

Origo URD Probe Testing

Testing went well, we energized a 25KV #2 Aluminum concentric neutral cable to 8KV and 24.9KV our operating voltages and tested with the Origo multiple times always finding the tool was able to identify if the cable was energized.

After testing, we performed a Partial Discharge test (PD) on the 25KV #2 Aluminum concentric neutral cable to see if we could find the pin pricks. We did not see any PD in the insulation until we cranked up to 40 + KV (which we only normally test around 32 KV). So the PD doesn't seem to be an issue in a cable that has been tested with the Origo.

I got a call shortly after the training center test on a real situation. We had a contractor expose 3 phase 25KV #2 Aluminum and we could not locate the cable by mapping, Special Testing, or contractor locating services. I got permission to use the tester just prior to remote cutting the cable to verify that it was dead. Our Troubleshooters responded well to the performance of the tool. I just got invited to demonstrate the Origo at our annual Troubleshooter review. This will be exposure across the entire company with our Troubleshooters being able to view the tool.

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