Exhibit MPG-6 Dockets UE-170485/UG-170486 Witness: Michael P. Gorman

## BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

|                            | )                          |
|----------------------------|----------------------------|
| WASHINGTON UTILITIES AND   | )                          |
| TRANSPORTATION COMMISSION, | )                          |
|                            | )                          |
| Complainant,               |                            |
| _                          | ) DOCKETS UE-170485 and    |
| v.                         | ) UG-170486 (Consolidated) |
|                            | )                          |
| AVISTA CORPORATION, DBA    | )                          |
| AVISTA UTILITIES,          | )                          |
|                            | )                          |
| Respondent.                | )                          |
|                            | )                          |

## **EXHIBIT MPG-6**

**COST OF LONG-TERM DEBT** 

**OCTOBER 27, 2017** 

## **Avista Corporation**

## Cost of Long-Term Debt Detail - Washington May 1, 2018

| Line | Description         | Coupon<br>Rate   | Maturity<br>Date | Settlement<br>Date | Principal<br>Amount | Issuance<br>Costs | SWAP<br>Loss/(Gain) | Discount<br>(Premium) | Loss/Reacq<br>Expenses | Net<br>Proceeds | Yield to<br>Maturity | Principal<br>Outstanding<br>5/1/2018 | Effective<br>Cost |
|------|---------------------|------------------|------------------|--------------------|---------------------|-------------------|---------------------|-----------------------|------------------------|-----------------|----------------------|--------------------------------------|-------------------|
|      | (a)                 | (b)              | ( c)             | (d)                | (e)                 | (f)               | (g)                 | (g)                   | (h)                    | (i)             | (j)                  | (k)                                  | (1)               |
| 1    | FMBS - SERIES A     | 7.530%           | 5/5/2023         | 5/6/1993           | 5,500,000           | 42,712            | -                   | -                     | 963,011                | 4,494,277       | 9.359%               | 5,500,000                            | 514,744           |
| 2    | FMBS - SERIES A     | 7.540%           | 5/5/2023         | 5/7/1993           | 1,000,000           | 7,766             | -                   | -                     | 175,412                | 816,822         | 9.375%               | 1,000,000                            | 93,747            |
| 3    | FMBS - SERIES A     | 7.390%           | 5/11/2018        | 5/11/1993          | 7,000,000           | 54,364            | -                   | -                     | 1,227,883              | 5,717,753       | 4.500%               | 7,000,000                            | 315,000           |
| 4    | FMBS - SERIES A     | 7.450%           | 6/11/2018        | 6/9/1993           | 15,500,000          | 120,377           | -                   | 50,220                | 2,140,440              | 13,188,963      | 4.500%               | 15,500,000                           | 697,500           |
| 5    | FMBS - SERIES A     | 7.180%           | 8/11/2023        | 8/12/1993          | 7,000,000           | 54,364            | -                   | -                     | -                      | 6,945,636       | 7.244%               | 7,000,000                            | 507,064           |
| 6    | ADVANCE ASSOCIAT    | 2.688% 1         | 6/1/2037         | 6/3/1997           | 40,000,000          | 1,296,086         | -                   | -                     | (1,769,125)            | 40,473,039      | 2.640%               | 40,000,000                           | 1,055,838         |
| 7    | FMBS - SERIES C     | 6.370%           | 6/19/2028        | 6/19/1998          | 25,000,000          | 158,304           | -                   | -                     | 188,649                | 24,653,047      | 6.475%               | 25,000,000                           | 1,618,863         |
| 8    | 5.45% SERIES        | 5.450%           | 12/1/2019        | 11/18/2004         | 90,000,000          | 1,192,681         | -                   | 239,400               | 7,244,918              | 81,323,001      | 6.462%               | 90,000,000                           | 5,815,420         |
| 9    | FMBS - 6.25%        | 6.250%           | 12/1/2035        | 11/17/2005         | 150,000,000         | 1,812,935         | (4,445,000)         | 367,500               | 1,700,376              | 150,564,188     | 6.222%               | 150,000,000                          | 9,332,891         |
| 10   | FMBS - 5.70%        | 5.700%           | 7/1/2037         | 12/15/2006         | 150,000,000         | 4,702,304         | 3,738,000           | 222,000               | -                      | 141,337,696     | 6.120%               | 150,000,000                          | 9,179,674         |
| 11   | 5.95% SERIES        | 5.950%           | 6/1/2018         | 4/3/2008           | 250,000,000         | 2,246,419         | 16,395,000          | 835,000               | -                      | 230,523,581     | 4.500%               | 250,000,000                          | 11,250,000        |
| 12   | 5.125% SERIES       | 5.125%           | 4/1/2022         | 9/22/2009          | 250,000,000         | 2,284,788         | (10,776,222)        | 575,000               | 2,875,817              | 255,040,618     | 4.907%               | 250,000,000                          | 12,268,615        |
| 13   | 3.89% SERIES        | 3.890%           | 12/20/2020       | 12/20/2010         | 52,000,000          | 385,129           | -                   | -                     | 6,273,664              | 45,341,207      | 5.578%               | 52,000,000                           | 2,900,581         |
