

| NORTHWEST NATURAL<br>COST OF SERVICE STUDY<br>Test Year Ended 12/31/99 |             |             |             |             |            |               |             |             |             |               |             |            |             |             |
|--|-------------|-------------|-------------|-------------|------------|---------------|-------------|-------------|-------------|---------------|-------------|------------|-------------|-------------|
| INCOME AND RATE OF RETURN AT PRESENT RATES                             |             |             |             |             |            |               |             |             |             |               |             |            |             |             |
|  | TOTAL COM#1 | 2           | TOTAL RES   | 3           | 4          | TOT COM-Inf11 | 21          | 22          | 23          | TOT HIGH VC24 | 27          | 55         | 90          | SC          |
| REVENUES:  |             |             |             |             |            |               |             |             |             |               |             |            |             |             |
| Operating Revenues   |             |             |             |             |            |               |             |             |             |               |             |            |             |             |
| Sales Revenue  | 3992161     | 75298,7372  | 7744650.42  | 18424070.1  | 8793102.53 | 1588901.31    | 37965.072   | 2604897.55  | 40781.6013  | 1383978.97    | 603268.585  | 1343197.37 | 0           | 0           |
| Total Other Revenues   | 48866       | 103,306797  | 10625.2034  | 25276.7372  | 12063.8179 | 2179.87884    | 52,0863889  | 3573,76575  | 55,949509   | 659,46069     | 14,651,5337 | 827,648906 | 2843,19164  | 541,55485   |
| Total Operating Revenues   | 35569710    | 75403,044   | 7755275.62  | 18449346.8  | 8905166.15 | 1591081.18    | 38017,1578  | 2608471.31  | 40837,5513  | 1383978.97    | 603268.585  | 1343197.37 | 0           | 0           |
| Net Operating Revenues   | 35569710    | 75403,044   | 7755275.62  | 18449346.8  | 8905166.15 | 1591081.18    | 38017,1578  | 2608471.31  | 40837,5513  | 1383978.97    | 603268.585  | 1343197.37 | 0           | 0           |
| EXPENSES:  |             |             |             |             |            |               |             |             |             |               |             |            |             |             |
| Cost of Gas  | 17743456    | 30776,511   | 3723472.25  | 9239472.67  | 4276116.84 | 914354.043    | 6232485.88  | 17505,0511  | 1393649,12  | 1197668,65    | 5516000,43  | 357195,829 | 1175925,03  | 0           |
| Operation & Maintenance Expense  | 498809,08   | 21370,5965  | 1533022,13  | 3477933,45  | 671250,026 | 109092,386    | 9622,15,599 | 8370,59246  | 170969,524  | 2533,06991    | 25604,5648  | 380882,189 | 1944911,32  | 124335,747  |
| Depreciation   | 399597,48   | 12254,9044  | 1018720,88  | 2380573,6   | 672436,029 | 136595,797    | 1029681,05  | 11276,1762  | 206339,946  | 3033,09783    | 31975,9732  | 467994,56  | 80150,4948  | 275214,862  |
| Amortization Expense   | 0           | 0           | 0           | 0           | 0          | 0             | 0           | 0           | 0           | 0             | 0           | 0          | 0           | 0           |
| Taxes Other Than Income Taxes  | 2371063     | 6346,33258  | 566795,514  | 1329088,86  | 500920,932 | 90004,0679    | 744122,811  | 4125,35192  | 2228,22898  | 25735,8827    | 222003,426  | 762293,351 | 45993,9119  | 134530,899  |
