,060,425	\$ 119,019	\$ 941,406
<b>880</b>	<b>Other Expense</b>	\$ 95,223	\$ 10,468	\$ 84,755
<b>881</b>	<b>Rents</b>	\$ 17,565	\$ 2,343	\$ 15,222
<b>Maintenance</b>				
<b>885</b>	<b>Supervision and Engineering</b>	\$ 493,284	\$ 51,098	\$ 442,186
<b>887</b>	<b>Mains</b>	\$ 251,388	\$ 14,483	\$ 236,905
<b>889</b>	<b>Measuring and Regulator Station Expense - General</b>	\$ 135,833	\$ 12,257	\$ 123,577
<b>891</b>	<b>Measuring and Regulator Station Expense - City Gate</b>	\$ 20,971	\$ 1,731	\$ 19,240
<b>892</b>	<b>Services</b>	\$ 537,161	\$ 62,718	\$ 474,443
<b>893</b>	<b>Meters and House Regulators</b>	\$ 295,766	\$ 31,609	\$ 264,157
<b>894</b>	<b>Other Equipment</b>	\$ 7,253	\$ 196	\$ 7,057
	<b>Total Distribution Expense</b>	<u>\$ 4,290,127</u>	<u>\$ 443,588</u>	<u>\$ 3,846,540</u>

**NW Natural**  
**Washington Quarterly Results of Operations Report**  
**Operations and Maintenance Expense: Allocation of System Amounts**  
**For the period ended September 30, 2020**

	<u>System</u>	<u>Washington</u>	<u>Oregon</u>
<b>Customer Accounts Expense</b>			
<b>Operation</b>			
901 Supervision	\$ 151,072	\$ 17,192	\$ 133,880
902 Meter Reading Expenses	\$ 74,463	\$ 8,474	\$ 65,989
903 Customer Records and Collection Expense	\$ 1,224,438	\$ 138,070	\$ 1,086,368
904 Uncollectible Accounts	\$ (545,296)	\$ (62,200)	\$ (483,096)
<b>Total Customer Accounts Expense</b>	<b>\$ 904,677</b>	<b>\$ 101,536</b>	<b>\$ 803,141</b>
<b>Customer Service and Informational</b>			
<b>Operation</b>			
907 Supervision	\$ -	\$ -	\$ -
908 Customer Assistance Expense	\$ 253,504	\$ 28,512	\$ 224,992
909 Customer Information Expense	\$ 199,415	\$ 22,693	\$ 176,722
910 Miscellaneous Customer Service Expense	\$ 13,622	\$ 1,564	\$ 12,058
<b>Total Customer Service and Informational</b>	<b>\$ 466,541</b>	<b>\$ 52,769</b>	<b>\$ 413,771</b>
<b>Sales Expense</b>			
<b>Operation</b>			
911 Supervision	\$ 8,724	\$ 993	\$ 7,732
912 Demonstration and Selling Expense	\$ 149,701	\$ 15,715	\$ 133,986
913 Advertising	\$ 70,548	\$ 8,027	\$ 62,521
916 Miscellaneous Sales Expense	\$ -	\$ -	\$ -
<b>Total Sales Expense</b>	<b>\$ 228,973</b>	<b>\$ 24,734</b>	<b>\$ 204,239</b>
<b>Administrative and General Expense</b>			
<b>Operation</b>			
921 Office Supplies and Expense	\$ 4,896,873	\$ 587,645	\$ 4,309,227
922 Administrative Expenses Transferred - Credit	\$ (2,045,708)	\$ (231,385)	\$ (1,814,322)
924 Property Insurance Premium	\$ 301,826	\$ 34,137	\$ 267,689
925 Injuries and Damages	\$ 108,377	\$ 12,257	\$ 96,120
926 Employee Pensions and Benefits	\$ 2,323,143	\$ 218,846	\$ 2,104,297
928 Regulatory Commission Expense	\$ -	\$ -	\$ -
930 Miscellaneous General Expense	\$ 84,350	\$ 9,844	\$ 74,506
931 Rents	\$ 461,729	\$ 51,908	\$ 409,821
<b>Maintenance</b>			
935 Maintenance of General Plant	\$ 269,858	\$ 28,591	\$ 241,267
<b>Total Administrative and General Expense</b>	<b>\$ 6,400,449</b>	<b>\$ 711,844</b>	<b>\$ 5,688,605</b>
<b>Total Operations and Maintenance Expense</b>	<b>\$ 12,979,430</b>	<b>\$ 1,404,691</b>	<b>\$ 11,574,739</b>



**NW Natural**  
**Rates & regulatory Affairs**  
**Operations and Maintenance Expenses**  
**State Allocation of System Accounts**  
**For the period ended September 30, 2020**

