

**AVISTA CORP.
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	04/10/2009
CASE NO:	UE-090134 & UG-090135	WITNESS:	Richard L. Storro
REQUESTER:	Public Counsel	RESPONDER:	John Lyons, Ph.D.
TYPE:	Data Request	DEPT:	Energy Resources
REQUEST NO.:	PC - 089	TELEPHONE:	(509) 495-8515
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REQUEST:

Provide a table summarizing the capacity position (MW) Avista is "currently projecting", consistent with the energy positions described at page 4, lines 9-22 of the Direct Testimony of Richard L. Storro.

RESPONSE:

Please refer to "PC_DR_089 Attachment A" for a table summarizing the capacity position Avista is currently projecting through 2028.

Load and Resource Balance (MW)

	2010			2011			2012			2013		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Winter Peak Position												
REQUIREMENTS												
1 Native Load	(1,779)	(1,450)	(1,667)	(1,779)	(1,812)	(1,480)	(1,699)	(1,811)	(1,839)	(1,500)	(1,720)	(1,838)
2 Contracts Obligations	(240)	(241)	(241)	(239)	(239)	(240)	(240)	(239)	(239)	(240)	(240)	(238)
3 Total Requirements	(2,019)	(1,690)	(1,908)	(2,018)	(2,051)	(1,720)	(1,940)	(2,049)	(2,078)	(1,740)	(1,961)	(2,076)
RESOURCES												
4 Contracts Rights	657	573	558	656	557	473	458	537	539	442	430	537
5 Hydro Resources	1,030	1,145	1,131	1,006	1,000	1,113	1,104	977	972	1,104	1,077	1,104
6 Base Load Thermals	580	131	577	584	584	246	581	584	584	419	581	584
7 Peaking Units	226	208	200	226	226	208	200	226	226	208	200	226
8 Total Resources	2,493	2,057	2,465	2,471	2,366	2,040	2,343	2,323	2,321	2,173	2,288	2,451
9 PEAK POSITION	474	367	557	453	315	320	403	274	242	434	328	374
RESERVE PLANNING												
10 Planning Reserve Margin	(267)	(217)	(250)	(267)	(272)	(222)	(255)	(272)	(276)	(225)	(258)	(276)
11 RESERVE PEAK POSITION	207	149	307	186	43	98	148	2	(33)	209	70	98
12 POSITION EXCLUDING MAINT.	313	608	316	291	148	445	152	109	71	377	80	98
13 ABSSENT LANCASTER	32	341	52	11	(133)	178	(112)	(171)	(210)	110	(184)	(182)

Winter Peak Position	2013		2013		2013		2014		2014		2015		2015	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q4
REQUIREMENTS														
1 Native Load	-1,862	-1,517	-1,739	-1,860	-1,893	-1,543	-1,766	-1,890	-1,937	-1,581	-1,805	-1,932		
2 Contracts Obligations	-239	-239	-240	-238	-239	-239	-240	-238	-164	-164	-165	-163		
3 Total Requirements	-2,101	-1,756	-1,979	-2,098	-2,132	-1,782	-2,006	-2,129	-2,101	-1,744	-1,970	-2,095		
RESOURCES														
4 Contracts Rights	539	494	425	537	539	494	425	537	464	419	350	462		
5 Hydro Resources	997	1,104	1,028	1,102	997	1,104	1,051	1,099	997	1,104	1,028	1,101		
6 Base Load Thermals	584	587	581	584	584	587	581	584	584	587	581	584		
7 Peaking Units	226	132	200	226	226	208	200	226	226	208	200	226		
8 Total Resources	2,346	2,317	2,234	2,448	2,346	2,393	2,257	2,445	2,271	2,318	2,159	2,372		
PEAK POSITION	246	560	255	350	214	611	251	316	170	573	189	276		
RESERVE PLANNING														
10 Planning Reserve Margin	-279	-228	-261	-279	-284	-231	-265	-284	-291	-237	-271	-290		
RESERVE PEAK POSITION	-34	333	-6	71	-70	379	-14	33	-120	336	-82	-13		
POSITION EXCLUDING MAINT.	66	409	31	74	30	379	0	38	-20	336	-45	-10		
POSITION EXCLUDING MAINT.	-215	134	-233	-206	-251	104	-264	-242	-301	61	-309	-290		
13 ABSENT LANCASTER														