| Total Expenses   | 29103925,6  | 70748,3445  | 6842010,77  | 16427068,6  | 6120723,83 | 1250046,29    | 9359485,14  | 41277,1716  | 1917802,82  | 29635,0199    | 400033,694  | 2268548,83 | 9585057,83  | 607675,983  |
| Income Before Income Taxes   | 6465784,44  | 4654,69946  | 913264,852  | 2022278,25  | 2684442,32 | 341034,89     | 3724088,22  | 3260,01381  | 690668,491  | 11202,5314    | 81302,9165  | 648242,642 | 1109013,39  | -3579,74948 |
| Adjustments to Pre-Tax Income  | -3372867    | -10001,2579 | -850114,542 | -1996136,97 | -569474,02 | -121765,443   | -876171,753 | -8999,86326 | -173296,381 | -2636,04541   | -26458,2584 | -40107,427 | -1146022,43 | -65717,3783 |
| Adjusted Taxable Income  | 3092917,44  | 5346,55842  | 63150,3103  | 26141,2761  | 2114668,3  | 219269,446    | 2847916,46  | -12259,8771 | 517372,11   | 8566,48598    | 54844,6571  | 247225,214 | -37009,0343 | -89297,1278 |
| Income Taxes (From Schedule 3)   | 1082521,1   | -1871,29545 | 22102,6086  | 9149,44663  | 740238,904 | 76744,3061    | 996770,762  | -4290,95687 | 181080,239  | 2998,27009    | 19195,63    | 86528,8251 | -12953,162  | -24253,9947 |
| Net Utility Income   | 5383263,33  | 6525,99491  | 891162,244  | 2013128,8   | 1944203,41 | 264290,583    | 2727317,45  | 1030,94317  | 509588,253  | 8204,2613     | 62107,2865  | 561713,817 | 1121966,56  | 20674,2452  |
| After Tax Adjustments  | 0           | 0           | 0           | 0           | 0          | 0             | 0           | 0           | 0           | 0             | 0           | 0          | 0           | 0           |
| Net Utility Operating Income   | 5383263,33  | 6525,99491  | 891162,244  | 2013128,8   | 1944203,41 | 264290,583    | 2727317,45  | 1030,94317  | 509588,253  | 8204,2613     | 62107,2865  | 561713,817 | 1121966,56  | 20674,2452  |
| Rate Base  | 82493105,2  | 242842,171  | 20739060    | 48742169,4  | 14054899,3 | 3003320,5     | 21622614,2  | 215972,847  | 4283173,01  | 65248,531     | 665569,418  | 9674156,01 | 28003109,5  | 1611002,45  |
| Rate of Return   | 6.53%       | 2.69%       | 4.30%       | 4.13%       | 13.83%     | 8.80%         | 12.61%      | 0.48%       | 11.90%      | 12.57%        | 9.33%       | 5.81%      | 4.01%       | 1.28%       |
| Unitized Rate of Return  | 1           | 0.41180788  | 0.65847568  | 0.6329053   | 2.11975656 | 1.34850337    | 1.93285608  | 0.07314887  | 1.82316434  | 1.92681834    | 1.42995122  | 0.8897624  | 0.61396792  | 0.19665523  |
| CURRENT REVENUE REQ.   | 35569710    | 75403,044   | 7755275.62  | 18449346.8  | 8905166.15 | 1591081.18    | 13085573,4  | 38017,1578  | 2608471,31  | 40837,5513    | 1383978,97  | 603268,585 | 1343197,37  | 0           |

| NORTHWEST NATURAL<br>COST OF SERVICE STUDY<br>Test Year Ended 12/31/09 |             |            |            |              |            |            |            |               |            |            |            |            |            |            |            |            |            |
|--|-------------|------------|------------|--------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| INCOME AND RATE OF RETURN AT PROPOSED RATES                            |             |            |            |              |            |            |            |               |            |            |            |            |            |            |            |            |            |
|  | TOTAL COM#1 | TOTAL RES  | 4          | TOTAL COM#11 | 21         | 22         | 23         | TOT HIGH VOLT | 27         | 55         | 90         | SC         |            |            |            |            |            |
