

BEFORE THE WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION

DOCKET NO. UE-05-\_\_\_\_\_

EXHIBIT No. \_\_\_\_ (RRP-10)

RONALD R. PETERSON

REPRESENTING AVISTA CORPORATION

**Avista Utilities**  
**Long-Term Energy Load and Resource Tabulation (aMW)**  
**2005-2024**

**August 13, 2004**

**Long-Term Energy Load and Resource Tabulation (aMW)**  
**CONFIDENTIAL**

Last Updated	August 13, 2004	Notes	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>AVERAGE LOAD &amp; HYDRO PLANNING</b>												
<b>REQUIREMENTS</b>												
1	(1,008)	(1,041)	(1,063)	(1,093)	(1,126)	(1,156)	(1,187)	(1,212)	(1,237)	(1,265)		
2	(61)	(59)	(59)	(59)	(59)	(57)	(57)	(56)	(56)	(56)		
<b>Total Requirements</b>	<b>(1,069)</b>	<b>(1,100)</b>	<b>(1,122)</b>	<b>(1,152)</b>	<b>(1,185)</b>	<b>(1,213)</b>	<b>(1,244)</b>	<b>(1,268)</b>	<b>(1,293)</b>	<b>(1,320)</b>		
<b>RESOURCES</b>												
4	216	233	236	235	236	235	131	113	113	106		
3	532	511	511	511	505	481	477	461	460	459		
5	241	234	234	242	232	236	240	235	234	238		
6	162	157	162	154	162	157	162	154	162	157		
<b>Total Resources</b>	<b>1,151</b>	<b>1,136</b>	<b>1,143</b>	<b>1,143</b>	<b>1,135</b>	<b>1,109</b>	<b>1,010</b>	<b>963</b>	<b>970</b>	<b>961</b>		
<b>POSITION</b>	<b>82</b>	<b>36</b>	<b>21</b>	<b>(10)</b>	<b>(50)</b>	<b>(104)</b>	<b>(234)</b>	<b>(304)</b>	<b>(324)</b>	<b>(360)</b>		
<b>CONTINGENCY PLANNING</b>												
7	(163)	(160)	(160)	(160)	(159)	(155)	(155)	(151)	(151)	(151)		
8	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)	(31)		
9	139	135	138	138	137	134	138	138	137	138		
<b>CONTINGENCY NET POSITION</b>	<b>27</b>	<b>(21)</b>	<b>(32)</b>	<b>(63)</b>	<b>(104)</b>	<b>(156)</b>	<b>(282)</b>	<b>(349)</b>	<b>(369)</b>	<b>(404)</b>		

**Notes:**

1. Load estimates are from the 2005 load forecast (07-27-2004) including the forecast for net Potlatch load.
2. Includes Nichols Pumping and Canadian Entitlement Return contracts. Does not include WNP-3 Obligation.
3. Average (60-year) hydro generation for system hydro (Clark Fork and Spokane River projects) and contract hydro (Mid-Columbia) based on NWPP 2003-04 Headwater Benefits Study, modified for daily spill. Mid-C numbers reflect the Priest Rapids and Wanapum contract extensions beginning in 2005.
4. Includes small PURPA contracts, Upriver, El Paso 2004-2006 25 MW flat, Duke 2004-2006 50 MW flat, Morgan Stanley 2004-2006 25 MW flat, El Paso 2007-2010 75 MW flat, BP Energy 2007-2010 25 MW flat, Grant Displacement, PPM Wind, and WNP-3 Receipt.
5. Includes Colstrip and Kettle Falls at full capability, adjusted for maintenance and forced outage.
6. Includes Coyote Springs 2, Coyote Springs 2 duct burner, Boulder Park, and Kettle Falls CT at full capability, adjusted for maintenance and forced outage. The confidence interval represents the 12-month average of reserve energy necessary to ensure no more than a 10 percent probability of loads exceeding, and/or hydro underperforming, during a given month.
7. Represents highest level of potential obligation to BPA generally exercised under low hydro conditions.
8. Includes Northeast and Rathdrum at full capability, adjusted for forced outage and maintenance.
9. Northeast is limited to 1,700 hours of operation per year, which has been applied to the period of highest typical market prices.

