



Electric Energy T&D

MAGAZINE www.electricenseonline.com

OFFICIAL SHOW GUIDE



The 2007 International Conference of Doble Clients

March 25 - 30, 2007
Westin Hotel Copley Place
Boston, MA USA



See inside for:

- Conference Schedule of Events
- Industry Expo Floor Plan
- Exhibitor Information
- Hospitality Suites
- Companion Activities

...and more!

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"CCAB/BPA WORLDWIDE MEMBERSHIP
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Electric Energy T&D MAGAZINE

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In conjunction is the 2007 International Conference of Doble Clients, Doble Engineering is sponsoring an exposition of organizations that provide products and services to the electric power industry. This Industry Expo will help....

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In addition to the Industry Expo Conference attendees should take advantage of the extensive schedule of Hospitality Suites open in the evenings after the Expo closes. Hospitality Suites offer a relaxed networking opportunity, and many ...



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Transformers - The Inside View

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2007 Schedule of Events

Note: Utility and Testing company delegates may attend all of the activities listed below

Manufacturers, Refiners & Insurers may attend everything EXCEPT the Blue Committee Meetings

Sunday, March 25, 2007

1:00 pm - 5:00 pm	Tutorial: The Importance of Proper Bushing Replacement
5:00 pm - 7:30 pm	Doble Client Reception

Monday, March 26, 2007

7:00 am - 8:00 am	Newcomers Orientation
7:00 am - 8:00 am	Intelligent Diagnostic Device User Group & Time Travel User Group
8:00 am - 10:00 am	Training Track: Understanding Apparatus Control Circuits
8:00 am - 10:00 am	Asset and Maintenance Management Committee Meeting & Arresters, Capacitors, Cables, and Accessories Committee Meeting
10:00 am - 12:00 pm	Rotating Machinery & Insulating Materials Committee Meetings
11:30 am - 1:30 pm	Doble Expo Open
12:00 pm - 1:30 pm	EuroDoble Committee Meeting
1:30 pm - 2:30 pm	Opening Session and Keynote Address
2:30 pm - 5:00 pm	Asset and Maintenance Management Technical Presentations
2:30 pm - 5:00 pm	Training Track : Basic Power Factor
5:00 pm - 7:00 pm	Doble Expo Open

Tuesday, March 27, 2007

7:00 am - 8:00 am	Doble Test Assistant Software User Group Meeting
7:30 am - 12:00 pm	Rotating Machinery Technical Presentations
7:30 am - 12:00 pm	Insulating Materials Special Session on Corrosive Sulfur
1:30 pm - 3:30 pm	Insulating Materials Technical Presentations
1:30 pm - 3:30 pm	Tutorial: Utility Compliance to NERC Standards
3:30 pm - 5:30 pm	Rotating Machinery Tutorial: Compliance to NERC Standards
3:30 pm - 5:30 pm	Bushings, Insulators, and Instrument Transformers Committee Meeting
5:00 pm - 7:00 pm	Industry Expo Open
6:00 pm - 8:30 pm	Field Processing Subcommittee (members only)

Wednesday, March 28, 2007

7:00 am - 8:00 am	Sweep Frequency Response Analysis User Group, Part 1
8:00 am - 10:00 am	Circuit Breaker Committee Meeting
8:00 am - 12:00 pm	Protection, Automation, Communications & Controls Technical Presentations
8:00 am - 10:00 am	Training Track: Reading Transformer Nameplates, Winding Resistance and Insulation Resistance
10:00 am - 12:00 pm	Transformers Committee Meeting
11:30 am - 1:30 pm	Industry Expo Open
12:30 pm - 1:30 pm	Sweep Frequency Response Analysis User Group, Part 2
1:30 pm - 5:00 pm	Protection, Automation, Communications & Controls Committee Meeting
1:30 pm - 5:00 pm	Bushings, Insulators, and Instrument Transformers Technical Presentations
5:00 pm - 7:00 pm	Industry Expo Open
6:00 pm - 9:00 pm	Oil Committee Meeting & Dinner (members only)

