

BEFORE THE
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

DOCKET NO. UE-991606

EXHIBIT NO. ____ (KON-8)

WITNESS: KELLY O. NORWOOD, AVISTA CORP

WUTC		
DOCKET NO. <u>UE-991606</u>		
EXHIBIT # <u>211</u>		
ADMIT	W/D	REJECT
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 1f
Tabulation of Firm Requirements & Resources

The Washington Water Power Company																					
Retail Requirements and Resources																					
Figures in Mw																					
Line No.	--1996--		--1997--		--1998--		--1999--		--2000--		--2001--		--2002--		--2003--		--2004--		--2005--		
	RETAL REQUIREMENTS	Ex	Avg	Ex	Avg	Ex	Avg	Ex	Avg	Ex	Avg	Ex	Avg	Ex	Avg	Ex	Avg	Ex	Avg		
1	System Load	1521	918	1534	928	1558	942	1598	967	1626	982	1652	997	1675	1009	1694	1020	1713	1030	1731	1041
2	Redistributed Load	0	-5	-68	-40	-66	-40	-100	-60	-100	-60	-130	-80	-130	-80	-130	-80	-130	-80	-130	-80
3	PacifiCorp Exchange	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	BPA/WWP Exchange	68	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Reserves	242	0	243	0	246	0	250	0	253	0	255	0	258	0	259	0	261	0	263	0
6	TOTAL REQUIREMENTS	1831	937	1711	891	1738	905	1748	910	1779	925	1777	920	1803	932	1823	943	1844	953	1864	964
RETAL RESOURCES																					
7	System Hydro	938	314	938	314	938	314	938	314	938	314	938	314	938	314	938	314	938	314	938	314
8	Contract Hydro	198	87	198	87	198	87	198	87	198	87	198	87	198	87	198	87	198	87	198	87
9	Can Ent Rtn	-7	-2	-6	-2	-8	-2	-8	-4	-10	-5	-10	-5	-10	-5	-10	-5	-15	-5	-15	-4
10	Small Hydro	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	7	1
11	Cogeneration	59	55	59	55	59	55	59	55	59	55	59	55	59	55	59	55	59	55	59	55
12	Northeast CTs	69	54	69	54	69	54	69	54	69	54	69	54	69	54	69	54	69	54	69	54
13	Rathdrum CTs	176	82	176	82	176	82	176	82	176	82	176	82	176	82	176	82	176	82	176	82
14	PacifiCorp Exchange	50	3	50	3	50	3	50	3	50	3	50	3	50	3	50	3	50	3	50	3
15	BPA/WWP Exchange	0	11	29	26	32	29	32	29	32	12	0	0	0	0	0	0	0	0	0	0
16	Entitlement & Supplement	14	0	12	0	11	0	10	0	5	0	4	0	4	0	4	0	0	0	0	0
17	BPA #39216	79	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	BPA- WNP #3	82	33	82	35	90	39	90	39	90	39	90	39	90	39	90	39	90	39	90	39
19	CSFE	28	13	23	12	23	11	20	8	10	5	9	5	9	5	8	1	0	0	0	0
20	Short-term purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	Thermal- Centralia	201	177	201	177	201	177	201	177	201	177	201	177	201	177	201	177	201	177	201	177
22	Kettle Falls	48	45	48	45	48	45	48	45	48	45	48	45	48	45	48	45	48	45	48	45
23	Colstrip	216	184	225	191	225	191	225	191	225	191	225	191	225	191	225	191	225	191	225	191
24	TOTAL RESOURCES	2160	1093	2113	1088	2123	1094	2119	1089	2100	1068	2066	1056	2066	1056	2065	1052	2048	1049	2040	1040
25	RETAL SURPLUS/DEFICIT	329	156	402	197	385	189	371	179	321	143	289	136	264	124	242	109	204	96	176	76
Wholesale Requirements and Resources:																					
WHOLESALE SALES																					
26	Puget #2	100	75	100	75	100	75	100	75	100	75	67	50	33	25	0	0	0	0	0	0
27	PacifiCorp 1994	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	0	0	0
28	PGE #1	150	0	150	0	150	0	150	0	150	0	150	0	150	0	150	0	150	0	150	0
29	NW Aluminum	0	0	0	29	0	41	0	41	0	41	0	41	0	11	0	0	0	0	0	0
30	Snohomish 10-yr	0	9	75	41	100	50	100	50	100	50	100	50	100	50	100	50	100	50	100	50
31	Cogenitix 57 mo	0	0	47	85	162	134	100	100	100	100	100	75	0	0	0	0	0	0	0	0
32	Cogenitix 150	0	112	150	116	50	33	0	0	0	0	0	0	0	0	0	0	0	0	0	
33	West Kootenay	120	0	115	0	115	0	125	0	125	0	0	0	0	0	0	0	0	0	0	
34	Eugene Water & Electric	10	7	10	7	10	7	10	7	10	5	0	0	0	0	0	0	0	0	0	
35	Arizona Public Svc 10-yr	0	8	0	8	0	8	0	8	0	8	0	8	0	8	0	8	0	8	0	8
36	Riverside	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	0
37	PP&L 1989	100	33	50	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
38	Clark1 PUD	250	131	250	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
39	Clark2 PUD	0	18	115	83	230	114	230	114	230	114	230	63	0	0	0	0	0	0	0	
40	City of Cheney	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
41	TOTAL REQUIREMENTS	730	407	1064	553	919	477	817	410	817	408	649	302	283	107	250	71	250	62	250	58
WHOLESALE PURCHASES																					
42	BPA 2-yr	250	131	250	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
43	BPA 5-yr Purchase	0	29	115	115	115	115	115	115	115	115	86	0	0	0	0	0	0	0	0	
44	BPA -summer	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	
45	BPA Capacity	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	
46	Enron 3 yr	0	0	0	42	0	42	0	42	0	42	0	42	0	42	0	42	0	42	0	
47	Cinergy Services, Inc.*	0	0	0	0	0	0	25	14	25	14	25	14	0	0	0	0	0	0	0	
48	Energy Services, Inc.*	0	0	0	25	50	50	50	50	50	50	25	0	0	0	0	0	0	0	0	
49	Short-Term Purchases	101	88	247	94	319	78	0	0	0	0	0	0	0	0	0	0	0	0	0	
50	TOTAL RESOURCES	401	251	662	358	534	288	240	224	240	182	240	128	0	3	0	3	0	3	0	
51	RETAL SURPLUS/DEFICIT	329	156	402	197	385	189	371	179	321	143	289	136	264	124	242	109	204	96	176	76
52	ADJUSTED RESOURCES	730	407	1064	553	919	477	611	403	581	325	529	264	264	127	242	112	204	98	178	79
53	WHOLESALE SURPLUS/DEFICIT	0	0	0	0	0	0	-206	-7	-256	-83	-120	-38	-20	20	-8	41	-46	37	-74	21

