

**FOR IMMEDIATE RELEASE**

### **BPA Safety Expert Haven Writes Article Series for Powerlineman Magazine**

Battle Ground, WA – Delta Computer Systems, Inc. is pleased to announce that Harvey Haven, Bonneville Power Administration's (BPA) longtime expert on grounding and lineman safety, has written a series of three articles which were published in Powerlineman Magazine. Mr. Haven, also known as BPA's patron saint of safety, is widely recognized as an expert of workplace grounding, and a dedicated educator of line workers. He observed often fatal accidents early in his career, inspiring him to study and understand the physical principles for safely working on high-voltage transmission lines. Beginning as a BPA groundman lineman assistant, over the course of his 50-year career Mr. Haven rose through the ranks of BPA's Transmission Line Maintenance (TLM) organization, ultimately retiring as the Chief Safety Officer. The International Lineman's Hall of Fame recognized Mr. Haven's lifetime of service and contributions to electrical utility safety, inducting him as a member in 2015.



Delta manufactures the Step and Touch Safety Monitor (SNT) for utility line crew safety. The SNT continuously monitors and alarms for dangerous induced step potentials and touch potentials which can develop through changing worksite conditions. Mr. Haven's series of articles defines step and touch potentials and explains how they may develop on a worksite. He then discusses two different induction mechanisms for step and touch potentials, how to monitor them, and how to set up a safe work area. Mr. Haven also explains the dangers of improperly grounding vehicles and large equipment in the workspace, and the transferred touch potential that may be induced in that situation. He gives principles for safely grounding this equipment so that dangerous voltage potentials never develop, and points to Delta's SNT as a tool to verify that workplaces are safe.



For more information on the Step and Touch Safety Monitor, please visit [stepandtouch.com](http://stepandtouch.com), or contact Delta Computer Systems at (360) 904-2600.

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