

**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 - 088	TELEPHONE:	(509) 495-8515
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**REQUEST:**

Provide a table summarizing the energy positions (in aMW) Avista is "currently projecting" through 2028, which are described at page 4, lines 9-22 of the Direct Testimony of Richard L. Storro.

**RESPONSE:**

Please refer to "PC\_DR\_088 Attachment A" for a table summarizing the energy positions Avista is currently projecting through 2028.

**Load and Resource Balance (aMW)**

Energy Position	2010			2011			2012			2013		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>REQUIREMENTS</b>												
1 Native Load	-1,242	-1,043	-1,104	-1,202	-1,265	-1,065	-1,130	-1,225	-1,285	-1,081	-1,146	-1,243
2 Contract Obligations	-139	-140	-140	-138	-139	-139	-140	-138	-139	-139	-140	-138
3 Total Requirements	-1,382	-1,183	-1,245	-1,340	-1,404	-1,205	-1,270	-1,363	-1,424	-1,220	-1,286	-1,380
<b>RESOURCES</b>												
4 Contract Rights	676	524	567	649	576	511	467	530	559	429	437	523
5 Hydro	499	826	453	376	480	805	435	365	464	794	418	361
6 Thermal Resources	557	453	545	558	560	448	547	558	560	442	547	558
7 Total Resources	1,732	1,802	1,565	1,582	1,616	1,764	1,449	1,452	1,583	1,665	1,402	1,441
8 POSITION	350	620	320	242	212	560	179	89	159	444	115	61
<b>CONTINGENCY PLANNING</b>												
9 Contingency Total	-249	-278	-208	-174	-250	-278	-209	-175	-246	-270	-207	-176
10 Peaking Resources	148	137	182	145	148	137	182	145	148	137	182	145
11 CONTINGENCY NET POSITION	249	479	294	213	109	419	152	59	61	312	91	30
12 ABSENT LANCASTER	-16	310	42	-51	-156	249	-100	-205	-204	98	-161	-234

Energy Position	2013		2013		2013		2013		2014		2014		2015		2015	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>REQUIREMENTS</b>																
1 Native Load	-1,300	-1,094	-1,160	-1,257	-1,321	-1,112	-1,178	-1,277	-1,354	-1,140	-1,207	-1,307				
2 Contract Obligations	-139	-139	-140	-138	-139	-139	-140	-138	-64	-64	-65	-62				
3 Total Requirements	-1,439	-1,233	-1,300	-1,394	-1,460	-1,251	-1,318	-1,414	-1,417	-1,204	-1,272	-1,369				
<b>RESOURCES</b>																
4 Contract Rights	550	472	437	523	550	385	437	523	475	397	362	448				
5 Hydro	473	794	418	361	473	794	418	361	473	794	418	361				
6 Thermal Resources	560	439	547	558	560	502	547	558	560	403	547	558				
7 Total Resources	1,582	1,706	1,402	1,441	1,582	1,681	1,402	1,441	1,507	1,595	1,327	1,366				
<b>8 POSITION</b>	144	473	102	47	122	430	83	27	90	391	55	-3				
<b>CONTINGENCY PLANNING</b>																
9 Contingency Total	-247	-270	-207	-177	-248	-271	-208	-177	-249	-271	-209	-178				
10 Peaking Resources	148	99	182	145	148	137	182	145	148	137	182	145				
<b>11 CONTINGENCY NET POSITION</b>	45	302	77	15	22	297	58	-6	-12	257	28	-37				
<b>12 ABSSENT LANCASTER</b>	-220	44	-175	-249	-243	127	-194	-270	-277	0	-224	-301				

Energy Position	2016		2016		2016		2017		2017		2018		2018			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>REQUIREMENTS</b>																
1 Native Load	-1,375	-1,157	-1,225	-1,325	-1,396	-1,174	-1,243	-1,345	-1,419	-1,194	-1,264	-1,366				
2 Contract Obligations	-64	-64	-65	-62	-11	-12	-12	-11	-11	-12	-12	-10				
3 Total Requirements	-1,439	-1,221	-1,290	-1,387	-1,407	-1,186	-1,256	-1,356	-1,431	-1,206	-1,276	-1,376				
<b>RESOURCES</b>																
4 Contract Rights	475	354	362	448	423	345	310	396	423	258	310	394				
5 Hydro	473	794	418	361	473	794	418	361	473	794	414	348				
6 Thermal Resources	560	439	547	558	560	449	547	558	560	411	547	558				
7 Total Resources	1,508	1,587	1,327	1,366	1,455	1,588	1,274	1,314	1,455	1,463	1,271	1,300				
8 POSITION	69	367	37	-21	48	402	19	-41	24	257	-5	-77				
<b>CONTINGENCY PLANNING</b>																
9 Contingency Total	-250	-272	-209	-179	-251	-272	-210	-180	-253	-273	-211	-181				
10 Peaking Resources	148	137	182	145	148	137	182	145	148	137	182	145				
11 CONTINGENCY NET POSITION	-33	232	10	-56	-56	267	-9	-77	-81	122	-34	-113				
12 ABSENT LANCASTER	-298	19	-242	-320	-321	10	-261	-341	-346	-48	-286	-377				

