

## **User Test Experiences and Data for the VLF Model VLF-200**

HVI is gathering user information on its 200 kVac peak VLF model VLF-200. We are searching for users of the unit for testing high voltage cable that may be of interest or educational to our customers and potential readers of any paper published on the subject. We would very much appreciate any testing experiences you have had that we can share with others in our industry. Below is a list of the information and data that would be helpful to us.

VLF technology has been used regularly for twenty years to test medium voltage cable and motors and generator coils. Now, with so much high voltage underground cable being installed, VLF technology is needed at higher voltage levels. The HVI VLF-200 has been in use since 2004 to perform AC Withstand testing and diagnostic Tan Delta and Partial Discharge testing. Its success needs to be shared with the industry to help others benefit from the technology. Please attach any photos of your testing that we can use.

### **Information and Data Needed**

**Company Name**

**Location of Test**

**Circuit number and description**

**Background story**

**What tests will be performed**

**Intended outcome from tests**

**Cable Description**

**Producer of cable**

**Cable type (EPR, PVC, TRXLPE, PILC, etc.),**

**Cable size                                      Neutral design (foil, stranded concentric, etc.)**

**Voltage rating                                      Current rating & load current**

**Capacitance of total length                                      or per unit (ft., m, mile, km)**

**Length of sections tested**

**Age of cable                                      Failure history**

**Previous tests                                      Previous repairs**

**Personnel present**

**Additional Info**