FERC Description	Allocation Method	System			Washington			Oregon		
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
Customers-All Total		\$ -	\$ 65,511.65	\$ 65,511.65	\$ -	\$ 7,455.23	\$ 7,455.23	\$ -	\$ 58,056.42	\$ 58,056.42
Customers-Ind Total		\$ -	\$ 1,607.21	\$ 1,607.21	\$ -	\$ 125.68	\$ 125.68	\$ -	\$ 1,481.53	\$ 1,481.53
Customers-Res Total		\$ -	\$ 69.84	\$ 69.84	\$ -	\$ 8.02	\$ 8.02	\$ -	\$ 61.82	\$ 61.82
Direct-OR Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Employee Cost Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Perimeter Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sendout Volumes Total		\$ -	\$ 211.07	\$ 211.07	\$ -	\$ 18.15	\$ 18.15	\$ -	\$ 192.92	\$ 192.92
<b>878 Meter and House Regulator Expense Total</b>		\$ -	\$ <b>67,399.77</b>	\$ <b>67,399.77</b>	\$ -	\$ <b>7,607.08</b>	\$ <b>7,607.08</b>	\$ -	\$ <b>59,792.69</b>	\$ <b>59,792.69</b>
3-factor Total		\$ -	\$ 21,081.26	\$ 21,081.26	\$ -	\$ 2,384.29	\$ 2,384.29	\$ -	\$ 18,696.97	\$ 18,696.97
Customers-All Total		\$ -	\$ 1,009,663.04	\$ 1,009,663.04	\$ -	\$ 114,899.65	\$ 114,899.65	\$ -	\$ 894,763.39	\$ 894,763.39
Customers-Res Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct-OR Total		\$ 21,727.23	\$ -	\$ 21,727.23	\$ -	\$ -	\$ -	\$ 21,727.23	\$ -	\$ 21,727.23
Direct-WA Total		\$ 1,198.39	\$ -	\$ 1,198.39	\$ 1,198.39	\$ -	\$ 1,198.39	\$ -	\$ -	\$ -
Employee Cost Total		\$ -	\$ 2,767.94	\$ 2,767.94	\$ -	\$ 287.10	\$ 287.10	\$ -	\$ 2,480.84	\$ 2,480.84
Perimeter Total		\$ -	\$ 3,986.79	\$ 3,986.79	\$ -	\$ 249.17	\$ 249.17	\$ -	\$ 3,737.62	\$ 3,737.62
<b>879 Customer Installation Expense Total</b>		\$ <b>22,925.62</b>	\$ <b>1,037,499.03</b>	\$ <b>1,060,424.65</b>	\$ <b>1,198.39</b>	\$ <b>117,820.22</b>	\$ <b>119,018.61</b>	\$ <b>21,727.23</b>	\$ <b>919,678.81</b>	\$ <b>941,406.04</b>
3-factor Total		\$ -	\$ (26,665.75)	\$ (26,665.75)	\$ -	\$ (3,015.90)	\$ (3,015.90)	\$ -	\$ (23,649.85)	\$ (23,649.85)
Customers-All Total		\$ -	\$ 87,957.52	\$ 87,957.52	\$ -	\$ 10,009.57	\$ 10,009.57	\$ -	\$ 77,947.95	\$ 77,947.95
Customers-Ind Total		\$ -	\$ 61.15	\$ 61.15	\$ -	\$ 4.78	\$ 4.78	\$ -	\$ 56.37	\$ 56.37
Direct-OR Total		\$ (2,420.52)	\$ -	\$ (2,420.52)	\$ -	\$ -	\$ -	\$ (2,420.52)	\$ -	\$ (2,420.52)
Direct-WA Total		\$ 389.31	\$ -	\$ 389.31	\$ 389.31	\$ -	\$ 389.31	\$ -	\$ -	\$ -
Perimeter Total		\$ -	\$ 314.52	\$ 314.52	\$ -	\$ 19.66	\$ 19.66	\$ -	\$ 294.86	\$ 294.86
Sendout Volumes Total		\$ -	\$ 35,586.54	\$ 35,586.54	\$ -	\$ 3,060.44	\$ 3,060.44	\$ -	\$ 32,526.10	\$ 32,526.10
Transmission Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>880 Other Expense Total</b>		\$ <b>(2,031.21)</b>	\$ <b>97,253.98</b>	\$ <b>95,222.77</b>	\$ <b>389.31</b>	\$ <b>10,078.55</b>	\$ <b>10,467.86</b>	\$ <b>(2,420.52)</b>	\$ <b>87,175.43</b>	\$ <b>84,754.91</b>
3-factor Total		\$ -	\$ 15,006.46	\$ 15,006.46	\$ -	\$ 1,697.23	\$ 1,697.23	\$ -	\$ 13,309.23	\$ 13,309.23
Customers-The Dalles Total		\$ -	\$ 2,558.99	\$ 2,558.99	\$ -	\$ 646.14	\$ 646.14	\$ -	\$ 1,912.85	\$ 1,912.85
<b>881 Rents Total</b>		\$ -	\$ <b>17,565.45</b>	\$ <b>17,565.45</b>	\$ -	\$ <b>2,343.38</b>	\$ <b>2,343.38</b>	\$ -	\$ <b>15,222.07</b>	\$ <b>15,222.07</b>
3-factor Total		\$ -	\$ 172,942.12	\$ 172,942.12	\$ -	\$ 19,559.75	\$ 19,559.75	\$ -	\$ 153,382.37	\$ 153,382.37
Customers-All Total		\$ -	\$ (952.92)	\$ (952.92)	\$ -	\$ (108.44)	\$ (108.44)	\$ -	\$ (844.48)	\$ (844.48)
Direct-OR Total		\$ 241,105.97	\$ -	\$ 241,105.97	\$ -	\$ -	\$ -	\$ 241,105.97	\$ -	\$ 241,105.97
Direct-WA Total		\$ 28,381.04	\$ -	\$ 28,381.04	\$ 28,381.04	\$ -	\$ 28,381.04	\$ -	\$ -	\$ -
Employee Cost Total		\$ -	\$ 154.99	\$ 154.99	\$ -	\$ 16.08	\$ 16.08	\$ -	\$ 138.91	\$ 138.91
Firm Sales Volumes Total		\$ -	\$ 18,568.28	\$ 18,568.28	\$ -	\$ 1,979.38	\$ 1,979.38	\$ -	\$ 16,588.90	\$ 16,588.90
Perimeter Total		\$ -	\$ 17,247.73	\$ 17,247.73	\$ -	\$ 1,077.98	\$ 1,077.98	\$ -	\$ 16,169.75	\$ 16,169.75
Sendout Volumes Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission Total		\$ -	\$ 15,836.54	\$ 15,836.54	\$ -	\$ 191.73	\$ 191.73	\$ -	\$ 15,644.81	\$ 15,644.81
<b>885 Supervision and Engineering Total</b>		\$ <b>269,487.01</b>	\$ <b>223,796.74</b>	\$ <b>493,283.75</b>	\$ <b>28,381.04</b>	\$ <b>22,716.48</b>	\$ <b>51,097.52</b>	\$ <b>241,105.97</b>	\$ <b>201,080.26</b>	\$ <b>442,186.23</b>
3-factor Total		\$ -	\$ 1,953.46	\$ 1,953.46	\$ -	\$ 220.94	\$ 220.94	\$ -	\$ 1,732.52	\$ 1,732.52
Direct-OR Total		\$ 225,420.71	\$ -	\$ 225,420.71	\$ -	\$ -	\$ -	\$ 225,420.71	\$ -	\$ 225,420.71
Direct-WA Total		\$ 13,914.89	\$ -	\$ 13,914.89	\$ 13,914.89	\$ -	\$ 13,914.89	\$ -	\$ -	\$ -
Employee Cost Total		\$ -	\$ 250.00	\$ 250.00	\$ -	\$ 25.93	\$ 25.93	\$ -	\$ 224.07	\$ 224.07
Perimeter Total		\$ -	\$ 3,859.94	\$ 3,859.94	\$ -	\$ 241.25	\$ 241.25	\$ -	\$ 3,618.69	\$ 3,618.69
Sendout Volumes Total		\$ -	\$ 106.53	\$ 106.53	\$ -	\$ 9.16	\$ 9.16	\$ -	\$ 97.37	\$ 97.37
Transmission Total		\$ -	\$ 5,882.66	\$ 5,882.66	\$ -	\$ 71.22	\$ 71.22	\$ -	\$ 5,811.44	\$ 5,811.44
<b>887 Mains Total</b>		\$ <b>239,335.60</b>	\$ <b>12,052.59</b>	\$ <b>251,388.19</b>	\$ <b>13,914.89</b>	\$ <b>568.49</b>	\$ <b>14,483.38</b>	\$ <b>225,420.71</b>	\$ <b>11,484.10</b>	\$ <b>236,904.81</b>
3-factor Total		\$ -	\$ 1,780.47	\$ 1,780.47	\$ -	\$ 201.37	\$ 201.37	\$ -	\$ 1,579.10	\$ 1,579.10
Customers-All Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct-OR Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sendout Volumes Total		\$ -	\$ 119,600.65	\$ 119,600.65	\$ -	\$ 10,285.66	\$ 10,285.66	\$ -	\$ 109,314.99	\$ 109,314.99
Telemetry Total		\$ -	\$ 14,452.24	\$ 14,452.24	\$ -	\$ 1,769.66	\$ 1,769.66	\$ -	\$ 12,682.58	\$ 12,682.58
Transmission Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>889 Measuring and Regulator Station Expense - General Total</b>		\$ -	\$ <b>135,833.36</b>	\$ <b>135,833.36</b>	\$ -	\$ <b>12,256.69</b>	\$ <b>12,256.69</b>	\$ -	\$ <b>123,576.67</b>	\$ <b>123,576.67</b>
3-factor Total		\$ -	\$ 986.73	\$ 986.73	\$ -	\$ 111.60	\$ 111.60	\$ -	\$ 875.13	\$ 875.13
Customers-All Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Direct-OR Total		\$ 1,151.94	\$ -	\$ 1,151.94	\$ -	\$ -	\$ -	\$ 1,151.94	\$ -	\$ 1,151.94
Firm Sales Volumes Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sendout Volumes Total		\$ -	\$ 18,832.02	\$ 18,832.02	\$ -	\$ 1,619.55	\$ 1,619.55	\$ -	\$ 17,212.47	\$ 17,212.47
Transmission Total		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>891 Measuring and Regulator Station Expense - City Gate Total</b>		\$ <b>1,151.94</b>	\$ <b>19,818.75</b>	\$ <b>20,970.69</b>	\$ -	\$ <b>1,731.15</b>	\$ <b>1,731.15</b>	\$ <b>1,151.94</b>	\$ <b>18,087.60</b>	\$ <b>19,239.54</b>
3-factor Total		\$ -	\$ 438,318.26	\$ 438,318.26	\$ -	\$ 49,573.80	\$ 49,573.80	\$ -	\$ 388,744.46	\$ 388,744.46



