

# Harness the Power

Early Bird Registration  
Is Now Open!



*February 27 — March 1, 2012*  
*Omni Fort Worth, Fort Worth, Texas*



Hosted by **NETA**

**The Premier Electrical Maintenance and Safety Event**

*Harness the power of this premier electrical maintenance and safety event.*



*Do it right or  
get off the horse.*

*PowerTest 2012 –  
Join us February 27- March 1, 2012*

Electrical power system experts, technicians, managers, inspectors, contractors, engineers, manufacturers, operators, and industry leaders will ride into town to harness the power that comes from sharing knowledge, networking, and being a part of a community dedicated to promoting safety and reliability.

*Our Keynote Speaker,  
notorious for packing the house*

Featuring: Tim Autrey  
of Practicing Perfection Institute

*No More “Kicking the Can Down the Road”*

An introduction to the “4C’s” that govern our perspectives and our attitudes, both on and off the job. Attendees will gain:

- A new awareness of the divergent forces that create the real “safety culture” within your organization.
- An introduction to what it means to be a true “Leader”  
...irrespective of where your name falls on the organizational chart!



PowerTest 2012 will be held at the Omni, Fort Worth Hotel—conveniently located in the heart of downtown and adjacent to the Fort Worth Convention Center.



*Cowboy Wisdom:*

*Life is not about how  
fast you run, or how  
high you climb, but  
how well you bounce*

## Day One:

### MONDAY -

We've rustled up the best presenters in the industry and staged a full day of engaging, 45 minute presentations sure to expand your thinking and generate new ideas. Choose from 27 detailed technical paper track topics and participate in the Transformer Symposium.

#### SAFETY

- ★ Electrical Safety - It's Just 40 Little Words; Steve Owen, National Code Seminars
- ★ Electrical Emergency Response; Dave Smith, Canada Training Group
- ★ Reducing Risk Through Qualified Personnel; Dennis K. Neitzel, AVO Training Institute, Inc.
- ★ Using Smart Materials to Prevent Cable Hazards; Walt Ogradnik, Hazardguard Safety Wire, Inc.
- ★ Electrically Safe Work Conditions through Permanent Safety Devices; Phillip Allen, Grace Engineered Products
- ★ NFPA 70E - 2012 Edition Updates; Jim White, Shermco Industries

#### RELIABILITY

- ★ Capacitance - The Other Half of Power Factor; Rick Youngblood, Doble Engineering
- ★ Getting the Most out of Your Power Monitor; Ross Ignall, Dranetz
- ★ Commissioning and Maintenance Testing of Medium and Transmission Class Cables; Howard Sedding, Kinectrics, Inc.
- ★ Demystifying Medium Voltage Cable Testing and Diagnostics; Craig Goodwin, HV Diagnostics, Inc.
- ★ Nomogram for Interpretation of DGA Data; Fredi Jakob, Power Education Institute and Karl Jakob, Jakob Marketing Partners, LLC
- ★ A Global Survey of Electrical Power Equipment Failures; Jean-Pierre Wolff, Applied Engineering Concepts

#### ROTATING EQUIPMENT

- ★ Vibration Analysis and Testing of Rotating Machinery: A NETA Primer; Calvin Earp, Shermco Industries
- ★ Integration of Electrical Tests to Assess Motor Windings; Vicki Warren, Iris Power, LP
- ★ Offline Testing for Predictive Motor Maintenance; Raj Patel, Exelon Power; Mike Gomez, Shermco Industries

- ★ Electrical Testing of Three-Phase Motors; Tom Bishop, EASA
- ★ Application of Electrical Diagnostic Methods on Rotating Machines; Howard Sedding and Andy Brown, Kinectrics, Inc.
- ★ Motor Management & Maintenance for World-Class Companies; Noah Bethel, PdMA Corporation

#### EQUIPMENT

- ★ Transformer Ancillary Devices Need Testing Too!; Rick Youngblood, Doble Engineering
- ★ Gassing in Wind Farm Transformers; Luke J. Parthemore and Robert Rasor, S.D. Myers, Inc.
- ★ NETA Maintenance Testing Research on Electrical Power System Equipment Performance; Kerry Heid, Magna Electric; Ron Widup, Shermco Industries
- ★ Better, Faster, and More Efficient Relay Testing; Chris Werstiuk, Manta Test Systems
- ★ What's Shakin...In Relation to Backup Batteries; Dinesh Chhajer, PE, Megger
- ★ An Improved Testing Method for Mho Distance Relays; Jason Buneo, Megger