Thursday, March 29, 2007

7:00 am - 8:00 am	Training Track: Doble Test Assistant - DTAWeb Training
7:00 am - 8:00 am	Dissolved Gas Analysis of Load Tap Changers Committee Meeting
8:00 am - 12:00 pm	Circuit Breakers Technical Presentations
9:30 am - 5:00 pm	Training Track : Basic Protective Relaying
11:30 am - 1:30 pm	Industry Expo Open
12:00 pm - 1:30 pm	Advisory Lunch & Meeting (members only)
1:30 pm - 3:00 pm	Arresters, Capacitors, Cables, and Accessories Technical Presentations
3:00 pm - 5:00 pm	Transformers Technical Presentations
6:00 pm - 7:00 pm	Client Reception & Dinner

Friday, March 30, 2007

7:30 am - 12:00 pm	Transformers Technical Presentations
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A complete list of the Technical Presentations is posted at www.doble.com



The 2007 International Conference of Doble Clients

The agenda for this year's event is based on the traditional Doble Client Conference program and includes the Client Committee meetings ("Blue Badge" delegates only) and the respective sessions of technical presentations for each of the nine primary Client Committees. User Group meetings and Tutorials are added around these meetings and sessions.

Open during the mid-day breaks and after the main sessions Sunday through Wednesday (includes the first 2 days of exclusively Doble exhibits); the Industry Expo gives Conference delegates the opportunity for refreshment and networking with colleagues and exhibitors. In the evenings, various organizations invite attendees to their Hospitality Suites for a more informal networking experience.

The 2007 program kicks off with a tutorial on The Importance of Proper Bushing Replacement on Sunday afternoon from 1-5 pm, followed by a Welcome Reception and the opening of the Doble Product Exhibit area. The traditional Thursday night dinner provides an enjoyable break towards the end of the intensive program.

What follows here in the Electric Energy Magazine's Official Conference and Show Guide is a detailed schedule of the week's events.

Registration & Information

Conference Registration and Information Desk
Westin Copley Place, 4th Floor

All Conference attendees, Exhibitors, and Suite Holders **MUST** stop by the Doble Registration Desk to check in and obtain their name badges prior to attending any Conference or Industry Expo events.

Registration Hours:

Sunday, March 25	10:00 AM – 7:00 PM
Monday, March 26	7:00 AM – 6:00 PM
Tuesday, March 27	7:00 AM – 6:00 PM
Wednesday, March 28	7:00 AM – 6:00 PM
Thursday, March 29	7:00 AM – 7:00 PM
Friday, March 30	7:00 AM – 12:00 PM

Important: Name badges are required for admission to all Conference sessions, Client Committee Meetings, and other events.

Important note regarding Supplier/Manufacturers who are not Doble Clients:

Suppliers/Manufacturers who are not Doble Clients are not permitted access to Conference activities other than the Industry Expo. If you are not certain of your status ask at the Registration Desk.



2007 Conference Presentations Presenters Information

IMPORTANT: All Conference Presenters are required to check in at the Presenter Check-in Desk, located at the 4th floor, at least 24 hours before their scheduled technical presentation. Please be prepared to provide a copy of your paper and PPT presentation on CD, disk, or memory stick.

Technical Documents

Preliminary Technical Presentations will be posted on the Doble web site. Additional files will be added to the site as they are received, formatted and approved.

Access to the 2007 Conference Presentations

An email address with the link to the preliminary technical documents will be sent to all registered Doble clients and guests. The 2007 Conference Documents can also be accessed on the Doble Portal using your company ID and password.

Hard copies of the 2007 Conference documents will not be distributed at the Conference. However a self-service station equipped with computers and printers will be available to you to review and print presentations.

Companion Activities

Companions of Conference delegates are requested to wear their name badges to all activities and events. Spouses, family members and companions of Conference attendees are invited to visit the Doble Companion Meeting Room to meet with others and plan recreational activities as the guests of Doble Engineering. The room will be open each day from 8:30 am – 10:30 am.