**NW Natural**  
**Rates & regulatory Affairs**  
**Operations and Maintenance Expenses**  
**State Allocation of System Accounts**  
**For the period ended September 30, 2020**

FERC Description	Allocation Method	System			Washington			Oregon		
		Direct	Allocated	Total	Direct	Allocated	Total	Direct	Allocated	Total
	Employee Cost Total	\$ -	\$ 170.00	\$ 170.00	\$ -	\$ 17.63	\$ 17.63	\$ -	\$ 152.37	\$ 152.37
<b>913 Advertising Total</b>		\$ -	\$ <b>70,548.03</b>	\$ <b>70,548.03</b>	\$ -	\$ <b>8,026.65</b>	\$ <b>8,026.65</b>	\$ -	\$ <b>62,521.38</b>	\$ <b>62,521.38</b>
	3-factor Total	\$ -	\$ 4,801,492.82	\$ 4,801,492.82	\$ -	\$ 543,048.84	\$ 543,048.84	\$ -	\$ 4,258,443.98	\$ 4,258,443.98
	Customers-All Total	\$ -	\$ 204,842.80	\$ 204,842.80	\$ -	\$ 23,311.11	\$ 23,311.11	\$ -	\$ 181,531.69	\$ 181,531.69
	Customers-Ind Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Customers-Res Total	\$ -	\$ 13,485.06	\$ 13,485.06	\$ -	\$ 1,548.08	\$ 1,548.08	\$ -	\$ 11,936.98	\$ 11,936.98
	Direct-OR Total	\$ 18,576.14	\$ -	\$ 18,576.14	\$ -	\$ -	\$ -	\$ 18,576.14	\$ -	\$ 18,576.14
	Employee Cost Total	\$ -	\$ (316,904.06)	\$ (316,904.06)	\$ -	\$ (32,870.26)	\$ (32,870.26)	\$ -	\$ (284,033.80)	\$ (284,033.80)
	Environmental Admin Costs Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Firm Sales Volumes Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Regulatory Total	\$ -	\$ 175,350.32	\$ 175,350.32	\$ -	\$ 52,605.10	\$ 52,605.10	\$ -	\$ 122,745.22	\$ 122,745.22
	Sales Volumes Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Sendout Volumes Total	\$ -	\$ 29.61	\$ 29.61	\$ -	\$ 2.55	\$ 2.55	\$ -	\$ 27.06	\$ 27.06
<b>921 Office Supplies and Expense Total</b>		\$ <b>18,576.14</b>	\$ <b>4,878,296.55</b>	\$ <b>4,896,872.69</b>	\$ -	\$ <b>587,645.42</b>	\$ <b>587,645.42</b>	\$ <b>18,576.14</b>	\$ <b>4,290,651.13</b>	\$ <b>4,309,227.27</b>
	3-factor Total	\$ -	\$ (51,502.19)	\$ (51,502.19)	\$ -	\$ (5,824.90)	\$ (5,824.90)	\$ -	\$ (45,677.29)	\$ (45,677.29)
	Admin Tran Total	\$ -	\$ (1,451,810.69)	\$ (1,451,810.69)	\$ -	\$ (169,301.67)	\$ (169,301.67)	\$ -	\$ (1,282,509.02)	\$ (1,282,509.02)
	Employee Cost Total	\$ -	\$ (542,394.75)	\$ (542,394.75)	\$ -	\$ (56,258.84)	\$ (56,258.84)	\$ -	\$ (486,135.91)	\$ (486,135.91)
<b>922 Administrative Expenses Transferred - Credit Total</b>		\$ -	\$ <b>(2,045,707.63)</b>	\$ <b>(2,045,707.63)</b>	\$ -	\$ <b>(231,385.41)</b>	\$ <b>(231,385.41)</b>	\$ -	\$ <b>(1,814,322.22)</b>	\$ <b>(1,814,322.22)</b>
	3-factor Total	\$ -	\$ 301,825.86	\$ 301,825.86	\$ -	\$ 34,136.50	\$ 34,136.50	\$ -	\$ 267,689.36	\$ 267,689.36
<b>924 Property Insurance Premium Total</b>		\$ -	\$ <b>301,825.86</b>	\$ <b>301,825.86</b>	\$ -	\$ <b>34,136.50</b>	\$ <b>34,136.50</b>	\$ -	\$ <b>267,689.36</b>	\$ <b>267,689.36</b>
	3-factor Total	\$ -	\$ 108,377.30	\$ 108,377.30	\$ -	\$ 12,257.47	\$ 12,257.47	\$ -	\$ 96,119.83	\$ 96,119.83
<b>925 Injuries and Damages Total</b>		\$ -	\$ <b>108,377.30</b>	\$ <b>108,377.30</b>	\$ -	\$ <b>12,257.47</b>	\$ <b>12,257.47</b>	\$ -	\$ <b>96,119.83</b>	\$ <b>96,119.83</b>
	3-factor Total	\$ -	\$ 221,570.26	\$ 221,570.26	\$ -	\$ 25,059.60	\$ 25,059.60	\$ -	\$ 196,510.66	\$ 196,510.66
	Customers-All Total	\$ -	\$ 84.81	\$ 84.81	\$ -	\$ 9.65	\$ 9.65	\$ -	\$ 75.16	\$ 75.16
	Direct-OR Total	\$ 232,608.00	\$ -	\$ 232,608.00	\$ -	\$ -	\$ -	\$ 232,608.00	\$ -	\$ 232,608.00
	Employee Cost Total	\$ -	\$ 1,868,126.15	\$ 1,868,126.15	\$ -	\$ 193,767.76	\$ 193,767.76	\$ -	\$ 1,674,358.39	\$ 1,674,358.39
	Transmission Total	\$ -	\$ 754.00	\$ 754.00	\$ -	\$ 9.13	\$ 9.13	\$ -	\$ 744.87	\$ 744.87
<b>926 Employee Pensions and Benefits Total</b>		\$ <b>232,608.00</b>	\$ <b>2,090,535.22</b>	\$ <b>2,323,143.22</b>	\$ -	\$ <b>218,846.13</b>	\$ <b>218,846.13</b>	\$ <b>232,608.00</b>	\$ <b>1,871,689.09</b>	\$ <b>2,104,297.09</b>
	3-factor Total	\$ -	\$ 21,106.96	\$ 21,106.96	\$ -	\$ 2,387.20	\$ 2,387.20	\$ -	\$ 18,719.76	\$ 18,719.76
	Admin Tran Total	\$ -	\$ 92,349.59	\$ 92,349.59	\$ -	\$ 10,769.27	\$ 10,769.27	\$ -	\$ 81,580.32	\$ 81,580.32
	Customers-All Total	\$ -	\$ (29,106.12)	\$ (29,106.12)	\$ -	\$ (3,312.28)	\$ (3,312.28)	\$ -	\$ (25,793.84)	\$ (25,793.84)
<b>930 Miscellaneous General Expense Total</b>		\$ -	\$ <b>84,350.43</b>	\$ <b>84,350.43</b>	\$ -	\$ <b>9,844.19</b>	\$ <b>9,844.19</b>	\$ -	\$ <b>74,506.24</b>	\$ <b>74,506.24</b>
	3-factor Total	\$ -	\$ 456,188.52	\$ 456,188.52	\$ -	\$ 51,594.92	\$ 51,594.92	\$ -	\$ 404,593.60	\$ 404,593.60
	Customers-All Total	\$ -	\$ 2,755.20	\$ 2,755.20	\$ -	\$ 313.54	\$ 313.54	\$ -	\$ 2,441.66	\$ 2,441.66
	Direct-OR Total	\$ 2,785.45	\$ -	\$ 2,785.45	\$ -	\$ -	\$ -	\$ 2,785.45	\$ -	\$ 2,785.45
<b>931 Rents Total</b>		\$ <b>2,785.45</b>	\$ <b>458,943.72</b>	\$ <b>461,729.17</b>	\$ -	\$ <b>51,908.46</b>	\$ <b>51,908.46</b>	\$ <b>2,785.45</b>	\$ <b>407,035.26</b>	\$ <b>409,820.71</b>
	3-factor Total	\$ -	\$ 284,772.51	\$ 284,772.51	\$ -	\$ 32,207.77	\$ 32,207.77	\$ -	\$ 252,564.74	\$ 252,564.74
	Customers-All Total	\$ -	\$ (75,173.95)	\$ (75,173.95)	\$ -	\$ (8,554.80)	\$ (8,554.80)	\$ -	\$ (66,619.15)	\$ (66,619.15)
	Customers-The Dalles Total	\$ -	\$ 1,187.05	\$ 1,187.05	\$ -	\$ 299.73	\$ 299.73	\$ -	\$ 887.32	\$ 887.32
	Direct-OR Total	\$ 46,022.01	\$ -	\$ 46,022.01	\$ -	\$ -	\$ -	\$ 46,022.01	\$ -	\$ 46,022.01
	Direct-WA Total	\$ 3,781.89	\$ -	\$ 3,781.89	\$ 3,781.89	\$ -	\$ -	\$ -	\$ -	\$ -
	Firm Sales Volumes Total	\$ -	\$ 2,889.78	\$ 2,889.78	\$ -	\$ 308.05	\$ 308.05	\$ -	\$ 2,581.73	\$ 2,581.73
	Sendout Volumes Total	\$ -	\$ 6,378.71	\$ 6,378.71	\$ -	\$ 548.57	\$ 548.57	\$ -	\$ 5,830.14	\$ 5,830.14
	Transmission Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>935 Maintenance of General Plant Total</b>		\$ <b>49,803.90</b>	\$ <b>220,054.10</b>	\$ <b>269,858.00</b>	\$ <b>3,781.89</b>	\$ <b>24,809.33</b>	\$ <b>28,591.22</b>	\$ <b>46,022.01</b>	\$ <b>195,244.77</b>	\$ <b>241,266.78</b>
<b>Grand Total</b>		\$ <b>1,157,438.89</b>	\$ <b>11,821,991.12</b>	\$ <b>12,979,430.01</b>	\$ <b>79,578.30</b>	\$ <b>1,325,112.93</b>	\$ <b>1,404,691.23</b>	\$ <b>1,077,860.59</b>	\$ <b>10,496,878.19</b>	\$ <b>11,574,738.78</b>