#### CODES AND INSPECTIONS

- ★ MRO Chemicals & Your Operations: What You Need to Know; Brandon Pellisero, Ecolink
- ★ Changes to 29 CFR 1926 Subpart CC: Cranes & Derricks in Construction; Jim White, Shermco Industries

#### SYMPOSIUM ON TRANSFORMERS

MODERATOR: Pat Beisert, Shermco Industries

PARTICIPANTS: Kent Ahrent, Shermco Industries  
Keith Hill, Doble Engineering  
Chuck Baker, S.D. Myers  
William Bartley, Hartford Steam Boiler

## Day Two:

### TUESDAY -

Step up and be heard. Join the PowerTest 2012 Safety Summit and be a part of the discussion. Up the ante by joining one of three other panel sessions during the morning gathering:

#### SAFETY

Moderator: Jim White, Shermco Industries  
Panelists: John Cadick, Cadick Engineering;  
Tony Demaria, Tony Demaria Electric; Lynn Hamrick, Shermco Industries; Dennis Neitzel, AVO Training Institute, Inc.

#### MOTORS AND GENERATORS

Moderator: Calvin Earp, Shermco Industries  
Panelists: Noah Bethel, PdMA Coporation;  
Tom Bishop, EASA; Joe Geimann, SKF/Baker;  
Vicki Warren, Iris Power, LP

#### RELAYS

Moderator: Rod Hageman, PRIT Service, Inc.  
Panelists: Karl Zimmerman, Schweitzer;  
Scott Cooper, Manta Test Systems;  
Stan Thompson, Megger

#### CIRCUIT BREAKERS

Moderator: Eric Beckman, National Field Services  
Panelists: George Tucker, National Switchgear;  
Glen Hanley, ABB; Dan Hook, Western Electrical Services; Mike Nightingale, Voyten Electric

### TUESDAY AFTERNOON

#### POWERTEST 2012 TRADESHOW

Don't miss the main event!

### TUESDAY EVENING

#### POWERTEST 2012 HOSPITALITY SUITES

Mosey on in and mingle with Industry Leaders!

## Tuesday Tradeshow

PowerTest 2012 features more than 100 exhibits from top-tier electrical power vendors. No show brings together this many companies focused on electrical safety and maintenance. See y'all Tuesday!

## Day Three and Four:

Take advantage of a unique opportunity to choose from six in-depth, 4-hour seminar presentations on Wednesday, and then get your hands on real equipment at three remote locations on Thursday.

### WEDNESDAY - AM SEMINAR SCHEDULE

- ★ No More Bloodletting! Practicing Perfection and Human Error Reduction; Tim Autrey, Practicing, Perfection Institute, Inc.
- ★ Current Transformers, Beyond Ratio and Polarity; Will Knapek, OMICRON electronics Corp. USA

### PM SEMINAR SCHEDULE

- ★ Putting Science Behind Relay Testing; Karl Zimmerman/Dave Costello, Schweitzer Engineering Laboratories
- ★ Condition-Based Maintenance of Motors (On-Line Testing); Vicki Warren, Iris Power, LP
- ★ Transformer Dielectric Fluids: Use of DGA and Furans; Melvin Wright, LICA Consulting, LLC

### THURSDAY - HANDS-ON SEMINARS

- ★ **Location 1: Shermco Industries** – AC and DC Machine Analysis: Testing, Maintenance, and Field-Proven Assessment Techniques  
Electric motors and generators are the workhorses of industry. But often times, the analysis of machinery condition and the assessment of serviceability are often misunderstood. The days of just "Megging the motor" are long gone, Paw-Paw. For two fast-paced hours, you will learn, touch and do many of the tests available to the industry today.
- ★ **Location 2: Astro Controls / Circuit Breaker Sales** – Motor Control Centers and Low-Voltage Breakers  
You can take advantage of three hands-on learning stations for MCCs and LV breakers. First station: "tricks of the trade" for the use, operation and testing of many current-production circuit breakers. Second station: properly interpret curves and information when testing. Third station: MCCBs and UL 489 – what you can and can't do while maintaining UL listing.
- ★ **Location 3: AVO Training Institute** – Electrical Testing Skills: Transformers, Vacuum Breakers and Medium-Voltage Cable  
Hands-on seminar presenting four sessions, covering common substation equipment testing and cable splicing procedures. Move 'round to each session for a perfect overview.

