

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION  
RESPONSE TO DATA REQUEST

DATE PREPARED: June 7, 2000  
CASE NO: UE-991606  
UG-91607  
REQUESTER: Avista Corporation

WITNESS: Alan Buckley  
RESPONDER: Alan Buckley  
TELEPHONE: (360) 664-1306

**REQUEST NO. 4:**

Buckley, P. 30, Line 12: Provide a numerical example of the conceptual effect that you are seeking to describe where hourly dispatch would produce a different result than monthly dispatch.

**RESPONSE:**

The simplest example that best describes the conceptual effect would be a situation in which the Company is in complete load/resource energy balance for a particular month. The Company model would indicate no short-term energy purchases or sales. However, given a differential between low-load hours and high-load hours the Company's storage hydro facilities could be used to minimize overall net costs. An example would be if 10 aMWs (or 7300 MWhs) in a month could be stored and moved to high-load hours. The Company could purchase low-load hour energy to meet its load during low-load hours and then generate additional energy during the high-load hours to sell into the market. A low-load/high-load hour differential of \$5.00/MWh would result in a net benefit of \$36,500 for the month as compared to a monthly model that showed no sales or purchases.

<b>WUTC</b>		
DOCKET NO. <u>UE-991606</u>		
EXHIBIT # <u>5162</u>		
ADMIT <input checked="" type="checkbox"/>	W/D <input type="checkbox"/>	REJECT <input type="checkbox"/>