Exhibit MPG-23 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-23**

#### **ACCURACY OF INTEREST RATES**

**OCTOBER 27, 2017** 

## **Avista Corporation**

# Accuracy of Interest Rate Forecasts (Long-Term Treasury Bond Yields - Projected Vs. Actual)

Publication Data			Actual Yield	Projected Yield		
		Prior Quarter	Projected	Projected	in Projected	Higher (Lower)
Line	Date	Actual Yield	Yield	Quarter	Quarter	Than Actual Yield*
		(1)	(2)	(3)	(4)	(5)
1	Dec-00	5.8%	5.8%	1Q, 02	5.6%	0.2%
2	Mar-01	5.7%	5.6%	2Q, 02	5.8%	-0.2%
3	Jun-01	5.4%	5.8%	3Q, 02	5.2%	0.6%
4 5	Sep-01 Dec-01	5.7% 5.5%	5.9% 5.7%	4Q, 02 1Q, 03	5.1% 5.0%	0.8% 0.7%
6	Mar-02	5.3%	5.9%	2Q, 03	4.7%	1.2%
7	Jun-02	5.6%	6.2%	3Q, 03	5.2%	1.0%
8	Sep-02	5.8%	5.9%	4Q, 03	5.2%	0.7%
9	Dec-02	5.2%	5.7%	1Q, 04	4.9%	0.8%
10	Mar-03	5.1%	5.7%	2Q, 04	5.4%	0.3%
11 12	Jun-03	5.0% 4.7%	5.4% 5.8%	3Q, 04 4Q, 04	5.1% 4.9%	0.3% 0.9%
13	Sep-03 Dec-03	5.2%	5.9%	1Q, 05	4.8%	1.1%
14	Mar-04	5.2%	5.9%	2Q, 05	4.6%	1.4%
15	Jun-04	4.9%	6.2%	3Q, 05	4.5%	1.7%
16	Sep-04	5.4%	6.0%	4Q, 05	4.8%	1.2%
17	Dec-04	5.1%	5.8%	1Q, 06	4.6%	1.2%
18 19	Mar-05 Jun-05	4.9% 4.8%	5.6% 5.5%	2Q, 06 3Q, 06	5.1% 5.0%	0.5% 0.5%
20	Sep-05	4.6%	5.2%	4Q, 06	4.7%	0.5%
21	Dec-05	4.5%	5.3%	1Q, 07	4.8%	0.5%
22	Mar-06	4.8%	5.1%	2Q, 07	5.0%	0.1%
23	Jun-06	4.6%	5.3%	3Q, 07	4.9%	0.4%
24	Sep-06	5.1%	5.2%	4Q, 07	4.6%	0.6%
25	Dec-06 Mar-07	5.0% 4.7%	5.0%	1Q, 08	4.4%	0.6% 0.5%
26 27	Jun-07	4.7%	5.1% 5.1%	2Q, 08 3Q, 08	4.6% 4.5%	0.5%
28	Sep-07	5.0%	5.2%	4Q. 08	3.7%	1.5%
29	Dec-07	4.9%	4.8%	1Q, 09	3.5%	1.4%
30	Mar-08	4.6%	4.8%	2Q, 09	4.0%	0.8%
31	Jun-08	4.4%	4.9%	3Q, 09	4.3%	0.6%
32	Sep-08	4.6%	5.1%	4Q, 09	4.3%	0.8%
33 34	Dec-08 Mar-09	4.5% 3.7%	4.6% 4.1%	1Q, 10 2Q, 10	4.6% 4.4%	0.0% -0.3%
35	Jun-09	3.5%	4.6%	3Q, 10	3.9%	0.8%
36	Sep-09	4.0%	5.0%	4Q, 10	4.2%	0.8%
37	Dec-09	4.3%	5.0%	1Q, 11	4.6%	0.4%
38	Mar-10	4.3%	5.2%	2Q, 11	4.3%	0.9%
39	Jun-10	4.6%	5.2%	3Q, 11	3.7%	1.5%
40 41	Sep-10 Dec-10	4.4% 3.9%	4.7% 4.6%	4Q, 11	3.0% 3.1%	1.7% 1.5%
42	Mar-11	4.2%	5.1%	1Q, 12 2Q, 12	2.9%	2.2%
43	Jun-11	4.6%	5.2%	3Q, 12	2.8%	2.5%
44	Sep-11	4.3%	4.2%	4Q, 12	2.9%	1.3%
45	Dec-11	3.7%	3.8%	1Q, 13	3.1%	0.7%
46	Mar-12	3.0%	3.8%	2Q, 13	3.2%	0.7%
47 48	Jun-12 Sep-12	3.1% 2.9%	3.7% 3.4%	3Q, 13 4Q, 13	3.7% 3.8%	0.0% -0.4%
49	Dec-12	2.8%	3.4%	1Q, 14	3.7%	-0.3%
50	Mar-13	2.9%	3.6%	2Q, 14	3.4%	0.2%
51	Jun-13	3.1%	3.7%	3Q, 14	3.3%	0.4%
52	Sep-13	3.2%	4.2%	4Q, 14	3.0%	1.2%
53	Dec-13	3.7%	4.2%	1Q, 15	2.6%	1.7%
54 55	Mar-14 Jun-14	3.8% 3.7%	4.4% 4.3%	2Q 15 3Q 15	2.9% 2.8%	1.5% 1.5%
56	Sep-14	3.4%	4.3%	4Q 15	3.0%	1.3%
57	Dec-14	3.3%	4.0%	1Q 16	2.7%	1.3%
58	Mar-15	3.0%	3.7%	2Q 16	2.6%	1.1%
59	Jun-15	2.6%	3.7%	3Q 16	2.3%	1.4%
60 61	Sep-15	2.9%	3.8%	4Q 16 1Q 17	2.8%	1.0%
62	Dec-15 Mar-16	2.8% 3.0%	3.7% 3.5%	1Q 17 2Q 17	3.0% 2.9%	0.7% 0.6%
63	Apr-16	2.7%	3.6%	3Q 17	2.376	0.076
64	May-16	2.7%	3.5%	3Q 17		
65	Jun-16	2.7%	3.4%	3Q 17		
66	Jul-16	2.7%	3.4%	4Q 17		
67	Aug-16	2.6%	3.1%	4Q 17		
68 69	Sep-16 Oct-16	2.6% 2.3%	3.1% 3.1%	4Q 17 1Q 18		
70	Nov-16	2.3%	3.1%	1Q 18		
71	Dec-16	2.3%	3.4%	1Q 18		
72	Jan-17	2.8%	3.7%	2Q 18		
73	Feb-17	2.8%	3.7%	2Q 18		
74 75	Mar-17	2.8% 3.1%	3.7%	2Q 18		
75 76	Apr-17 May-17	3.1%	3.8% 3.7%	3Q 18 3Q 18		
77	Jun-17	3.0%	3.7%	3Q 18		
78	Jul-17	2.9%	3.7%	4Q 18		
79	Aug-17	2.9%	3.7%	4Q 18		
80	Sep-17	2.9%	3.6%	4Q 18		

Source: Blue Chip Financial Forecasts, Various Dates. \* Col. 2 - Col. 4.