*recent purchases not included in financial forecast

Redistributed Load

*-100
-356* *-130
-250*

"Draft" 11/10/99

Retail Requirements and Resources																				
Figures in Mwh																				
Line No	-2000-		-2001-		-2002-		-2003-		-2004-		-2005-		-2006-		-2007-		-2008-		-2009-	
	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg	Plk	Avg
BETAIL REQUIREMENTS																				
1	1557	1008	1594	1013	1557	971	1572	982	1608	1007	1649	1033	1692	1059	1738	1088	1788	1118	1837	1150
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	246	0	249	0	246	0	247	0	251	0	255	0	259	0	264	0	269	0	274	0
6	1803	1011	1843	1016	1803	974	1819	985	1859	1010	1904	1036	1951	1062	2002	1091	2057	1121	2111	1153
BETAIL RESOURCES																				
7	938	314	938	314	938	314	938	314	938	314	938	314	938	314	938	314	938	314	938	314
8	198	87	198	87	198	87	198	87	198	87	198	82	143	61	143	61	143	61	143	55
9	-10	-5	-10	-5	-10	-5	-10	-5	-15	-5	-15	-4	-11	-4	-10	-4	-10	-4	-10	-3
10	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11	12	11
11	59	55	59	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	69	5	69	5	69	5	69	5	69	5	69	5	69	5	69	5	69	5	69	5
13	176	82	176	82	176	82	176	82	176	82	176	82	176	82	176	82	176	82	176	82
14	50	3	50	3	50	3	50	3	50	3	50	3	50	3	50	3	50	3	50	3
15	32	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	5	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0
17	0	0	12	47	47	47	47	47	47	47	47	47	47	58	90	90	90	90	90	90
18	82	41	82	41	82	41	82	41	82	41	82	41	82	41	82	41	82	41	82	41
19	10	5	9	5	9	5	8	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	200	138	200	143	200	143	200	143	0	0	0	0	0	0	0	0	0	0	0	0
22	48	45	48	45	48	45	48	45	48	45	48	45	48	45	48	45	48	45	48	45
23	225	191	225	191	225	191	225	191	225	191	225	191	225	191	225	191	225	191	225	191
24	2094	984	2060	989	2048	969	2047	965	1830	821	1830	817	1779	807	1823	839	1823	839	1823	834
25	291	-27	217	-27	245	-5	228	-20	-29	-189	-74	-219	-172	-255	-179	-252	-234	-282	-288	-319
Wholesale Requirements and Resources:																				
WHOLESALE SALES																				
26	100	75	67	50	33	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	9	0	0	0	0
28	150	0	150	0	150	0	150	0	150	0	150	0	150	0	150	0	150	0	150	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	100	88	100	88	100	88	100	88	100	88	100	88	100	88	0	0	0	0	0	0
31	100	100	100	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	100	100	100	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	100	100	100	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	250	137	250	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	1068	651	894	454	283	122	250	97	250	97	250	97	250	97	150	9	150	0	150	0
WHOLESALE PURCHASES																				
42	0	19	0	19	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	115	115	115	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	100	100	100	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	100	100	100	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	14	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	50	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	340	423	340	285	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	291	-27	217	-27	245	-5	228	-20	-29	-189	-74	-219	-172	-255	-179	-252	-234	-282	-288	-319
52	631	396	557	258	245	2	228	-20	-29	-189	-74	-219	-172	-255	-179	-252	-234	-282	-288	-319
53	-437	-255	-337	-196	-38	-120	-22	-117	-279	-286	-324	-316	-422	-352	-329	-261	-384	-282	-438	-319

*renewal purchases not included in financial forecast