

Exhibit No. KTW-11r
Docket UG-181053
Witness: Kyle T. Walker

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION
Complainant,

v.

NORTHWEST NATURAL GAS
COMPANY,
Respondent.

DOCKET UG-181053

**NORTHWEST NATURAL GAS COMPANY
EXHIBIT OF KYLE T. WALKER**

Customer Impact

July 18, 2019

Revised 8/13/19

Northwest Natural Gas Company
UG-181053 Exhibit KTW-11r
Customer Impact

	2018	2019	2020	2021	2022	2023	2024
Forecasted New Customer Adds		2,969	3,219	3,524	3,604	3,707	3,801
Year End 2018 Residential Customers	77,357						
Total Customer Count Forecast		80,326	83,545	87,069	90,673	94,380	98,181
New Customer Usage (therms)		775,326	840,404	920,187	940,913	967,859	992,440
2019 Customers			1,550,652	1,550,652	1,550,652	1,550,652	1,550,652
2020 Customers				1,680,808	1,680,808	1,680,808	1,680,808
2021 Customers					1,840,373	1,840,373	1,840,373
2022 Customers						1,881,827	1,881,827
2023 Customers							1,935,717
Total Residential Usage (therms)	52,471,253	53,246,579	54,862,309	56,622,899	58,483,999	60,392,771	62,353,069
Decoupled Actual Usage	52,471,253	1,007,092	1,091,624	1,195,256	1,222,178	1,257,178	1,289,107
2019 Customers			2,014,185	2,014,185	2,014,185	2,014,185	2,014,185
2020 Customers				2,183,247	2,183,247	2,183,247	2,183,247
2021 Customers					2,390,512	2,390,512	2,390,512
2022 Customers						2,444,357	2,444,357
2023 Customers							2,514,356
Total Actual Usage	52,471,253	53,478,345	55,577,061	57,863,941	60,281,375	62,760,731	65,307,017
Decoupling Balance		\$107,841	\$332,574	\$577,457	\$836,319	\$1,101,812	\$1,374,472
Volumetric Impact (per therm)		\$0.00203	\$0.00606	\$0.01020	\$0.01430	\$0.01824	\$0.02204
Total Customer Bill		\$51.54	\$51.36	\$51.16	\$51.03	\$50.90	\$50.78
Monthly Decoupling Impact from Settlement Rates		\$0.11	\$0.33	\$0.55	\$0.77	\$0.97	\$1.17
Impact as percentage of bill		0.2%	0.6%	1.1%	1.5%	1.9%	2.3%
Monthly Decoupling Impact on Customer Bills		\$0.11	\$0.33	\$0.55	\$0.77	\$0.97	\$1.17
Impact as percentage of total bill		0.2%	0.6%	1.1%	1.5%	1.9%	2.3%