# **Rate Base and Allocation Factors**



<b>Allocation Factors - Summary</b>	<b>Washington</b>	<b>Oregon</b>
<b>Customers-all</b>	11.380%	88.620%
<b>Customers-Residential</b>	11.480%	88.520%
<b>Customers-Commercial</b>	10.440%	89.560%
<b>Customers-Industrial</b>	7.820%	92.180%
<b>Customers-The Dalles</b>	25.250%	74.750%
<b>3-factor</b>	11.310%	88.690%
<b>firm volumes</b>	10.660%	89.340%
<b>sales volumes</b>	10.200%	89.800%
<b>sendout volumes</b>	8.600%	91.400%
<b>sales/sendout volumes</b>	9.400%	90.600%
<b>Customers Portland/Vancouver</b>	15.600%	84.400%
<b>Customers Portland/Vancouver 80%</b>	12.480%	87.520%
<b>Customers Portland/Vancouver Commercial</b>	15.490%	84.510%
<b>Payroll</b>	10.155%	89.845%
<b>Admin Transfer</b>	11.661%	88.339%
<b>Employee Cost</b>	10.372%	89.628%
<b>Regulatory</b>	30.000%	70.000%
<b>Telemetry</b>	12.245%	87.755%
<b>Direct-Wa</b>	100.000%	0.000%
<b>Direct-Or</b>	0.000%	100.000%
<b>Gross plant direct assign</b>	11.960%	88.040%
<b>Depreciation</b>	11.710%	88.290%
<b>Rate Base</b>	13.860%	86.140%

