

**Exh. ECO-5  
Dockets UE-170485/UG-170486  
Witness: Elizabeth O'Connell**

**BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**AVISTA CORPORATION d/b/a  
AVISTA UTILITIES,**

**Respondent.**

**DOCKETS UE-170485 and  
UG-170486 (*Consolidated*)**

**EXHIBIT TO  
TESTIMONY OF**

**Elizabeth O'Connell**

**STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION**

*Rate Design - Gas*

**November 1, 2017**

**AVISTA UTILITIES**  
**WASHINGTON NATURAL GAS**  
**PROPOSED INCREASE BY SERVICE SCHEDULE**  
**12 MONTHS ENDED DECEMBER 31, 2016**  
(000s of Dollars)

| Line No. | Type of Service                            | Schedule Number | Base Tariff         |                      | Proposed General Increase | Distribution Under Proposed Rates | Base Tariff Under Proposed Rates | Base Tariff Percent Increase | Total Billed Revenue at Present Rates (1) | Sch. 191 LIRAP/DSM Increase | Proposed General Increase | Percent Increase on Billed Revenue |
|----------|--|-----------------|---------------------|----------------------|---------------------------|-----------------------------------|----------------------------------|------------------------------|---|-----------------------------|---------------------------|------------------------------------|
|          |  |                 | Under Present Rates | Under Proposed Rates |                           |                                   |                                  |                              |   |                             |                           |                                    |
|          |  | (b)             | (c)                 | (d)                  | (e)                       | (f)                               | (g)                              | (h)                          | (i)                                       |                             |                           |                                    |
| 1        | General Service                            | 101/102         | \$67,622            | \$68,480             | \$858,23                  | \$68,480                          | 1.3%                             | \$111,661                    | \$0                                       | \$858                       | 0.8%                      |                                    |
| 2        | Large General Service                      | 111/112         | \$15,462            | \$15,658             | \$196                     | \$15,658                          | 1.3%                             | \$32,707                     | \$0                                       | \$196                       | 0.6%                      |                                    |
| 3        | Large General Svc.-High Annual Load Factor | 121/122         | \$1,024             | \$1,037              | \$13                      | \$1,037                           | 1.3%                             | \$2,620                      | \$0                                       | \$13                        | 0.5%                      |                                    |
| 4        | Interruptible Service                      | 131/132         | \$190               | \$192                | \$2                       | \$192                             | 1.0%                             | \$519                        | \$0                                       | \$2                         | 0.4%                      |                                    |
| 5        | Transportation Service                     | 146             | \$2,921             | \$2,958              | \$37                      | \$2,958                           | 1.3%                             | \$2,970                      | \$0                                       | \$37                        | 1.2%                      |                                    |
| 6        | Special Contracts                          | 148             | \$1,612             | \$1,612              | \$0                       | \$1,612                           | 0.0%                             | \$1,612                      | \$0                                       | \$0                         | 0.0%                      |                                    |
| 7        | Total                                      |                 | \$88,831            | \$89,938             | \$1,107                   | \$89,938                          | 1.2%                             | \$152,089                    | \$0                                       | \$1,107                     | 0.7%                      |                                    |

(1) Includes Schedule 150 (Purchase Gas Cost Adjustment), Schedule 155 (Gas Rate Adjustment), Schedule 175 (Decoupling), Schedule 191 (DSM Adjustment) and Schedule 192 (LIRAP Adjustment).

