

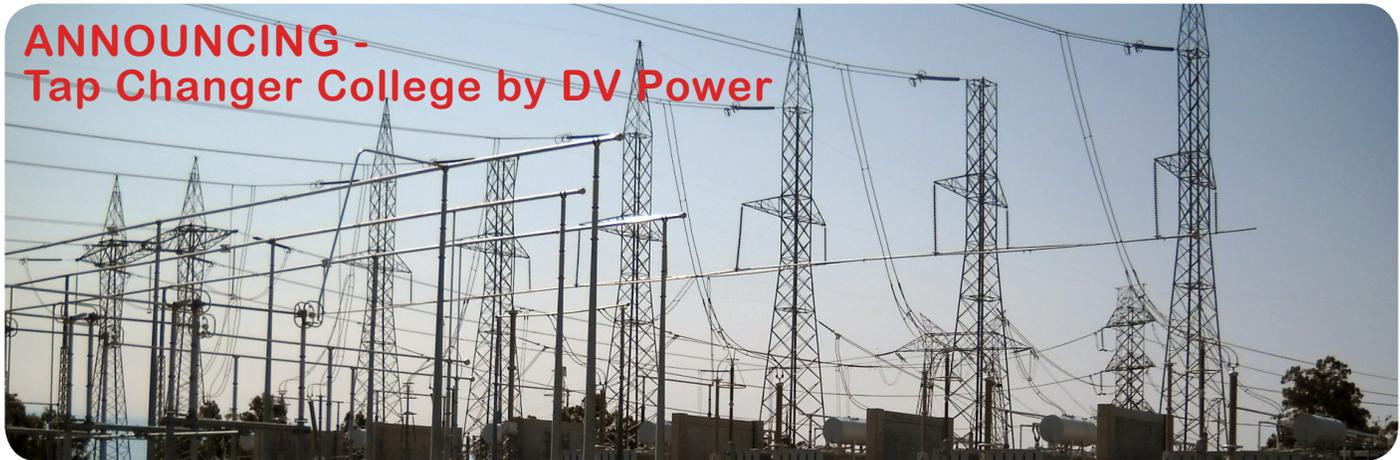
Organized by DV Power

Hosted by Duke Energy

Supported by ProgUSA



Smart test devices for  
reliable electric power systems  
[www.dv-power.com](http://www.dv-power.com)



**Date** September: 16, 17 and 18, 2014

**Location** Duke Energy Transformer Repair Shop, Garner NC. (near Raleigh, and RDU airport)

Learn how DVtest is a powerful tool for diagnosing many aspects of OLTCs and Regulators. Learn from experienced experts on DVtest, OLTC operation principles, oil maintenance and field OLTC maintenance.

The hands-on training course involves theory on Tap Changers and improvements on maintenance techniques for users of DV Power single phase models RMO40TD, RMO60TD and three phase model TWA40D.

## AGENDA

### Tues. Sept 16

Intro to Tap Changer and large regulator principles of operation, intro to DVtest and DGA with case studies with focus on the 4 OLTC's: FPE, Siemens, GE and McGraw; OLTC and transformer oil processing variations by Enervac; and practical OLTC maintenance by major transformer manufacturer.

### Wed. Sept 17

On site testing of OLTCs and a Regulator in two alternating groups in two workshops at the Duke transformer shop and storage yard. Capturing graphs and data for Thursday am session. If you own one of the above testers, bring your laptop.

### Thurs. Sept 18

Morning - DVtest results review and analysis techniques. Depart after lunch or stay for extra help with computer set-up and testing deployment.

## Qualifications

Attendees do not have to own or have used DV Power combo OLTC testers previously, but all discussion and test will refer to these tools. It is intended as a DVtest User Group interactive training session but also can be an excellent intro to a prospective user.

## Cost

\$795.00 for the whole course including sessions, training material, lunches and refreshments. Book your space by emailing to [debbiel@progusa.net](mailto:debbiel@progusa.net). She will email you a credit card form authorization to be completed. Debbie's office tel. is 407 332 8678 at ProgUSA in Florida.