NW Natural  
State Allocation Factors  
Updated for year ended 2019 data

	System	Washington	Oregon
<b>Customers</b>			
<b>Total Customers</b>			
December 2019	762,884	87,504	675,380
December 2018	750,421	84,650	665,771
Average	756,653	86,077	670,576
% of System		11.38%	88.62%
<b>Residential Customers</b>			
December 2019	692,012	80,116	611,896
December 2018	680,134	77,357	602,777
Average	686,073	78,737	607,337
% of System		11.48%	88.52%
<b>Commercial Customers</b>			
December 2019	69,858	7,308	62,550
December 2018	69,259	7,213	62,046
Average	69,559	7,261	62,298
% of System		10.44%	89.56%
<b>Industrial Customers</b>			
December 2019	1,014	80	934
December 2018	1,031	80	951
Average	1,023	80	943
% of System		7.82%	92.18%
<b>The Dalles</b>			
December 2019	8,460	2,133	6,327
December 2018	8,318	2,103	6,215
Average	8,389	2,118	6,271
% of System		25.25%	74.75%
<b>Portland / Vancouver</b>			
December 2019	542,524	85,371	457,153
December 2018	533,590	82,547	451,043
Average	538,057	83,959	454,098
% of System		15.60%	84.40%
<b>Portland / Vancouver Commercial</b>			
December 2019	45,728	7,088	38,640
December 2018	45,199	6,997	38,202
Average	45,464	7,043	38,421
% of System		15.49%	84.51%
<b>Volumes - 12 Months Ended 12/31/19</b>			
<b>Firm Delivered</b>	772,781,756	82,415,513	690,366,243
% of System		10.66%	89.34%
<b>Sales Volumes</b>	820,247,693	83,688,576	736,559,117
% of System		10.20%	89.80%
<b>Sendout Volumes</b>	1,215,153,606	104,508,093	1,110,645,513
% of System		8.60%	91.40%
<b>3-factor formula (simple average)</b>			
Gross Plant Directly Assigned		11.96%	88.04%
Number of Employees Directly Assigned		10.59%	89.41%
Number of Customers		11.38%	88.62%
Average		11.31%	88.69%
<b>Derivation of factor for 3-factor - Gross Plant Directly Assigned</b>			
<b>December 31, 2019</b>	<b>System</b>	<b>Washington</b>	<b>Oregon</b>
Intangible - Other	84,795	447	84,348
Production	675,198	0	675,198
Transmission	192,013,583	1,115,001	190,898,582
Distribution	2,373,283,800	305,117,836	2,068,165,964
<b>December 31, 2018</b>	<b>System</b>	<b>Washington</b>	<b>Oregon</b>
Intangible	84,795	447	84,348
Production	675,198	0	675,198
Transmission	182,352,775	1,115,001	181,237,774
Distribution	2,264,986,007	292,211,686	1,972,774,321
<b>Average</b>	<b>System</b>	<b>Washington</b>	<b>Oregon</b>
Intangible - Other	84,795	447	84,348
Production	675,198	0	675,198
Transmission	187,183,179	1,115,001	186,068,178
Distribution	2,319,134,903	298,664,761	2,020,470,142
<b>Gross Plant Directly Assigned</b>	2,507,078,076	299,780,209	2,207,297,867
% of System		11.96%	88.04%

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Rate Base (Less Gas Reserves)**

	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September
<b>SYSTEM</b>	<b>System</b>	<b>System</b>	<b>System</b>	<b>System</b>	<b>System</b>	<b>System</b>	<b>System</b>	<b>System</b>	<b>System</b>
<b>Gross Plant</b>									
<b>Intangible</b>	126,361,928	126,902,292	127,269,224	128,070,084	142,483,946	142,561,912	142,850,694	143,502,504	148,078,451
<b>Software</b>	84,795	84,795	84,795	84,795	84,795	84,795	84,795	84,795	84,795
<b>Other</b>	675,198	675,198	675,198	675,198	675,198	675,198	675,198	675,198	675,198
<b>Production</b>	192,106,204	192,161,416	192,375,287	192,371,066	192,536,004	192,560,956	192,784,607	192,809,906	194,512,129
<b>Transmission</b>	2,382,356,019	2,388,897,736	2,401,160,967	2,406,620,571	2,417,848,886	2,427,637,709	2,433,654,068	2,444,067,223	2,453,023,844
<b>Distribution</b>	246,500,038	248,093,184	257,398,924	262,077,420	267,904,801	272,958,977	273,448,944	274,138,719	277,671,859
<b>General</b>									
<b>Storage and storage transmission</b>	338,721,539	338,714,043	339,293,940	339,301,387	341,466,981	341,483,442	341,577,205	341,578,124	341,578,135
<b>CNG and LNG</b>	3,790,768	3,790,768	3,790,768	3,790,768	3,790,768	3,790,768	3,790,768	3,790,768	3,790,768
<b>Total Gross Plant</b>	3,290,596,490	3,299,319,433	3,322,049,103	3,332,991,289	3,366,791,380	3,381,753,757	3,388,866,280	3,400,647,238	3,419,415,180
<b>Accumulated Depreciation</b>									
<b>Intangible</b>	(72,842,194)	(73,357,372)	(73,875,107)	(74,396,154)	(74,960,175)	(74,891,941)	(75,513,964)	(76,136,297)	(76,778,333)
<b>Production</b>	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)
<b>Transmission</b>	(44,464,096)	(44,762,261)	(45,060,633)	(45,359,171)	(45,657,832)	(45,956,645)	(46,255,650)	(46,554,850)	(46,855,405)
<b>Distribution</b>	(1,089,103,715)	(1,092,819,126)	(1,096,280,839)	(1,099,277,957)	(1,102,803,754)	(1,105,745,924)	(1,107,580,268)	(1,111,538,084)	(1,114,283,725)
<b>General</b>	(65,263,476)	(66,672,450)	(67,851,871)	(69,056,178)	(70,436,192)	(71,725,022)	(73,208,528)	(74,518,352)	(75,829,697)
<b>Storage and storage transmission</b>	(150,166,871)	(150,726,650)	(151,286,713)	(151,847,181)	(152,409,565)	(152,973,977)	(153,538,672)	(154,102,993)	(154,667,557)
<b>CNG and LNG</b>	(2,258,112)	(2,264,774)	(2,271,436)	(2,278,098)	(2,284,760)	(2,291,422)	(2,298,084)	(2,304,746)	(2,311,408)
<b>Total Accumulated Depreciation</b>	(1,424,789,500)	(1,431,293,668)	(1,437,317,635)	(1,442,905,774)	(1,449,243,315)	(1,454,275,966)	(1,459,086,202)	(1,465,846,358)	(1,471,417,161)
<b>Storage Gas</b>	25,407,855	25,406,245	25,404,862	25,403,273	25,401,523	25,399,551	25,397,650	25,395,725	25,393,802
<b>Customer Contributions</b>	(7,532,633)	(7,655,812)	(5,635,851)	(5,756,413)	(5,848,989)	(6,008,002)	(6,138,375)	(6,309,949)	(6,434,528)
<b>Leasehold Improvements</b>	27,497,733	28,885,297	29,561,221	29,835,735	30,371,396	30,344,616	30,511,591	30,443,842	30,243,636
<b>Total Rate Base Excluding ADIT and WC</b>	1,911,179,944	1,914,661,495	1,934,061,701	1,939,568,109	1,967,471,995	1,977,213,956	1,979,550,945	1,984,330,499	1,997,200,928
<b>Less: ADIT</b>	(446,675,980)	(450,285,076)	(451,471,550)	(452,433,249)	(445,897,836)	(446,173,271)	(446,128,595)	(446,125,860)	(446,257,902)
<b>Total System Rate Base Less Working Capital</b>	1,464,503,964	1,464,376,418	1,482,590,151	1,487,134,860	1,521,574,159	1,531,040,684	1,533,422,350	1,538,204,638	1,550,943,026
<b>Add: Working Capital</b>	(7,327,595)	(6,857,919)	(239,508)	5,923,167	5,083,476	4,730,142	4,106,987	3,163,506	2,170,801
<b>Total System Rate Base (Less Gas Reserves)</b>	<b>1,457,176,369</b>	<b>1,457,518,499</b>	<b>1,482,350,643</b>	<b>1,493,058,027</b>	<b>1,526,657,635</b>	<b>1,535,770,826</b>	<b>1,537,529,337</b>	<b>1,541,368,144</b>	<b>1,553,113,827</b>

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Rate Base (Less Gas Reserves)**