| REVENUES:  |             |            |            |              |            |            |            |               |            |            |            |            |            |            |            |            |            |
| Operating Revenues   |             |            |            |              |            |            |            |               |            |            |            |            |            |            |            |            |            |
| Total Operating Revenues   | 33992161    | 75299.7372 | 7744650.42 | 18424070.1   | 8793102.53 | 1588901.3  | 13024866.5 | 37965.072     | 2604897.55 | 40781.6013 | 480677.15  | 1383978.97 | 10679419.7 | 603268.585 | 1343197.37 | 0          | 609072.985 |
| Other Operating Revenues   | 48866       | 103.306797 | 10625.2034 | 25276.7372   | 12063.8179 | 2179.87884 | 17869.3483 | 52.0858389    | 3573.78575 | 55.9499509 | 659.46069  | 4129.49813 | 14651.5337 | 827.648906 | 2643.19164 | 541.55485  | 888.801692 |
| Total Current Revenues   | 35569710    | 75403.044  | 7755275.62 | 18449346.8   | 8805166.15 | 1591081.18 | 13042735.8 | 38017.1578    | 2608471.31 | 40837.5513 | 481336.611 | 2916791.47 | 10694071.2 | 604096.234 | 1894336.94 | 371655.193 | 609961.787 |
| Revenue Increase- Total  | 3220919.06  | 10744.5456 | 967624.812 | 2300755.91   | 291079.995 | 102298.189 | 485588.418 | 5608.13007    | 86601.6462 | 1356.98734 | 30907.433  | 303791.471 | 1333124.42 | 89123.8126 | 257652.065 | 41743.7814 | 3037.12217 |
| Revenue Increase from Rates  | 3220919.06  | 10744.5456 | 967624.812 | 2300755.91   | 291079.995 | 102298.189 | 485588.418 | 5608.13007    | 86601.6462 | 1356.98734 | 30907.433  | 303791.471 | 1333124.42 | 89123.8126 | 257652.065 | 41743.7814 | 3037.12217 |
| Total Revenues   | 38790633    | 86329      | 8732486    | 20774075     | 9075981    | 1691946    | 13500199   | 43742         | 2888660    | 42093      | 511850     | 3223120    | 12041589   | 695060     | 2156750    | 413828     | 610449     |
| Expenses:  |             |            |            |              |            |            |            |               |            |            |            |            |            |            |            |            |            |
| Cost of Gas  | 17743456    | 30776.511  | 3723472.25 | 9239472.67   | 4276116.84 | 914354.043 | 6601625.06 | 17505.0511    | 1393649.12 | 21840.6232 | 316717.273 | 1197668.65 | 5516000.43 | 357195.829 | 1175928.03 | 0          | 0          |
| Operation & Maintenance Expense  | 5006024.08  | 21412.4553 | 1539670.05 | 3492569.89   | 671596.947 | 109284.145 | 960702.323 | 8376.95717    | 171444.274 | 2540.22428 | 25624.35   | 381276.108 | 1952899.84 | 124438.954 | 194365.441 | 61740.0356 | 122630.407 |
| Depreciation   | 3999597.48  | 12254.9044 | 1018720.88 | 2380573.6    | 672436.029 | 136595.797 | 1026647.95 | 11276.1762    | 206339.946 | 3033.09783 | 31975.9732 | 467994.36  | 1361852.72 | 80150.4948 | 275214.862 | 95809.2415 | 93937.359  |
| Amortization of Other Utility Plant                                    | 0           | 0          | 0          | 0            | 0          | 0          | 0          | 0             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Taxes Other Than Income Taxes  | 2540705.22  | 6622.24371 | 595173.239 | 1396597.81   | 533140.365 | 96926.0743 | 789619.923 | 4264.46244    | 156389.02  | 2377.65975 | 27497.1661 | 233032.464 | 801424.573 | 48204.3913 | 141590.319 | 37741.2036 | 51323.2815 |
