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WASH. UTIL. AND TRANSP. COMMISSION
RECORDS MANAGEMENT

To: WUTC and IPUC (Supplemental Comments)

From: **TAC member: David G. Van Hersett, Professional Engineer Ret. Avista TAC member since the beginning, WWP/Avista residential customer since 1967 (50 years).**

Reference: **Customer Comments** for Avista's 2017 Electric IRP for WUTC and IPUC's consideration

IDAHO COMMISSION Docket N. AVU-E-17-08 WASHINGTON DOCKET NO. UE-161036

**Thank you WUTC Commissioners for coming to Spokane** to hear our comments on the IRP for Avista. **I was embarrassed as the majority of the persons giving comments were not Avista customers.** This is the reason for my supplemental comments. They were environmental groups that want Avista to not use coal fired generation. **These persons do not have to live with the consequences of their recommendations, I do. Therefore, the Commissioners should disregard their comments.**

**I have participated as a TAC member for the IRP since its inception. Avista has always presented a very good analysis of the technical and regulatory options and constraints to produce a 20-year plan for low cost and reliable generation resources for its customers.**

**99% of Avista Customers want low cost and reliable power resources.** Only 1% of Avista customers chose to participate in Wind and Solar projects. **Conclusion, the great majority of customers want low cost and reliable power resources.**

**ENCOURAGE CUSTOMER BASED GENERATION** to take advantage of the following major benefits. (1) same load profile as customer, (2) no transmission penalty, and (3) generation revenue makes a stronger long term customer. **A WIN FOR ALL PARTIES.**

**We have two customer based renewable energy sources in the Avista service area. (1) WOOD WASTE from the operations of the forest products industry and (2) REFUSE from the population in our area.** There are already proven generation resources using these two renewable resources in our area, sawmill cogeneration such as Vaagan Brothers (5 MW) in Colville, WA and the Spokane Waste-to-Energy plant (25 MW) at the Spokane International Airport. **Thus we have a time proven energy resource.**

**The population refuse produced in the Spokane-Cour'D Alene area will support another 25 MW of generation.** On the average you get one ton of refuse per person per year. 10,000 tons produces 1 MW of energy. **Thus from 500,000-person population we have another 25 MW renewable energy resource right here in the Spokane area. The Energy cogeneration potential from Avista customers is another 50 to 100 MW.** This could be captured by a long term program encouraging customers to install cogeneration over the next 20 years. **Note that Avista is looking at 50 MW of Peaking Cogeneration from its customers existing emergency generation currently installed in their facilities. Thus, customer generation is considered a viable long-term energy and peaking resource.**