| 14   | 5.55% SERIES        | 5.550%           | 12/20/2040       | 12/20/2010         | 35,000,000          | 258,834           | -                   | -                     | 5,263,822              | 29,477,345      | 6.788%               | 35,000,000                           | 2,375,887         |
| 15   | 4.45% SERIES        | 4.450%           | 12/14/2041       | 12/14/2011         | 85,000,000          | 692,833           | 10,557,000          | -                     | -                      | 73,750,167      | 5.340%               | 85,000,000                           | 4,538,871         |
| 16   | 4.23% SERIES        | 4.230%           | 11/29/2047       | 11/30/2012         | 80,000,000          | 730,833           | 18,546,870          | -                     | 105,020                | 60,617,277      | 5.868%               | 80,000,000                           | 4,694,533         |
| 17   | 4.11% SERIES        | 4.110%           | 12/1/2044        | 12/18/2014         | 60,000,000          | 428,205           | (5,429,000)         | -                     | -                      | 65,000,795      | 3.650%               | 60,000,000                           | 2,190,040         |
| 18   | 4.37% SERIES        | 4.370%           | 12/1/2045        | 12/16/2015         | 100,000,000         | 590,761           | 9,383,299           | -                     | -                      | 90,025,940      | 5.017%               | 100,000,000                          | 5,016,889         |
| 19   | 3.54% SERIES        | 3.540%           | 12/1/2051        | 12/15/2016         | 175,000,000         | 1,001,382         | 53,966,197          | -                     | -                      | 120,032,421     | 5.596%               | 175,000,000                          | 9,793,454         |
| 20   | Forecasted issuance | 4.554% 7         | 9/30/2047        | 9/30/2017          | 80,000,000 4        | 800,000           |                     | -                     | -                      | 79,199,995      | 4.616%               | 80,000,000                           | 3,692,724         |
| 21   |                     |                  |                  |                    |                     |                   |                     |                       |                        | 1,518,523,767   |                      | 1,658,000,000                        | 87,852,336        |
| 22   | Repurchase          | 2 8.85%          | 6/5/2028         | 5/24/2002          | 10,000,000          |                   |                     |                       | (2,228,153)            | 12,228,153      | 6.981%               |                                      | 3 -188,084        |
| 23   | Repurchase          | 2 8.83%          | 6/5/2028         | 4/3/2003           | 10,000,000          |                   |                     |                       | (450,769)              | 10,450,769      | 8.395%               |                                      | 3 -43,661         |
| 24   | Repurchase          | 2 8.83%          | 12/29/2022       | 3/11/2003          | 5,000,000           |                   |                     |                       | 92,363                 | 4,907,637       | 9.029%               |                                      | 3 10,341          |
| 25   | Repurchase          | 2 5.72%          | 3/1/2034         | 12/30/2009         | 17,000,000          |                   |                     |                       | 1,916,297              | 15,083,703      | 6.661%               |                                      | 3 159,446         |
| 26   | Repurchase          | 2 6.55%          | 10/1/2032        | 12/31/2008         | 66,700,000          |                   |                     |                       | 3,709,174              | 62,990,826      | 7.034%               |                                      | 3 324,360         |
| 27   |                     |                  |                  |                    |                     |                   |                     |                       |                        |                 |                      | 1,658,000,000                        | 88,114,738        |
| 28   |                     | 6 Short Term-Del |                  | <mark>_</mark>     | 100,000,000         |                   |                     |                       |                        |                 | 3.264%               | 100,000,000                          | 8 3,264,106       |
| 29   |                     | WA               | SHINGTON'S TOTA  | AL DEBT OUTSTA     | NDING AND COST O    | F DEBT AT May     | 1, 2018             |                       |                        |                 |                      | 1,758,000,000                        | 91,378,843        |
| 30   |                     |                  |                  |                    |                     |                   |                     | Weighted Average      | e Cost of Long-T       | erm Debt        | 5.31%                |                                      |                   |

- 1 Average Monthly Average Rate over a twelve month period
- 2 Coupon Rate at the time of repurchase
- 3 Calculated using the Internal Rate of Return method
- Forecasted issuance pursuant to the Company's internal forecast
  The Company forecast issuance expenses of 1% based on historical costs
- Short-Term Debt information comes from Exhibit No. MTT-2 Page 4
  Forecasted Rates are based on forward rates from Thomson Reuters analysis tools plus an estimated credit spread and the estimated impact of interest rate swaps
- 8 The weighted average cost of debt is equal to col (I) line 27 /col (k) line 27.

Source:

Thies, Exh. MTT-2 at 3.