| Total Expenses   | 28289782.8  | 71066.1144 | 6877036.41 | 16509214     | 6153290.19 | 1256060.06 | 9378595.25 | 41422.6469    | 1927822.36 | 29791.605  | 401814.763 | 2279971.79 | 9632177.56 | 609889.67  | 1786998.65 | 195290.481 | 267891.048 |
| Total Expenses   | 28289782.8  | 71066.1144 | 6877036.41 | 16509214     | 6153290.19 | 1256060.06 | 9378595.25 | 41422.6469    | 1927822.36 | 29791.605  | 401814.763 | 2279971.79 | 9632177.56 | 609889.67  | 1786998.65 | 195290.481 | 267891.048 |
| Income Before Income Taxes   | 9500850.22  | 15262.8856 | 1855449.59 | 4264861.02   | 2922560.81 | 435885.941 | 4121603.75 | 2319.35312    | 760837.638 | 12301.395  | 110035.237 | 943148.215 | 2409411.44 | 85070.3304 | 369751.349 | 218537.519 | 342557.952 |
| Income Taxes (From Schedule 3)   | 2155485.85  | 1778.09493 | 348514.014 | 785682.655   | 830719.185 | 110444.033 | 1148660.84 | -2379.01793   | 207884.126 | 3418.41322 | 29389.8116 | 188861.104 | 437150.815 | 6129.70591 | 47790.6823 | 48610.0007 | 89038.7114 |
| Net Operating Income   | 7382323     | 13306      | 1497594    | 3455796      | 2112338    | 326904     | 3003222    | 4583          | 559397     | 8985       | 81048      | 751829     | 1958202    | 77122      | 317262     | 169509     | 256073     |
| Ratemaking Adjustments   | 0           | 0          | 0          | 0            | 0          | 0          | 0          | 0             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          |
| Net Utility Operating Income   | 7382323     | 13306      | 1497594    | 3455796      | 2112338    | 326904     | 3003222    | 4583          | 559397     | 8985       | 81048      | 751829     | 1958202    | 77122      | 317262     | 169509     | 256073     |
| Rate Base  | 82493105.2  | 242842.171 | 20739060   | 48742169.4   | 14054899.3 | 3003320.5  | 21557365.7 | 215972.847    | 4283173.01 | 65248.551  | 665569.418 | 9674156.01 | 28003109.5 | 1611002.45 | 5564946.28 | 1882509.55 | 2161448.65 |
| Rate of Return   | 8.95%       | 5.48%      | 7.22%      | 7.09%        | 15.03%     | 10.88%     | 13.93%     | 2.12%         | 13.06%     | 13.77%     | 12.18%     | 7.77%      | 6.99%      | 4.79%      | 5.70%      | 9.00%      | 11.85%     |
| Unitized Rate of Return  | 1           | 0.6122771  | 0.80691843 | 0.79226022   | 1.67942371 | 1.21630888 | 1.55674087 | 0.23712389    | 1.45941607 | 1.53876377 | 1.36079499 | 0.86842156 | 0.78140438 | 0.53494198 | 0.63706175 | 1.00619043 | 1.3238637  |
| Proposed Revenue Requirement   | 38830591.6  | 86150.2093 | 8723144.43 | 20750692.6   | 9096347.37 | 1693408.09 | 13529478.1 | 46326.6289    | 2695103.49 | 42195.0182 | 51252.674  | 3220661.89 | 12027530.4 | 68324.375  | 2152051.33 | 413409.481 | 613002.759 |

| Table 5C. Comparison of Rate Base, Rate of Return and Revenue Requirement at Present Rates between Staff's and Company's Proposal |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|--|--|--|--|--|--|
| Staff's Submission:   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Company   | 1           | 2           | 3           | 4           | COMM.       | 11          | 21          | 22          | 23          | 24          | 27          | 55          | 90          | SC          |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate Base   | 2163179     | 236516      | 49672675    | 14488484    | 2984735     | 210104      | 4002306     | 61603       | 573843      | 8776301     | 28520757    | 1568280     | 4843387     | 1867347     | 1972555     |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate of Return  | 3.17%       | 4.06%       | 3.96%       | 13.49%      | 5.92%       | 12.16%      | 1.02%       | 12.60%      | 13.02%      | 12.53%      | 3.88%       | -0.40%      | 6.04%       | 7.77%       | 13.25%      |             |             |  |  |  |  |  |  |  |  |  |  |