**AVISTA UTILITIES  
WASHINGTON NATURAL GAS  
PRESENT AND PROPOSED RATE COMPONENTS BY SCHEDULE**

| <u>Type of Service</u><br>(a)  | <u>Present Base<br/>Distribution<br/>Rate</u><br>(b) | <u>Present<br/>Billing<br/>Rate Adj. (1)</u><br>(c) | <u>Present<br/>Billing Rate</u><br>(d) | <u>General<br/>Rate<br/>Increase</u><br>(e) | <u>Proposed<br/>Billing<br/>Rate(1)</u><br>(f) | <u>Proposed<br/>Base<br/>Distribution<br/>Rate</u><br>(g) |
|--|--|---|--|---|--|---|
| <b><u>General Service - Schedule 101</u></b>                               |  |   |  |   |  |   |
| Basic Charge   | \$9.00   |   | \$9.00                                 | \$0.50                                      | \$9.50   | \$9.50  |
| Usage Charge:  |  |   |  |   |  |   |
| First 70 Therms  | \$0.38685  | \$0.36913   | \$0.75598                              | (\$0.00050)                                 | \$0.75548                                      | \$0.38635   |
| All over 70 Therms   | \$0.50279  | \$0.36913   | \$0.87192                              | (\$0.00064)                                 | \$0.87128                                      | \$0.50215   |
| <b><u>Large General Service - Schedule 111</u></b>                         |  |   |  |   |  |   |
| Usage Charge:  |  |   |  |   |  |   |
| First 200 therms   | \$0.50720  | \$0.35964   | \$0.86684                              | \$0.00190                                   | \$0.86874                                      | \$0.50910   |
| 200 - 1,000 therms   | \$0.34034  | \$0.35964   | \$0.69998                              | \$0.00517                                   | \$0.70515                                      | \$0.34551   |
| All over 1,000 therms  | \$0.25943  | \$0.35964   | \$0.61907                              | \$0.00393                                   | \$0.62300                                      | \$0.26336   |
| Minimum Charge:  |  |   |  |   |  |   |
| per month  | \$101.44   |   | \$101.44                               | \$0.38                                      | \$101.82                                       | \$101.82  |
| per therm  | \$0.00000  | \$0.35964   | \$0.35964                              |   | \$0.35964                                      | \$0.00000   |
| <b><u>High Annual Load Factor Large General Service - Schedule 121</u></b> |  |   |  |   |  |   |
| Usage Charge:  |  |   |  |   |  |   |
| First 500 therms   | \$0.50456  | \$0.38129   | \$0.88585                              | \$0.00038                                   | \$0.88623                                      | \$0.50494   |
| 500 - 1,000 therms   | \$0.35670  | \$0.38129   | \$0.73799                              | \$0.00483                                   | \$0.74282                                      | \$0.36153   |
| 1,000 - 10,000 therms  | \$0.27397  | \$0.38129   | \$0.65526                              | \$0.00371                                   | \$0.65897                                      | \$0.27768   |
| 10,000 - 25,000 therms   | \$0.22202  | \$0.38129   | \$0.60331                              | \$0.00301                                   | \$0.60632                                      | \$0.22503   |
| All over 25,000 therms   | \$0.14725  | \$0.38129   | \$0.52854                              | \$0.00200                                   | \$0.53054                                      | \$0.14925   |
| Minimum Charge:  |  |   |  |   |  |   |
| per month  | \$252.28   |   | \$252.28                               | \$0.19                                      | \$252.47                                       | \$252.47  |
| per therm  | \$0.00000  | \$0.38129   | \$0.38129                              |   | \$0.38129                                      | \$0.00000   |
| Annual Minimum per therm   | Present:   | \$0.38269   |  |   | Proposed:                                      | \$0.39865   |
| <b><u>Interruptible Service - Schedule 132</u></b>                         |  |   |  |   |  |   |
| Usage Charge:  |  |   |  |   |  |   |
| First 10,000 therms  | \$0.25277  | \$0.36444   | \$0.61721                              | \$0.00278                                   | \$0.61999                                      | \$0.25555   |
| 10,000 - 25,000 therms   | \$0.20291  | \$0.36444   | \$0.56735                              | \$0.00223                                   | \$0.56958                                      | \$0.20514   |
| 25,000 - 50,000 therms   | \$0.19067  | \$0.36444   | \$0.55511                              | \$0.00210                                   | \$0.55721                                      | \$0.19277   |
| All over 50,000 therms   | \$0.18662  | \$0.36444   | \$0.55106                              |   | \$0.55106                                      | \$0.18662   |
| Annual Minimum per therm   | Present:   | \$0.27731   |  |   | Proposed:                                      | \$0.28303   |
| <b><u>Transportation Service - Schedule 146</u></b>                        |  |   |  |   |  |   |
| Basic Charge   | \$525.00   |   | \$525.00                               | \$25.00                                     | \$550.00                                       | \$550.00  |
| Usage Charge:  |  |   |  |   |  |   |
| First 20,000 therms  | \$0.10009  | \$0.00160   | \$0.10169                              | \$0.00094                                   | \$0.10263                                      | \$0.10103   |
| 20,000 - 50,000 therms   | \$0.08905  | \$0.00160   | \$0.09065                              | \$0.00084                                   | \$0.09149                                      | \$0.08989   |
| 50,000 - 300,000 therms  | \$0.08030  | \$0.00160   | \$0.08190                              | \$0.00075                                   | \$0.08265                                      | \$0.08105   |
| 300,000 - 500,000 therms   | \$0.07426  | \$0.00160   | \$0.07586                              | \$0.00070                                   | \$0.07656                                      | \$0.07496   |
| All over 500,000 therms  | \$0.05581  | \$0.00160   | \$0.05741                              | \$0.00052                                   | \$0.05793                                      | \$0.05633   |
| Annual Minimum per therm   | Present:   | \$0.08905   |  |   | Proposed:                                      | \$0.08989   |