<b>OREGON</b>		2020	2020	2020	2020	2020	2020	2020	2020	2020
		January	February	March	April	May	June	July	August	September
<b>Gross Plant</b>		OREGON	OREGON	OREGON	OREGON	OREGON	OREGON	OREGON	OREGON	OREGON
<b>Intangible</b>	<b>Software</b>	111,981,941	112,460,811	112,785,987	113,495,708	126,269,273	126,338,367	126,594,285	127,171,919	131,227,123
	<b>Other</b>	84,348	84,348	84,348	84,348	84,348	84,348	84,348	84,348	84,348
<b>Production</b>		675,198	675,198	675,198	675,198	675,198	675,198	675,198	675,198	675,198
<b>Transmission</b>		190,991,202	191,046,214	191,260,085	191,255,864	191,420,370	191,445,322	191,668,973	191,694,272	193,396,495
<b>Distribution</b>		2,076,214,154	2,081,909,957	2,092,881,809	2,097,914,205	2,108,484,482	2,117,254,449	2,122,343,243	2,131,587,708	2,139,814,888
<b>General</b>		220,330,149	221,743,306	230,005,842	234,156,527	239,324,814	243,765,088	244,199,514	244,813,582	247,946,919
<b>Storage and storage transmission</b>		306,131,623	306,124,926	306,643,006	306,649,659	308,584,401	308,599,107	308,682,875	308,683,696	308,683,706
<b>CNG and LNG</b>		3,362,033	3,362,033	3,362,033	3,362,033	3,362,033	3,362,033	3,362,033	3,362,033	3,362,033
<b>Total Gross Plant</b>		2,909,770,648	2,917,406,794	2,937,698,308	2,947,593,541	2,978,204,918	2,991,523,910	2,997,610,469	3,008,072,756	3,025,190,709
<b>Accumulated Depreciation</b>										
<b>Intangible</b>		(64,552,752)	(65,009,303)	(65,468,120)	(65,929,871)	(66,429,707)	(66,369,238)	(66,920,475)	(67,471,986)	(68,040,958)
<b>Production</b>		(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)	(691,036)
<b>Transmission</b>		(44,270,790)	(44,567,208)	(44,863,833)	(45,160,623)	(45,457,537)	(45,754,602)	(46,051,859)	(46,349,312)	(46,648,119)
<b>Distribution</b>		(967,895,077)	(971,054,545)	(974,029,611)	(976,564,751)	(979,605,111)	(982,048,489)	(983,459,484)	(986,842,590)	(989,201,930)
<b>General</b>		(58,270,218)	(59,524,060)	(60,574,321)	(61,646,662)	(62,874,839)	(64,016,928)	(65,336,895)	(66,502,825)	(67,670,108)
<b>Storage and storage transmission</b>		(135,120,148)	(135,624,568)	(136,129,241)	(136,634,276)	(137,141,023)	(137,649,582)	(138,158,393)	(138,666,871)	(139,175,566)
<b>CNG and LNG</b>		(2,002,719)	(2,008,628)	(2,014,537)	(2,020,445)	(2,026,354)	(2,032,262)	(2,038,171)	(2,044,079)	(2,049,988)
<b>Total Accumulated Depreciation</b>		(1,272,802,742)	(1,278,479,348)	(1,283,770,698)	(1,288,647,665)	(1,294,225,607)	(1,298,562,137)	(1,302,656,313)	(1,308,568,699)	(1,313,477,705)
<b>Storage Gas</b>		22,699,378	22,697,940	22,696,704	22,695,284	22,693,720	22,691,959	22,690,261	22,688,541	22,686,823
<b>Customer Contributions</b>		(6,538,018)	(6,645,731)	(4,613,528)	(4,729,878)	(4,803,239)	(4,920,147)	(5,030,004)	(5,177,085)	(5,277,480)
<b>Leasehold Improvements</b>		24,387,739	25,618,370	26,217,847	26,461,313	26,936,391	26,912,640	27,060,730	27,000,644	26,823,080
<b>Total Rate Base Excluding ADIT and WC</b>		1,677,517,005	1,680,598,024	1,698,228,633	1,703,372,596	1,728,806,182	1,737,646,225	1,739,675,144	1,744,016,156	1,755,945,428
<b>Less: ADIT</b>		(400,881,270)	(404,309,456)	(405,543,652)	(406,449,793)	(399,897,090)	(400,160,013)	(400,140,001)	(400,152,687)	(400,285,221)
<b>Total Rate Base Less Working Capital</b>		1,276,635,735	1,276,288,569	1,292,684,981	1,296,922,803	1,328,909,093	1,337,486,211	1,339,535,143	1,343,863,469	1,355,660,207
<b>Add: Working Capital</b>		(6,391,082)	(5,981,433)	(208,898)	5,285,891	4,536,543	4,221,224	3,667,408	2,824,910	1,938,456
<b>Total Oregon Rate Base (Less Gas Reserves)</b>		<b>1,270,244,653</b>	<b>1,270,307,135</b>	<b>1,292,476,083</b>	<b>1,302,208,694</b>	<b>1,333,445,635</b>	<b>1,341,707,435</b>	<b>1,343,202,551</b>	<b>1,346,688,379</b>	<b>1,357,598,662</b>