Winter Peak Position	2016		2016		2016		2017		2017		2018		2018	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
REQUIREMENTS														
1 Native Load	-1,967	-1,605	-1,830	-1,961	-1,998	-1,631	-1,858	-1,991	-2,033	-1,659	-1,887	-2,025		
2 Contracts Obligations	-164	-164	-165	-163	-14	-14	-15	-13	-14	-14	-15	-11		
3 Total Requirements	-2130.63	-1768.62	-1995.41	-2124.05	-2011.94	-1644.32	-1872.48	-2004.47	-2046.4	-1672.6	-1902.26	-2036.2		
RESOURCES														
4 Contracts Rights	464	419	350	462	464	419	350	462	464	419	350	460		
5 Hydro Resources	997	1,104	1,049	1,102	970	1,104	1,022	1,102	997	1,104	1,022	1,076		
6 Base Load Thermals	584	587	581	584	584	584	581	584	584	584	581	584		
7 Peaking Units	226	208	200	226	226	208	200	226	226	208	200	226		
8 Total Resources	2,271	2,318	2,180	2,373	2,244	2,034	2,152	2,373	2,271	2,034	2,152	2,345		
PEAK POSITION	141	549	184	249	232	390	280	369	225	361	250	309		
RESERVE PLANNING														
10 Planning Reserve Margin	-295	-241	-275	-294	-300	-245	-279	-299	-305	-249	-283	-304		
RESERVE PEAK POSITION	-154	309	-90	-45	-67	145	1	70	-80	112	-33	6		
POSITION EXCLUDING MAINT.														
POSITION EXCLUDING MAINT.	-54	309	-74	-43	60	429	45	72	20	396	11	8		
ABSENT LANCASTER	-335	34	-338	-323	-221	154	-219	-208	-261	121	-253	-272		

Winter Peak Position	2019		2019		2019		2020		2020		2021		2021	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q4
REQUIREMENTS														
1 Native Load	-2,062	-1,683	-1,912	-2,053	-2,091	-1,707	-1,938	-2,082	-2,124	-1,734	-1,966	-2,113		
2 Contracts Obligations	-12	-12	-13	-11	-12	-12	-13	-11	-12	-12	-13	-11		
3 Total Requirements	-2,074	-1,695	-1,925	-2,064	-2,103	-1,719	-1,951	-2,093	-2,136	-1,746	-1,979	-2,125		
RESOURCES														
4 Contracts Rights	462	414	346	370	372	371	346	370	372	371	346	370		
5 Hydro Resources	971	1,078	1,021	1,075	971	1,078	1,023	1,076	944	1,078	996	1,076		
6 Base Load Thermals	584	587	581	584	584	587	581	584	584	303	581	584		
7 Peaking Units	226	208	200	226	226	208	200	226	226	208	200	226		
8 Total Resources	2,242	2,288	2,147	2,254	2,153	2,244	2,150	2,256	2,126	1,960	2,122	2,256		
PEAK POSITION	169	593	222	190	50	525	198	163	-10	214	143	131		
RESERVE PLANNING														
10 Planning Reserve Margin	-309	-252	-287	-308	-314	-256	-291	-312	-319	-260	-295	-317		
RESERVE PEAK POSITION	-140	341	-65	-118	-264	269	-92	-149	-328	-46	-152	-186		
POSITION EXCLUDING MAINT.	-40	341	-46	-114	-164	269	-76	-147	-201	238	-108	-184		
POSITION EXCLUDING MAINT.	-321	66	-310	-394	-445	-6	-340	-427	-482	-37	-372	-464		
13 ABSENT LANCASTER														

