

AVISTA CORP.
RESPONSE TO REQUEST FOR INFORMATION

JURISDICTION:	Washington	DATE PREPARED:	1/3/00
CASE NO:	UE-991606		
	UG-991607	WITNESS:	Bruce Folsom
REQUESTER:	Public Counsel	RESPONDER:	Jon Powell
TYPE:	Data Request	DEPT:	Rates
DUE DATE:	1/4/2000	TELEPHONE:	(509) 495-4047
REQUEST NO.:	20	FIELD AUDIT:	___ Yes <u>X</u> No

REQUEST:

Provide any studies the Company has on the load factors of residential lights and appliance usage, residential water heat usage, and residential space heating usage.

RESPONSE:

The Company has not completed any studies on the load factors of residential lights, appliance or space / water heating end-uses.

Historically the purpose of most of the Company's load research has been to provide useful information for the implementation of cost-effective energy efficiency programs. The avoided costs employed in determining the energy benefit of these energy efficiency measures are based upon the annual avoided costs filed as part of the Company's Integrated Resource Plan. Since these costs are not differentiated by time-of-use period, nor is there a separable capacity value, the load factor of the stream of energy savings has been irrelevant to the cost-effectiveness.

The prospects for targeting energy efficiency measures and load management to reduce heavy-load time-of-use periods was discussed at the November 18-19, 1999 meeting of the our External Energy Efficiency (also known as "Triple-E") Board. The concept, and the consequential need for more detailed load research and avoided cost values, was positively received. At present the development process is in the conceptual phase. We tentatively plan on using the load shapes being developed for the Northwest Power Planning Councils Regional Technical Forum to evaluate these program concepts.

WUTC		
DOCKET NO.	<u>UE-991606</u>	
EXHIBIT #	<u>325</u>	
ADMIT	W/D	REJECT
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>