(1) Includes Schedule 150 (Purchase Gas Cost Adjustment), Schedule 155 (Gas Rate Adjustment), Schedule 175 (Decoupling), Schedule 191 (DSM Adjustment) and Schedule 192 (LIRAP Adjustment).

**AVISTA UTILITIES  
WASHINGTON NATURAL GAS  
PROPOSED INCREASE BY SERVICE SCHEDULE  
12 MONTHS ENDED DECEMBER 31, 2016  
(000s of Dollars)**

**May 1, 2019 Increase**

| Line No. | Type of Service<br>(a)                                  | Schedule Number<br>(b) | Total Billed Revenue at Present Rates (1)<br>(c) | Schedule 196 Proposed Rate Plan Increase<br>(d) | Percent Increase on Billed Revenue<br>(e) |
|----------|---|------------------------|--|---|---|
| 1        | General Service   | 101/102                | \$112,519  | \$2,093   | 1.9%                                      |
| 2        | Large General Service<br>Large General Svc.-High Annual | 111/112                | \$32,904   | \$479   | 1.5%                                      |
| 3        | Load Factor   | 121/122                | \$2,633  | \$32  | 1.2%                                      |
| 4        | Interruptible Service                                   | 131/132                | \$521  | \$5   | 0.9%                                      |
| 5        | Transportation Service                                  | 146                    | \$3,007  | \$90  | 3.0%                                      |
| 6        | Special Contracts                                       | 148                    | <u>\$1,612</u>                                   | <u>\$0</u>                                      | 0.0%                                      |
| 7        | Total   |                        | \$153,196  | \$2,698   | 1.8%                                      |

**May 1, 2020 Increase**

| Line No. | Type of Service<br>(a)                                  | Schedule Number<br>(b) | Total Billed Revenue at Present Rates (1)<br>(c) | Schedule 196 Proposed Incremental Rate Plan Increase<br>(d) | Percent Increase on Billed Revenue<br>(e) |
|----------|---|------------------------|--|---|---|
| 1        | General Service   | 101/102                | \$114,611  | \$2,159   | 1.9%                                      |
| 2        | Large General Service<br>Large General Svc.-High Annual | 111/112                | \$33,382   | \$494   | 1.5%                                      |
| 3        | Load Factor   | 121/122                | \$2,665  | \$33  | 1.2%                                      |
| 4        | Interruptible Service                                   | 131/132                | \$525  | \$5   | 0.9%                                      |
| 5        | Transportation Service                                  | 146                    | \$3,097  | \$93  | 3.0%                                      |
| 6        | Special Contracts                                       | 148                    | <u>\$1,612</u>                                   | <u>\$0</u>  | 0.0%                                      |
| 7        | Total   |                        | \$155,894  | \$2,784   | 1.8%                                      |

(1) Includes Schedule 150 (Purchase Gas Cost Adjustment), Schedule 155 (Gas Rate Adjustment), Schedule 175 (Decoupling), Schedule 191 (DSM Adjustment) and Schedule 192 (LIRAP Adjustment).

(2) The Schedule 196 (Rate Plan Adjustment) increase is proposed to be spread based upon a pro-rata allocation of the May 1, 2018 increase.