Energy Position	2019		2019		2019		2020		2020		2021		2021			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>REQUIREMENTS</b>																
1 Native Load	-1,439	-1,210	-1,281	-1,385	-1,461	-1,227	-1,299	-1,403	-1,482	-1,246	-1,318	-1,424				
2 Contract Obligations	-10	-11	-11	-10	-10	-11	-11	-10	-10	-11	-11	-10				
3 Total Requirements	-1,450	-1,221	-1,293	-1,395	-1,471	-1,238	-1,310	-1,413	-1,493	-1,257	-1,330	-1,434				
<b>RESOURCES</b>																
4 Contract Rights	420	339	306	325	335	278	306	325	335	322	305	325				
5 Hydro	458	777	403	348	458	777	403	348	458	777	403	348				
6 Thermal Resources	560	415	547	558	560	456	547	558	560	457	547	558				
7 Total Resources	1,438	1,531	1,256	1,232	1,353	1,512	1,256	1,232	1,353	1,555	1,256	1,231				
<b>8 POSITION</b>	-12	310	-36	-163	-118	273	-54	-182	-140	299	-74	-203				
<b>CONTINGENCY PLANNING</b>																
9 Contingency Total	-250	-267	-195	-138	-208	-239	-195	-139	-209	-240	-196	-140				
10 Peaking Resources	148	137	182	145	148	137	182	145	148	137	182	145				
<b>11 CONTINGENCY NET POSITION</b>	-115	180	-49	-157	-178	172	-67	-177	-202	196	-88	-198				
<b>CONTINGENCY NET POSITION</b>																
<b>12 ABSENT LANCASTER</b>	-380	-77	-301	-421	-443	-42	-320	-441	-467	-61	-340	-462				

Energy Position	2022		2022		2023		2023		2024		2024	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>REQUIREMENTS</b>												
1 Native Load	-1,503	-1,263	-1,336	-1,443	-1,525	-1,280	-1,355	-1,462	-1,551	-1,302	-1,377	-1,485
2 Contract Obligations	-10	-11	-11	-10	-10	-11	-11	-10	-10	-11	-11	-10
3 Total Requirements	-1,514	-1,274	-1,348	-1,453	-1,535	-1,291	-1,366	-1,472	-1,561	-1,312	-1,388	-1,495
<b>RESOURCES</b>												
4 Contract Rights	334	233	305	325	333	320	305	325	333	320	305	325
5 Hydro	458	777	403	348	458	777	403	348	458	777	403	348
6 Thermal Resources	560	411	547	558	560	415	547	558	560	451	547	558
7 Total Resources	1,352	1,421	1,256	1,231	1,351	1,512	1,255	1,231	1,351	1,548	1,255	1,231
<b>8 POSITION</b>	-162	147	-92	-222	-184	221	-111	-242	-210	236	-133	-265
<b>CONTINGENCY PLANNING</b>												
9 Contingency Total	-210	-240	-197	-141	-211	-240	-198	-142	-213	-241	-198	-143
10 Peaking Resources	148	137	182	145	148	137	182	145	148	137	182	145
<b>11 CONTINGENCY NET POSITION</b>	-225	45	-107	-219	-248	118	-126	-239	-275	132	-149	-263
<b>12 ABSENT LANCASTER</b>	-490	-125	-359	-483	-513	-140	-378	-503	-540	-125	-401	-527

Energy Position	2025		2025		2025		2025		2026		2026		2026		2027		2027	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q4
<b>REQUIREMENTS</b>																		
1 Native Load	-1,577	-1,324	-1,400	-1,510	-1,619	-1,360	-1,438	-1,549	-1,642	-1,378	-1,457	-1,569						
2 Contract Obligations	-10	-11	-11	-10	-10	-11	-10	-10	-10	-11	-10	-10						
3 Total Requirements	-1,588	-1,334	-1,411	-1,520	-1,630	-1,371	-1,449	-1,559	-1,652	-1,389	-1,468	-1,579						
<b>RESOURCES</b>																		
4 Contract Rights	333	276	305	325	333	232	305	149	68	62	53	61						
5 Hydro	458	777	403	348	458	777	403	348	458	777	403	348						
6 Thermal Resources	560	458	547	558	560	412	547	558	560	427	547	558						
7 Total Resources	1,351	1,511	1,255	1,231	1,351	1,421	1,255	1,055	1,086	1,266	1,003	967						
8 POSITION	-237	176	-156	-289	-279	50	-194	-504	-566	-123	-465	-613						
<b>CONTINGENCY PLANNING</b>																		
9 Contingency Total	-214	-241	-199	-144	-216	-242	-200	-146	-217	-242	-201	-147						
10 Peaking Resources	148	137	182	145	148	137	182	145	148	137	182	145						
11 CONTINGENCY NET POSITION	-303	72	-173	-289	-347	-54	-212	-506	-636	-228	-484	-615						
12 ABSENT LANCASTER	-568	-142	-425	-553	-612	-224	-464	-594	-636	-228	-484	-615						

Energy Position		2028		2028		2028		2028		
		Q1	Q2	Q3	Q4					
<b>REQUIREMENTS</b>										
1	Native Load	-1,666	-1,398	-1,478	-1,591					
2	Contract Obligations	-10	-11	-11	-10					
3	Total Requirements	-1,677	-1,409	-1,489	-1,601					
<b>RESOURCES</b>										
4	Contract Rights	68	62	53	61					
5	Hydro	458	777	403	348					
6	Thermal Resources	560	451	547	558					
7	Total Resources	1,086	1,291	1,003	967					
8	<b>POSITION</b>	-591	-118	-486	-635					
<b>CONTINGENCY PLANNING</b>										
9	Contingency Total	-218	-243	-202	-148					
10	Peaking Resources	148	137	182	145					
11	<b>CONTINGENCY NET POSITION</b>	-661	-224	-505	-638					
12	<b>CONTINGENCY NET POSITION</b>	-661	-224	-505	-638					
<b>ABSENT LANCASTER</b>										