| Unutilized Rate of Return   | 0.488315344 | 0.621969172 | 0.60627114  | 2.066567673 | 0.90661102  | 1.863911459 | 0.156396775 | 1.931498392 | 1.994765444 | 1.920465722 | 1.237907169 | -0.06070013 | 0.925665627 | 1.190798382 | 2.030353668 |             |             |  |  |  |  |  |  |  |  |  |  |
| CURRENT REVENUE REQ.  | 35569710    | 75403       | 7755276     | 18449347    | 8805166     | 1591081     | 13083573    | 38017       | 2608471     | 40838       | 2916791     | 10694071    | 604096      | 1894337     | 371655      | 609962      |             |  |  |  |  |  |  |  |  |  |  |
| Company's Submission:   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate Base   | 84830464    | 230383      | 50243596    | 14028676    | 3988509     | 22808054    | 212260      | 4511147     | 67462       | 595043      | 9024154     | 28730459    | 1976497     | 4693079     | 2203642     | 2059971     |             |  |  |  |  |  |  |  |  |  |  |
| Rate of Return  | 4.64%       | 2.32%       | 2.37%       | 11.58%      | 0.95%       | 9.14%       | 0.98%       | 9.15%       | 9.36%       | 17.53%      | 7.10%       | 2.41%       | -2.60%      | 6.44%       | 4.89%       | 10.91%      |             |  |  |  |  |  |  |  |  |  |  |
| Unutilized Rate of Return   | 0.612143298 | 0.499853956 | 0.511489514 | 2.496871087 | 0.205006184 | 1.969645499 | 0.210845287 | 1.972317442 | 2.018149805 | 2.486740704 | 1.531242292 | 0.520202127 | -0.56034333 | 1.387702352 | 1.055143702 | 2.351616353 |             |  |  |  |  |  |  |  |  |  |  |
| CURRENT REVENUE REQ.  | 33088660    | 6895284014  | 7194716.911 | 17115810.48 | 8168720.354 | 1476076.32  | 12137880.21 | 35269.24147 | 2419928.522 | 37885.77417 | 2796125.518 | 9821093.568 | 560431.5826 | 1789763.062 | 386680.0752 | 601796.6072 |             |  |  |  |  |  |  |  |  |  |  |
| Difference Between Staff's Company's Proposal (%)   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate Base   | -2.76%      | -5.61%      | -1.63%      | -1.14%      | 3.28%       | -25.17%     | -4.66%      | -1.02%      | -11.28%     | -8.69%      | -3.56%      | -2.75%      | -0.73%      | -20.65%     | -15.26%     | -4.24%      |             |  |  |  |  |  |  |  |  |  |  |
| Rate of Return  | 40.70%      | 11.78%      | 75.08%      | 66.78%      | 16.45%      | 522.26%     | 33.15%      | 4.37%       | 37.79%      | 39.07%      | 8.66%       | 13.75%      | 60.87%      | -84.76%     | -6.15%      | 58.78%      | 21.48%      |  |  |  |  |  |  |  |  |  |  |
| Unutilized Rate of Return   | 0.00%       | -20.86%     | 24.43%      | 16.53%      | -17.23%     | 342.25%     | -5.37%      | -25.82%     | -2.07%      | -1.16%      | -22.77%     | -19.16%     | 14.33%      | -89.17%     | -33.30%     | 12.85%      | -13.66%     |  |  |  |  |  |  |  |  |  |  |
| CURRENT REVENUE REQ.  | 7.50%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 7.79%       | 1.36%       |  |  |  |  |  |  |  |  |  |  |
| Comparison of Rate Base, Rate of Return and Revenue requirement at Proposed Rates between Staff's and Company's Proposal          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Company   | 1           | 2           | 3           | 4           | COMM.       | 11          | 21          | 22          | 23          | 24          | 27          | 55          | 90          | SC          |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate Base   | 82493105    | 242842      | 20739060    | 48742169    | 14054689    | 3003321     | 21557366    | 215973      | 4283173     | 65249       | 665569      | 9674156     | 28003109    | 1611002     | 5564948     | 1882510     | 2161450     |  |  |  |  |  |  |  |  |  |  |