Companion Meeting Room Locations:

Monday, March 26	Turners Restaurant
Tuesday, March 27	Great Republic
Wednesday, March 28	Great Republic
Thursday, March 29	Great Republic
Friday, March 30	Great Republic

*The Companion Meeting Room is sponsored by
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Please stop by Monday, Tuesday, & Wednesday evenings when their Hospitality Suite will be open at this same location!

Companion Activities:

Sunday, March 25

Conference Welcome Reception in Doble Product Display Areas

5:00 PM – 7:30 PM

Essex Foyer & Staffordshire, 3rd Floor

Companions are welcome to attend this evening reception as well as the receptions in the Industry Expo Monday through Wednesday evenings. Companions will receive complimentary drink tickets for these receptions when they pick up their name badges.



Monday, March 26

Companion Ice-Breaker Brunch

8:30 AM – 10:30 AM

Turners Restaurant

There is no charge to attend this fun mixer event....companions only, please! We encourage all companions and guests of attendees to come to this brunch reception. You'll have the opportunity to meet other guests and get acquainted while enjoying the ambiance of Turners Restaurant. Great door prizes will be given away, but you need to be present to win!

Note: After Monday companions are "on their own" for breakfast. The Companion Meeting Room is designated as a meeting area for Companions on Tuesday through Friday mornings.

Complimentary Yoga Class Exclusively for Doble Companions!

2:00 PM – 3:00 PM

Great Republic Suite, 7th Floor of the Westin Copley

Enjoy an hour of relaxing yoga compliments of Doble! Towels will be provided for use as mats. Beginner-level.

Tuesday, March 27

The New ICA Museum Tour

On December 10th, the Institute of Contemporary Art unveiled its new home on Boston's waterfront offering a new, visionary building poised to capture the stimulation of contemporary culture and the excitement of a revitalized waterfront area.



Award-winning architects Diller Scofidio + Renfro designed the ICA, conceiving the building both "from the sky down," as a contemplative space for experiencing contemporary art, and "from the ground up," providing dynamic areas for public enjoyment. The design weaves together interior and exterior space, producing shifting perspectives of the waterfront throughout the museum's galleries and public spaces.

Among the breathtaking and provocative works being exhibited are pieces that seem to bend, twist, morph, or enter a new dimension as artists such as Anish Kapoor, Bridget Riley, and James Turrell use optical effects to alter the way we perceive ourselves and the space around us.

Featured Exhibit: SUPER VISION
December 10, 2006 - April 29, 2007

Superhuman vision, once the stuff of comic books, is no longer a fantasy, with new technologies transforming both what can be seen and how we are able to see. Super Vision examines how contemporary artists have responded to and interpreted this changing nature of vision, presenting work by 27 international artists in painting, sculpture, video, and photography.

Cost: \$18.00 per person includes round trip transportation and museum admission
Depart Westin: 10:00 AM
Return to Westin: 2:00 PM

Optional lunch on own at Water Café (If you wish to return to The Westin before lunch, transportation will be available.)

Wednesday, March 28

Theatre Matinee: *Miss Witherspoon* by Christopher Durang
(limited availability)

Presented at The Lyric Stage, 140 Clarendon St., Boston, MA
Playwright Christopher Durang's Pulitzer-Prize-finalist, *Miss Witherspoon*, begs the question "does life get any better after death?" Veronica, after committing suicide, is destined to return to earth, reincarnated over and over, learning that the "other side" offers no respite. Navigating through the rough seas of fate and free will (and large objects falling from the sky), she searches for truth and peacefulness, questioning ideas of faith in a "waiting room" between death and rebirth.

Cost: \$30.00 per person
Depart Westin: 1:30 PM (walking)
Return to Westin: 4:00 PM (walking)

Thursday, March 29

Thursday Evening Client Reception & Banquet
6:00 PM, America Ballroom, 4th Floor

Join other conference delegates for this gala evening event! There is no charge for Doble clients and their companions – pre-registration and meal selection is required.

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March 27-30, 2007
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Doble Client Committees and Meeting Times

The annual Client Conference program is created by the Doble Client Committees, each having unique expertise in a particular area. These committees of clients and members of the Doble staff meet in September or October each year to plan the following Boston Conference.