**NW Natural  
Washington Annual Commission Basis Report and Quarterly ROO  
Rate Base (Less Gas Reserves)**

<b>WASHINGTON</b>		2020 January WASHINGTON	2020 February WASHINGTON	2020 March WASHINGTON	2020 April WASHINGTON	2020 May WASHINGTON	2020 June WASHINGTON	2020 July WASHINGTON	2020 August WASHINGTON	2020 September WASHINGTON
<b>Gross Plant</b>										
<b>Intangible</b>	<b>Software</b>	14,379,987	14,441,481	14,483,238	14,574,376	16,214,673	16,223,546	16,256,409	16,330,585	16,851,328
	<b>Other</b>	447	447	447	447	447	447	447	447	447
<b>Production</b>		0	0	0	0	0	0	0	0	0
<b>Transmission</b>		1,115,001	1,115,202	1,115,202	1,115,202	1,115,634	1,115,634	1,115,634	1,115,634	1,115,634
<b>Distribution</b>		306,141,865	306,987,779	308,279,157	308,706,366	309,364,405	310,383,260	311,310,825	312,479,515	313,208,956
<b>General</b>		26,169,889	26,349,878	27,393,082	27,920,893	28,579,987	29,193,889	29,249,429	29,325,137	29,724,940
<b>Storage and storage transmission CNG and LNG</b>		32,589,916 428,736	32,589,117 428,736	32,650,934 428,736	32,651,728 428,736	32,882,580 428,736	32,884,335 428,736	32,894,330 428,736	32,894,428 428,736	32,894,429 428,736
<b>Total Gross Plant</b>		380,825,842	381,912,639	384,350,796	385,397,747	388,586,462	390,229,847	391,255,810	392,574,482	394,224,470
<b>Accumulated Depreciation</b>										
<b>Intangible</b>		(8,289,442)	(8,348,069)	(8,406,987)	(8,466,282)	(8,530,468)	(8,522,703)	(8,593,489)	(8,664,311)	(8,737,374)
<b>Production</b>		0	0	0	0	0	0	0	0	0
<b>Transmission</b>		(193,306)	(195,053)	(196,800)	(198,547)	(200,295)	(202,043)	(203,790)	(205,538)	(207,286)
<b>Distribution</b>		(121,208,638)	(121,764,581)	(122,251,228)	(122,713,206)	(123,198,644)	(123,697,435)	(124,120,785)	(124,695,494)	(125,081,795)
<b>General</b>		(6,993,258)	(7,148,390)	(7,277,551)	(7,409,516)	(7,561,353)	(7,708,094)	(7,871,633)	(8,015,526)	(8,159,590)
<b>Storage and storage transmission CNG and LNG</b>		(15,046,723) (255,392)	(15,102,082) (256,146)	(15,157,472) (256,899)	(15,212,905) (257,653)	(15,268,542) (258,406)	(15,324,395) (259,160)	(15,380,278) (259,913)	(15,436,122) (260,667)	(15,491,992) (261,420)
<b>Total Accumulated Depreciation</b>		(151,986,759)	(152,814,321)	(153,546,937)	(154,258,109)	(155,017,707)	(155,713,829)	(156,429,889)	(157,277,658)	(157,939,456)
<b>Storage Gas</b>		2,708,477	2,708,306	2,708,158	2,707,989	2,707,802	2,707,592	2,707,390	2,707,184	2,706,979
<b>Customer Contributions</b>		(994,615)	(1,010,081)	(1,022,323)	(1,026,535)	(1,045,749)	(1,087,855)	(1,108,371)	(1,132,864)	(1,157,048)
<b>Leasehold Improvements</b>		3,109,994	3,266,927	3,343,374	3,374,422	3,435,005	3,431,976	3,450,861	3,443,199	3,420,555
<b>Total Rate Base Excluding ADIT and WC</b>		233,662,939	234,063,470	235,833,068	236,195,513	238,665,813	239,567,731	239,875,801	240,314,343	241,255,500
<b>Less: ADIT</b>		(45,794,710)	(45,975,621)	(45,927,898)	(45,983,456)	(46,000,746)	(46,013,258)	(45,988,594)	(45,973,173)	(45,972,681)
<b>Total Rate Base Less Working Capital</b>		<b>187,868,228</b>	<b>188,087,849</b>	<b>189,905,170</b>	<b>190,212,057</b>	<b>192,665,066</b>	<b>193,554,473</b>	<b>193,887,207</b>	<b>194,341,169</b>	<b>195,282,819</b>
<b>Add: Working Capital</b>		(936,513)	(876,485)	(30,611)	637,276	546,933	508,918	439,579	338,596	232,345
<b>Total Washington Rate Base</b>		<b>186,931,715</b>	<b>187,211,364</b>	<b>189,874,559</b>	<b>190,849,333</b>	<b>193,212,000</b>	<b>194,063,391</b>	<b>194,326,786</b>	<b>194,679,766</b>	<b>195,515,164</b>

# **Customer Counts, Volumes and Usage per Customer**

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

	2019 January	2019 February	2019 March	2019 April	2019 May	2019 June	2019 July	2019 August	2019 September	2019 October	2019 November	2019 December
<b>Volumes</b>												
<b>Residential</b>	8,544,615	8,445,411	9,017,217	4,286,896	2,835,385	1,808,156	1,510,870	1,212,497	1,289,696	2,809,838	5,296,958	7,879,873
<b>Commercial</b>	3,496,106	3,448,355	3,872,299	1,947,327	1,434,132	1,012,501	909,087	739,777	791,286	1,298,085	2,191,838	3,159,843
<b>Industrial Firm</b>	373,094	375,199	408,746	266,973	209,141	180,354	181,282	186,541	136,100	213,527	294,056	352,452
<b>Interruptible</b>	145,963	124,091	107,780	100,080	93,647	83,375	84,358	86,359	83,675	112,174	116,760	134,801
<b>Transport Firm</b>	1,037,515	1,104,372	969,113	1,090,727	1,057,143	943,809	948,898	907,772	864,724	1,093,463	1,124,204	1,250,664
<b>Transport Interruptible</b>	1,023,849	774,666	898,063	525,825	506,062	469,916	535,942	493,473	804,471	1,143,655	663,976	634,915
<b>Total</b>	14,621,142	14,272,094	15,273,218	8,217,828	6,135,510	4,498,111	4,170,437	3,626,419	3,969,952	6,670,742	9,687,792	13,412,548
<b>Customers</b>												
<b>Residential</b>	77,678	77,871	78,069	78,266	78,400	78,579	78,744	78,967	79,195	79,453	79,827	80,116
<b>Commercial</b>	7,197	7,220	7,279	7,278	7,286	7,246	7,208	7,206	7,177	7,238	7,285	7,296
<b>Industrial Firm</b>	55	55	55	55	55	55	55	55	53	53	53	53
<b>Interruptible</b>	5	5	5	5	5	5	5	5	5	5	5	5
<b>Transport Firm</b>	30	30	21	22	22	22	22	22	22	22	22	22
<b>Transport Interruptible</b>	11	15	13	12	12	12	12	12	12	12	12	12
<b>Total</b>	84,976	85,196	85,442	85,638	85,780	85,919	86,046	86,267	86,464	86,783	87,204	87,504
<b>Use per Customer</b>												
<b>Residential</b>	110	108	116	55	36	23	19	15	16	35	66	98
<b>Commercial</b>	486	478	532	268	197	140	126	103	110	179	301	433
<b>Industrial Firm</b>	6,784	6,822	7,432	4,854	3,803	3,279	3,296	3,392	2,568	4,029	5,548	6,650
<b>Interruptible</b>	29,193	24,818	21,556	20,016	18,729	16,675	16,872	17,272	16,735	22,435	23,352	26,960
<b>Transport Firm</b>	34,584	36,812	46,148	49,579	48,052	42,900	43,132	41,262	39,306	49,703	51,100	56,848
<b>Transport Interruptible</b>	93,077	51,644	69,082	43,819	42,172	39,160	44,662	41,123	67,039	95,305	55,331	52,910

