

PUBLIC UTILITY DISTRICT NO. 1 OF CLALLAM COUNTY  
MINUTES OF A WORK SESSION OF  
THE BOARD OF COMMISSIONERS  
FEBRUARY 15, 2006

The Board of Commissioners of Public Utility District No. 1 of Clallam County held at work session at the Port Angeles Office, 2431 East Highway 101, on the above date commencing at 9:05 a.m. The purpose of the meeting was to discuss power quality and surge suppression.

Commissioners present were: Hugh E. Simpson, Jr., President; W.E. Purser, Vice President; and Hugh Haffner, Secretary.

Staff present were: Shelley Burgett, General Manager; Ken Foster, District Auditor; Dave Proebstel, Chief Engineer; Dennis Shaw, Procurement Manager; Fred Mitchell, Telecommunications & Power Resources Manager; Larry Morris, Operations Facilities Superintendent; Bronna Hankoff, Administrative Assistant; and Carol Biss, Executive Assistant

Others present were: Ron Browning, Steven Dailey, Bob Hammond, Ivan Isaacson, Hadley Lang, Margaret Low, Patti Morris, Jean Rickerson, Rick Rickerson, Lee Roark, and Raema Roark.

Chief Engineer Proebstel presented information about power quality and surge protection. He began by describing types of power quality problems and discussed normal operating voltages, surges, sags, and power interruption. Causes of surges external to homes or businesses and internal to homes were outlined. Mr. Proebstel reviewed steps the District takes to provide protection from surges, including tree trimming, underground conversion, lightning arresters, and animal guards.

Information was presented about whole house surge suppressors and point of use surge suppressors and the advantages, limitations, and considerations of both types were discussed. Point of use uninterruptible power supply devices were also discussed as a solution for power sags.

Mr. Proebstel reviewed advantages and considerations for a District surge suppressor program. The work session adjourned at 11:43 p.m.