## JOIN THE STAMPEDE SUNDAY EVENING

Fall in for the "Best Little Pub Crawl in Texas" – Four hours, four pubs and endless fun. Be sure to sign up when you register for the conference online.  
\$145 Per Person

## COWBOY UP FOR A BIRTHDAY CELEBRATION

Don't miss PowerTest 2012 – Welcome Reception and 40th Birthday Celebration! Monday evening from 6:30 till the cows come home.

Put on your best bib and tucker and join the hootenanny as we gather at the Dallas Cowboys Stadium. There'll be a heap of tasty grub, plenty of socializing, dancing and all around good fun. We'll toast to NETA's 40th Birthday and celebrate the Association's past, present and future!

## PARTNERS AND GUESTS KICK BACK

### Spouse/Guest Pass

The special lounge will be available exclusively for spouses and guests of PowerTest attendees – stocked daily with light refreshments and information on all the local activities. This includes a lunch voucher and admission to Monday evening's Welcome Reception and Tuesday evening's tradeshow and hospitality suites. Spouse/Guest Passes - \$75 Per Person

### Social Pass

The Social Pass includes admission to the Welcome Reception, Hospitality Suites and Tradeshows - \$40 Per Person



*Yee-Haw!*

*Cowboy Up or  
Go Sit in the Truck*



*February 27 — March 1, 2012  
Omni Fort Worth, Fort Worth, Texas*



# Early Bird Registration Is Now Open!



**Register on-line at:** [www.powertest.org](http://www.powertest.org)  
**Or Call:** 888-300-NETA (6382)

## PowerTest 2012 Registration

	Non-Members	NAC Members
Full Conference:	\$759	\$699
Single Day:	\$480	\$450
Wednesday Seminars:	\$269	\$249
Thursday Seminars:	\$569	\$549

### Register Online:

To register for PowerTest 2012 save time by registering online. You'll find a complete brochure and registration form available at [www.powertest.org](http://www.powertest.org).

### Join & Save

Join as a Gold Affiliate for \$775 and your PowerTest conference registration is included!

Current Affiliates upgrade to a Gold Affiliate for only \$600 and receive a free PowerTest conference registration!

### Hotel Reservations:

Omni, Fort Worth Hotel  
1.817.535.6664  
1300 Houston Street  
Fort Worth, TX 76102

Reservation Deadline: January 27, 2012  
Group Name: NETA/PowerTest  
Group Rate: \$185

### Payment:

NETA accepts all major credit cards. Save time and register on-line at [www.powertest.org](http://www.powertest.org) or call **888-300-NETA (6382)**.

### Extras!

PowerTest 2012 Technical Papers - Registered conference attendees will receive all PowerTest technical presentations on a USB drive on site in their registration bag.

### Easy Steps for Registration:

1. Go to **www.powertest.org** and review the complete PowerTest 2012 on-line brochure.
2. Decide the number of days you will attend the conference.
3. Tuesday attendees select up to two panels. (Cost of panels included in registration fees.)
4. Wednesday attendees sign up for one or two seminars. (Cost of seminars is in addition to the registration fees.)
5. Thursday attendees sign up for a full day of hands-on seminars. (Cost of seminars is in addition to the registration fees and includes lunch.)
6. Sign up for the Best Little Pub Crawl in Texas. Space is limited, so register early. (Cost of pub crawl is in addition to the registration fees.)
7. Sign up for Spouse/Guest Passes (Cost of passes is in addition to the registration fees.)
8. Sign up for PowerTest 2012 conference polo shirt and select size. (Cost of polo shirts are additional to the registration fees.)

*Timing has a lot to do with the outcome of a rain dance.*

**Register Today!!**