**Avista Utilities**  
**Long-Term Peak Load and Resource Tabulation (MW)**  
**2005-2024**

**September 1, 2004**

**Long-Term Capacity Load and Resource Tabulation (MW)**  
**CONFIDENTIAL**

Last Updated September 1, 2004      Notes      2005      2006      2007      2008      2009      2010      2011      2012      2013      2014

<b>PEAK LOAD AND RESOURCE PLANNING</b>											
<b>REQUIREMENTS</b>											
1	System Load	(1,549)	(1,604)	(1,637)	(1,683)	(1,723)	(1,779)	(1,813)	(1,864)	(1,903)	(1,945)
2	Contracts Obligations	(170)	(166)	(166)	(166)	(161)	(161)	(159)	(159)	(159)	(159)
	<b>Total Requirements</b>	<b>(1,718)</b>	<b>(1,770)</b>	<b>(1,803)</b>	<b>(1,849)</b>	<b>(1,884)</b>	<b>(1,940)</b>	<b>(1,972)</b>	<b>(2,023)</b>	<b>(2,062)</b>	<b>(2,104)</b>
<b>RESOURCES</b>											
4	Contracts Rights	212	212	215	215	216	215	97	98	98	98
3	Hydro Resources	1,108	1,101	1,093	1,093	1,039	1,032	1,001	979	992	991
5	Base Load Thermals	275	275	275	275	275	275	275	275	275	275
6	Gas Dispatch Units	171	166	166	170	166	166	171	166	166	170
7	Peaking Units	243	243	243	243	243	243	243	243	243	243
	<b>Total Resources</b>	<b>2,008</b>	<b>1,997</b>	<b>1,992</b>	<b>1,996</b>	<b>1,939</b>	<b>1,932</b>	<b>1,786</b>	<b>1,761</b>	<b>1,774</b>	<b>1,777</b>
	<b>PEAK POSITION</b>	<b>289</b>	<b>227</b>	<b>189</b>	<b>147</b>	<b>55</b>	<b>(9)</b>	<b>(186)</b>	<b>(262)</b>	<b>(289)</b>	<b>(327)</b>

<b>RESERVE PLANNING</b>											
8	Planning Reserve Margin	(245)	(250)	(254)	(258)	(262)	(268)	(271)	(276)	(280)	(285)
	<b>RESERVE PEAK POSITION</b>	<b>45</b>	<b>(23)</b>	<b>(65)</b>	<b>(111)</b>	<b>(208)</b>	<b>(277)</b>	<b>(457)</b>	<b>(538)</b>	<b>(569)</b>	<b>(612)</b>

**Notes:**

All data based on monthly peak deficits from period November through February.

1. Load estimates are from the 2005 peak load forecast (07-27-2004) including the forecast for net Pollatch load.
2. Includes Nichols Pumping, Canadian Entitlement Return, and PGE Capacity contracts.
3. Peak hydro generation for system hydro (Clark Fork and Spokane River projects, excluding maintenance) and contract hydro (Mid-Columbia, including maintenance). Mid-C numbers reflect the Priest Rapids and Wanapum contract extensions beginning in 2005.
4. Includes small PURPA contracts, Upriver, El Paso 2004-2006 25 MW flat, Duke 2004-2006 50 MW flat, Morgan Stanley 2004-2006 25 MW flat, El Paso 2007-2010 75 MW flat, BP Energy 2007-2010 25 MW flat, Grant Displacement, and WNP-3 Receipt.
5. Includes Colstrip and Kettle Falls, adjusted for maintenance.
6. Includes 50% of Coyote Springs 2 and Coyote Springs 2 duct burner, Boulder Park, and Kettle Falls CT, adjusted for maintenance.
7. Includes Northeast and Rathdrum, adjusted for maintenance.
8. Includes 10% of peak load (to approximate load variability) and 90 MW (to approximate the risk of river freeze-up and partial forced outages).