Winter Peak Position	2022		2022		2022		2023		2023		2024		2024	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q4
REQUIREMENTS														
1 Native Load	-2,154	-1,759	-1,993	-2,143	-2,185	-1,784	-2,019	-2,173	-2,222	-1,815	-2,051	-2,209		
2 Contracts Obligations	-12	-12	-13	-11	-12	-12	-13	-11	-12	-12	-13	-11		
3 Total Requirements	-2166.31	-1770.73	-2005.68	-2154.39	-2197.06	-1795.97	-2032.25	-2184.25	-2234.13	-1826.4	-2064.3	-2220.28		
RESOURCES														
4 Contracts Rights	372	369	346	369	371	368	346	369	371	368	346	369		
5 Hydro Resources	971	1,078	996	1,076	971	1,078	993	1,075	971	1,078	1,028	1,078		
6 Base Load Thermals	584	303	581	584	584	587	581	584	584	587	581	584		
7 Peaking Units	226	208	200	226	226	208	200	226	226	208	200	226		
8 Total Resources	2,153	1,958	2,122	2,255	2,152	2,241	2,119	2,253	2,152	2,241	2,155	2,257		
9 PEAK POSITION	-14	188	116	101	-45	445	87	69	-82	415	90	37		
RESERVE PLANNING														
10 Planning Reserve Margin	-323	-264	-299	-321	-328	-268	-303	-326	-333	-272	-308	-331		
11 RESERVE PEAK POSITION	-337	-76	-182	-221	-373	178	-216	-257	-416	143	-217	-295		
12 POSITION EXCLUDING MAINT.	-237	208	-139	-219	-273	178	-169	-253	-316	143	-206	-295		
13 ABSENT LANCASTER	-518	-67	-403	-499	-554	-97	-433	-533	-597	-132	-470	-575		

Winter Peak Position		2025		2025		2025		2026		2026		2027		2027	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
REQUIREMENTS															
1	Native Load	-2,261	-1,846	-2,085	-2,247	-2,320	-1,896	-2,136	-2,302	-2,352	-1,922	-2,164	-2,334		
2	Contracts Obligations	-12	-12	-13	-11	-12	-12	-13	-11	-12	-12	-13	-11		
3	Total Requirements	-2272.98	-1858.27	-2097.87	-2258.03	-2331.43	-1907.73	-2149.07	-2313.79	-2363.65	-1934.19	-2176.93	-2345.09		
RESOURCES															
4	Contracts Rights	371	368	346	369	371	368	346	89	90	93	82	89		
5	Hydro Resources	944	1,078	996	1,076	971	1,078	996	1,076	971	1,078	1,002	1,075		
6	Base Load Thermals	584	303	581	584	584	303	581	584	584	587	581	584		
7	Peaking Units	226	208	200	226	226	208	200	226	226	208	200	226		
8	Total Resources	2,125	1,957	2,122	2,255	2,152	1,957	2,122	1,975	1,871	1,966	1,864	1,973		
9	PEAK POSITION	-148	99	24	-3	-180	49	-27	-339	-493	32	-313	-372		
RESERVE PLANNING															
10	Planning Reserve Margin	-339	-277	-313	-337	-348	-284	-320	-345	-353	-288	-325	-350		
11	RESERVE PEAK POSITION	-487	-178	-289	-340	-528	-235	-348	-684	-846	-256	-637	-722		
12	POSITION EXCLUDING MAINT.	-360	106	-245	-338	-428	49	-304	-682	-746	-256	-600	-718		
13	POSITION EXCLUDING MAINT.	-641	-169	-509	-618	-709	-226	-568	-682	-746	-256	-600	-718		
	ABSENT LANCASTER														

Winter Peak Position		2028		2028		2028		2028	
		Q1	Q2	Q3	Q4				
REQUIREMENTS									
1	Native Load	-2,387	-1,951	-2,194	-2,367				
2	Contracts Obligations	-12	-12	-13	-11				
3	Total Requirements	-2398.43	-1962.74	-2206.98	-2378.88				
RESOURCES									
4	Contracts Rights	90	93	82	89				
5	Hydro Resources	971	1,078	1,023	1,078				
6	Base Load Thermals	584	587	581	584				
7	Peaking Units	226	208	200	226				
8	Total Resources	1,871	1,966	1,885	1,977				
9	PEAK POSITION	-528	3	-322	-402				
RESERVE PLANNING									
10	Planning Reserve Margin	-358	-293	-329	-355				
11	RESERVE PEAK POSITION	-886	-289	-651	-757				
12	POSITION EXCLUDING MAINT.	-786	-289	-634	-757				
13	ABSENT LANCASTER	-786	-289	-634	-757				