**NW Natural  
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<b>12 Months Ended</b>	<b>2019 January</b>	<b>2019 February</b>	<b>2019 March</b>	<b>2019 April</b>	<b>2019 May</b>	<b>2019 June</b>	<b>2019 July</b>	<b>2019 August</b>	<b>2019 September</b>	<b>2019 October</b>	<b>2019 November</b>	<b>2019 December</b>
<b>Volumes</b>												
<b>Residential</b>	49,016,201	50,886,019	52,643,455	51,711,657	51,894,220	51,966,067	52,083,429	52,142,675	52,145,455	52,949,294	54,466,311	54,937,412
<b>Commercial</b>	21,457,531	22,229,618	23,092,391	22,811,500	22,915,497	22,984,961	23,048,730	23,106,107	23,125,440	23,433,187	24,060,137	24,300,636
<b>Industrial Firm</b>	3,028,979	3,077,028	3,148,088	3,119,206	3,103,211	3,095,441	3,126,164	3,146,751	3,111,491	3,128,729	3,167,764	3,177,465
<b>Interruptible</b>	1,318,656	1,312,638	1,300,253	1,292,470	1,289,661	1,278,795	1,282,182	1,281,821	1,272,625	1,279,769	1,276,259	1,273,063
<b>Transport Firm</b>	9,865,505	10,027,394	10,082,518	10,332,319	10,683,065	10,951,096	11,277,242	11,515,042	11,742,118	12,007,851	12,163,565	12,392,404
<b>Transport Interruptible</b>	10,902,961	10,929,153	10,929,644	10,594,719	10,251,818	9,908,799	9,604,759	9,121,288	8,960,617	8,962,778	8,702,491	8,474,813
<b>Total</b>	95,589,833	98,461,850	101,196,349	99,861,871	100,137,472	100,185,159	100,422,506	100,313,684	100,357,746	101,761,608	103,836,527	104,555,793
<b>Average Customers</b>												
<b>Residential</b>	76,348	76,564	76,778	76,994	77,207	77,420	77,635	77,857	78,080	78,303	78,534	78,764
<b>Commercial</b>	7,001	7,021	7,046	7,070	7,099	7,126	7,153	7,179	7,199	7,216	7,234	7,243
<b>Industrial Firm</b>	55	55	55	55	55	55	55	55	55	55	55	54
<b>Interruptible</b>	5	5	5	5	5	5	5	5	5	5	5	5
<b>Transport Firm</b>	30	30	29	29	28	27	27	26	25	25	24	23
<b>Transport Interruptible</b>	11	11	12	12	12	12	12	12	12	12	12	12
<b>Total</b>	83,450	83,686	83,924	84,164	84,405	84,645	84,886	85,134	85,376	85,616	85,864	86,102
<b>12 Month Use per Average Customer</b>												
<b>Residential</b>	642	665	686	672	672	671	671	670	668	676	694	697
<b>Commercial</b>	3,065	3,166	3,278	3,227	3,228	3,225	3,222	3,218	3,212	3,247	3,326	3,355
<b>Industrial Firm</b>	55,493	56,287	57,499	56,885	56,508	56,366	56,839	57,214	56,745	57,233	58,124	58,481
<b>Interruptible</b>	263,731	262,528	260,051	258,494	257,932	255,759	256,436	256,364	254,525	255,954	255,252	254,613
<b>Transport Firm</b>	328,850	334,246	344,701	361,481	382,677	401,875	424,222	444,310	465,034	488,455	508,581	533,007
<b>Transport Interruptible</b>	991,178	964,337	950,404	914,652	878,727	843,302	811,670	765,423	746,718	741,747	715,273	691,821



**NW Natural  
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	<b>2020 January</b>	<b>2020 February</b>	<b>2020 March</b>	<b>2020 April</b>	<b>2020 May</b>	<b>2020 June</b>	<b>2020 July</b>	<b>2020 August</b>	<b>2020 September</b>
<b><u>Volumes</u></b>									
<b>Residential</b>	8,688,963	7,188,191	6,946,471	5,363,609	2,915,684	2,228,620	1,649,152	1,291,763	1,352,135
<b>Commercial</b>	3,658,957	3,066,029	2,975,020	2,152,992	1,124,423	889,955	787,337	634,022	675,003
<b>Industrial Firm</b>	363,635	345,612	353,694	289,484	190,548	161,622	160,481	156,085	158,837
<b>Interruptible</b>	131,119	126,025	117,832	98,873	87,334	78,777	76,697	73,263	74,825
<b>Transport Firm</b>	1,206,639	1,131,084	1,154,432	971,622	900,608	870,251	851,402	898,594	864,656
<b>Transport Interruptible</b>	634,770	597,069	724,341	450,259	487,118	470,406	526,275	588,461	715,053
<b>Total</b>	14,684,083	12,454,010	12,271,790	9,326,839	5,705,715	4,699,631	4,051,344	3,642,188	3,840,509
<b><u>Customers</u></b>									
<b>Residential</b>	80,408	80,665	80,880	81,063	81,150	81,360	81,584	81,774	82,030
<b>Commercial</b>	7,331	7,298	7,335	7,283	7,180	7,220	7,277	7,249	7,224
<b>Industrial Firm</b>	53	53	53	53	53	53	53	51	50
<b>Interruptible</b>	5	5	5	5	5	5	5	5	5
<b>Transport Firm</b>	22	22	22	22	22	22	22	22	22
<b>Transport Interruptible</b>	10	10	10	10	10	10	10	10	10
<b>Total</b>	87,829	88,053	88,305	88,436	88,420	88,670	88,951	89,111	89,341
<b><u>Use per Customer</u></b>									
<b>Residential</b>	108	89	86	66	36	27	20	16	16
<b>Commercial</b>	499	420	406	296	157	123	108	87	93
<b>Industrial Firm</b>	6,861	6,521	6,673	5,462	3,595	3,049	3,028	3,060	3,177
<b>Interruptible</b>	26,224	25,205	23,566	19,775	17,467	15,755	15,339	14,653	14,965
<b>Transport Firm</b>	54,847	51,413	52,474	44,165	40,937	39,557	38,700	40,845	39,303
<b>Transport Interruptible</b>	63,477	59,707	72,434	45,026	48,712	47,041	52,628	58,846	71,505

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

	2020 January	2020 February	2020 March	2020 April	2020 May	2020 June	2020 July	2020 August	2020 September
<b>Volumes</b>									
<b>Residential</b>	55,081,760	53,824,540	51,753,794	52,830,507	52,910,806	53,331,270	53,469,552	53,548,818	53,611,257
<b>Commercial</b>	24,463,487	24,081,161	23,183,882	23,389,547	23,079,838	22,957,292	22,835,542	22,729,787	22,613,504
<b>Industrial Firm</b>	3,168,006	3,138,419	3,083,367	3,105,878	3,087,285	3,068,553	3,047,752	3,017,296	3,040,033
<b>Interruptible</b>	1,258,219	1,260,153	1,270,205	1,268,998	1,262,685	1,258,087	1,250,426	1,237,330	1,228,480
<b>Transport Firm</b>	12,561,528	12,588,240	12,773,559	12,654,454	12,497,919	12,424,361	12,326,865	12,317,687	12,317,619
<b>Transport Interruptible</b>	8,085,734	7,908,137	7,734,415	7,658,849	7,639,905	7,640,395	7,630,728	7,725,716	7,636,298
<b>Total</b>	104,618,734	102,800,650	99,799,222	100,908,233	100,478,438	100,679,958	100,560,865	100,576,634	100,447,191
<b>Average Customers</b>									
<b>Residential</b>	78,991	79,224	79,458	79,691	79,921	80,152	80,389	80,623	80,859
<b>Commercial</b>	7,254	7,261	7,265	7,266	7,257	7,255	7,261	7,264	7,268
<b>Industrial Firm</b>	54	54	54	54	54	53	53	53	53
<b>Interruptible</b>	5	5	5	5	5	5	5	5	5
<b>Transport Firm</b>	23	22	22	22	22	22	22	22	22
<b>Transport Interruptible</b>	12	12	12	11	11	11	11	11	11
<b>Total</b>	86,339	86,577	86,816	87,049	87,269	87,498	87,741	87,978	88,217
<b>12 Month Use per Average Customer</b>									
<b>Residential</b>	697	679	651	663	662	665	665	664	663
<b>Commercial</b>	3,372	3,317	3,191	3,219	3,180	3,164	3,145	3,129	3,111
<b>Industrial Firm</b>	58,486	58,119	57,276	57,874	57,706	57,535	57,324	57,110	57,814
<b>Interruptible</b>	251,644	252,031	254,041	253,800	252,537	251,617	250,085	247,466	245,696
<b>Transport Firm</b>	556,230	574,368	580,616	575,202	568,087	564,744	560,312	559,895	559,892
<b>Transport Interruptible</b>	664,581	673,033	672,558	675,781	684,171	694,581	704,375	724,286	727,266