

UG-20XXXX - NW Natural's General Rate Case Index of Workpapers

File Name	Contents/Descriptions	Cross-Reference
Exh. BV-1CT 20XXXX-NWN-Exh-BV-1CT-Villadsen-WP1-12-18-2020 (C) 20XXXX-NWN-Exh-BV-1CT-Villadsen-WP1-12-18-2020 (R) 20XXXX-NWN-Exh-BV-1CT-Villadsen-WP2-12-18-2020 (C) 20XXXX-NWN-Exh-BV-1CT-Villadsen-WP2-12-18-2020 (R) 20XXXX-NWN-Exh-BV-1CT-Villadsen-WP3-12-18-2020 (C) 20XXXX-NWN-Exh-BV-1CT-Villadsen-WP3-12-18-2020 (R)	Implied risk premium, confidential Implied risk premium, redacted Bond yields and MRP, confidential Bond yields and MRP, redacted Volatility Charts, confidential Volatility Charts, redacted	
Exh. BV-4 20XXXX-NWN-Exh-BV-4-Villadsen-WP1-12-18-2020 (C) 20XXXX-NWN-Exh-BV-4-Villadsen-WP1-12-18-2020 (R) 20XXXX-NWN-Exh-BV-4-Villadsen-WP2-12-18-2020 (C) 20XXXX-NWN-Exh-BV-4-Villadsen-WP2-12-18-2020 (R)	Cost of Equity, confidential Cost of Equity, redacted FERC MRP, confidential FERC MRP, redacted	
Exh. MBR-1T 20XXXX-NWN-Exh-MBR-1T-Rogers-WP1-12-18-2020 20XXXX-NWN-Exh-MBR-1T-Rogers-WP2-12-18-2020	Base Pay and Retirement Benefits Pay at Risk	
Exh. KTW-2 20XXXX-NWN-Exh-KTW-2-Walker-WP1-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-2-Walker-WP2-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-2-Walker-WP3-12-18-2020.xlsx	Revenue Requirement Model Revenue Requirement Model Flowchart Other Taxes	Exh. KTW-3, Exh. KTW-4, Exh. KTW-5, Exh. KTW-7, Exh. KTW-8, Exh. KTW-9 Exh. KTW-3, Exh. KTW-4, Exh. KTW-5, Exh. KTW-7, Exh. KTW-8, Exh. KTW-9, Exh. RIJW-2
Exh. KTW-3 20XXXX-NWN-Exh-KTW-3-Walker-WP1-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP2-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP3-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP4-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP5-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP6-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP7-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP8-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP9-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP10-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-3-Walker-WP11-12-18-2020.xlsx	O&M Allocation Factors Payroll, Admin and Employee Cost Allocation Factors Sales and Transportation by District Strength Report Tax Perms Net Plant Plant Deferred Income Tax Land and Structures Allocation SMPE \$33M OR Allocation Other Rate Base	Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2 Exh. KTW-2
Exh. KTW-4 20XXXX-NWN-Exh-KTW-4-Walker-WP1-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP2-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP3-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP4-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP5-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP6-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP7-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP8-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP9-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP10-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP11-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP12-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP13-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP14-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP15-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-4-Walker-WP16-12-18-2020.xlsx	Margin Model Maximum Daily Delivery Volume (MDDV) Special Contracts Actual Revenue Gas Cost Allocation Misc. Revenue - System Misc. Revenue - Washington Misc. Revenue - Normalization Bonuses Property Tax Adjustment Uncollectibles Working Capital Adjustment Claims Expense Clearing 2020 Clearing 2019 Holding Company Adjustment	Exh. KTW-2, Exh. KTW-7, Exh. RIJW-1T-WP2 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7
Exh. KTW-5 20XXXX-NWN-Exh-KTW-5-Walker-WP1-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-5-Walker-WP2-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-5-Walker-WP3-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-5-Walker-WP4-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-5-Walker-WP5-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-5-Walker-WP6-12-18-2020.xlsx 20XXXX-NWN-Exh-KTW-5-Walker-WP7-12-18-2020.xlsx	Payroll Analysis Report WA Pension Expense Pension, Health and Life Post Test Year Adjustments SAP Savings EDIT Rate Base Adjustment Depreciation Expense Adjustment - EOP	Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7, Exh. KTW-8 Exh. KTW-2, Exh. KTW-7, Exh. KTW-8 Exh. KTW-2, Exh. KTW-7 Exh. KTW-2, Exh. KTW-7
Exh. RIJW-1T 20XXXX-NWN-Exh-RIJW-1T-Wyman-WP1-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-1T-Wyman-WP2-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-1T-Wyman-WP3-12-18-2020.xlsx	Normal Weather Model Normal UPCs Model Schedule 10 Cost of Service	Exh. RIJW-1T-WP2 Exh. RIJW-1T-WP1, Exh. RIJW-2-WP1
Exh. RIJW-2 20XXXX-NWN-Exh-RIJW-2-Wyman-WP1-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-2-Wyman-WP2-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-2-Wyman-WP3-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-2-Wyman-WP4-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-2-Wyman-WP5-12-18-2020.xlsx 20XXXX-NWN-Exh-RIJW-2-Wyman-WP6-12-18-2020.xlsx	Load Factor Derivation Mains and Services Special Study Meters Cost Special Study Account Services Cost Special Study 2018 Meter-to-Cash Study Embedded Cost of Service Study (EmCOSS)	Exh. RIJW-1T-WP2, Exh. RIJW-2-WP6 Exh. RIJW-2-WP6 Exh. RIJW-2-WP6 Exh. RIJW-2-WP6 Exh. RIJW-2-WP6 Exh. RIJW-2-WP6 Exh. RIJW-2-WP1 to WP5; Exh. KTW-3 WP1, Exh. KTW-3 WP7, Exh. KTW-4 WP1, Exh. KTW-5 WP4
Exh. RIJW-3 20XXXX-NWN-Exh-RIJW-3-Wyman-WP1-12-18-2020.xlsx	Rate Spread Proposal; Rate Proof and Proposed Rates	Exh. RIJW-1T
Exh. RIJW-4 20XXXX-NWN-Exh-RIJW-3-Wyman-WP1-12-18-2020.xlsx	Rate Spread Proposal; Rate Proof and Proposed Rates	Exh. RIJW-1T