| Rate of Return  | 8.95%       | 5.48%       | 7.22%       | 7.09%       | 15.03%      | 10.88%      | 13.93%      | 2.12%       | 13.08%      | 13.77%      | 12.18%      | 7.77%       | 6.99%       | 4.79%       | 5.70%       | 9.00%       | 11.85%      |  |  |  |  |  |  |  |  |  |  |
| Unutilized Rate of Return   | 1.00        | 0.61        | 0.79        | 1.68        | 1.22        | 1.56        | 0.24        | 1.46        | 1.36        | 1.36        | 1.36        | 0.87        | 0.78        | 0.53        | 0.64        | 1.01        | 1.32        |  |  |  |  |  |  |  |  |  |  |
| PROPOSED REVENUE REQ.   | 38830591.64 | 86172.3327  | 8724312.753 | 20753717.96 | 9093857.686 | 1693232.983 | 13525060.28 | 43640.86437 | 2694320.651 | 42182.62332 | 512204.531  | 3220995.201 | 12029284.89 | 693465.7943 | 2152631.987 | 413461.7754 | 612691.5402 |  |  |  |  |  |  |  |  |  |  |
| Company's Submission:   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate Base   | 84830464    | 250533      | 21513136    | 14028676    | 3988509     | 22740592    | 212260      | 4511147     | 67462       | 595043      | 9024154     | 28730459    | 1976497     | 4693079     | 2203642     | 2059971     |             |  |  |  |  |  |  |  |  |  |  |
| Rate of Return  | 9.08%       | 6.07%       | 6.09%       | 18.70%      | 4.95%       | 15.28%      | 3.45%       | 14.72%      | 14.72%      | 19.77%      | 12.22%      | 6.11%       | 0.27%       | 10.58%      | 9.43%       | 18.86%      |             |  |  |  |  |  |  |  |  |  |  |
| Unutilized Rate of Return   | 1.00        | 0.76        | 0.67        | 2.06        | 0.55        | 1.68        | 0.38        | 1.58        | 1.62        | 2.18        | 1.35        | 0.67        | 0.67        | 0.03        | 1.17        | 1.04        | 2.08        |  |  |  |  |  |  |  |  |  |  |
| PROPOSED REVENUE REQ.   | 39293227    | 86215       | 20155531    | 9767414     | 1733308     | 14345206    | 43627       | 2800857     | 43755       | 525373      | 3528756     | 11650073    | 652145      | 2102985     | 523253      | 858764      |             |  |  |  |  |  |  |  |  |  |  |
| Difference Between Staff's Company's Proposal (%)   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |  |  |  |  |  |  |  |  |  |
| Rate Base   | -2.76%      | -3.09%      | -3.60%      | -2.99%      | 0.19%       | -24.70%     | -5.20%      | -5.00%      | -3.28%      | 11.85%      | 7.20%       | -2.53%      | -18.48%     | 18.58%      | -14.57%     | 4.93%       |             |  |  |  |  |  |  |  |  |  |  |
| Rate of Return  | -1.45%      | -20.51%     | 19.05%      | 16.39%      | -19.61%     | 119.78%     | -8.84%      | -38.50%     | -9.02%      | -6.46%      | -38.40%     | -14.43%     | 1680%       | -46.12%     | -4.48%      | -37.17%     |             |  |  |  |  |  |  |  |  |  |  |
| Unutilized Rate of Return   | 0.00%       | -19.34%     | 20.80%      | 18.11%      | -18.43%     | 123.02%     | -7.50%      | -37.60%     | -7.68%      | -5.08%      | -35.46%     | 16.12%      | 1706%       | -45.32%     | -3.07%      | -36.25%     |             |  |  |  |  |  |  |  |  |  |  |
| PROPOSED REVENUE REQ.   | -1.18%      | -0.05%      | 2.57%       | 2.97%       | -6.00%      | -2.31%      | -5.72%      | 0.03%       | -3.80%      | -3.59%      | -8.72%      | 3.26%       | 6.34%       | 2.36%       | -20.98%     | -28.65%     |             |  |  |  |  |  |  |  |  |  |  |