In addition to the International Conference of Doble Clients, Doble also hosts regular conferences all over the world. The agenda and technical presentations are designed to meet the unique needs of each region.

Client Committee Meetings:

Advisory (Committee Officers Only)

Thursday, March 29, 12:00 pm – 1:30 pm
America North, 4th Floor

Arresters, Capacitors, Cables, and Accessories (ACCA)

Monday, March 26, 8:00 am – 10:00 am
Essex North, 3rd Floor

Asset and Maintenance Management (AMM)

Monday, March 26, 8:00 am – 10:00 am
America North, 4th Floor

Bushings, Insulators and Instrument Transformers (BIIT)

Tuesday, March 27, 3:30 pm – 5:30 pm
America North, 4th Floor

Circuit Breakers (CB)

Wednesday, March 28, 8:00 am – 10:00 am
America North, 4th Floor

Dissolved Gas Analysis of Load Tap Changers (DGA of LTCs)

Thursday, March 29, 7:00 am – 8:00 am
America North, 4th Floor

EuroDoble

Monday, March 26, 12:00 pm – 1:30 pm
Mastiff Boardroom, 7th Floor

Field Processing Subcommittee Meeting and Dinner (members only)

Tuesday, March 27, 6:00 pm – 8:30 pm
Turner Fisheries Private Dining Room

Insulating Materials (IM)

Monday, March 26, 10:00 am – 12:00 pm
Essex North, 3rd Floor

Oil Committee Meeting and Dinner (members only)

Wednesday, March 28, 6:00 pm – 9:00 pm
Turner Fisheries Private Dining Room

Protection, Automation, Controls & Communications (PACC)

Wednesday, March 28, 1:30 pm – 5:00 pm
America North, 4th Floor

Rotating Machinery (RM)

Monday, March 26, 10:00 am – 12:00 pm
America North, 4th Floor

Transformers (TX)

Wednesday, March 28, 10:00 am – 12:00 pm
America North, 4th Floor

Who can attend Doble Client Committee Meetings?

All attendees with a blue badge can attend the Client Committee meetings. YOU DO NOT NEED TO BE A COMMITTEE MEMBER TO ATTEND*

Blue badges are given to Doble clients and guests from one of the following categories: Electric Power Utilities, Industrial Maintenance Divisions, and Non-Manufacturing Test and Maintenance Service Companies. All "blue badges" attendees are welcome to attend the Client Committee meetings regardless of whether they are an official member of that Committee.

*The exceptions to this rule are the Oil Committee, Advisory Committee and Field Processing Subcommittee, which are for members or invited guests only.

How to Join a Committee

If you represent an Electric Power Utility, Industrial Maintenance Divisions, and Non-Manufacturing Test and Maintenance Service Company and are interested in joining a committee please contact or speak with the committee secretary. Members are expected to participate in the activities of the committee, which include deciding papers and themes for future conferences and completing technical questionnaires relating to the committee. Members receive several emails each year with agendas for upcoming meetings and project updates.

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Software User Groups & Meeting Times

In addition to the Doble Client Committees there are four User Groups which will also be meeting at the Conference:

Intelligent Diagnostic Device (IDD) User Group

Monday, March 26, 7:00 am – 8:00 am
St. George B/C/D, 3rd Floor

Doble Test Assistant (DTA) Software User Group

Tuesday, March 27, 7:00 am – 8:00 am
Parliament and Adams, 7th floor

Sweep Frequency Response Analysis (SFRA) User Group – Part 1

Wednesday, March 28, 7:00 am – 8:00 am
America North, 4th Floor

Recommended for existing Doble SFRA users – hardware, software and test application issues will be discussed.

Sweep Frequency Response Analysis (SFRA) User Group – Part 2

Wednesday, March 28, 12:30 pm – 1:30 pm
America North, 4th Floor

Open to all Conference delegates – you do not need to be an existing SFRA user to benefit from this meeting. Case studies and interpretation of results will be discussed.

Time Travel User Group (TTUG), formerly TRX User Group

Monday, March 26, 7:00 am – 8:00 am
Essex North, 3rd Floor



Earn Continuing Education Credits for Attending this Doble Conference!

Delegates to the 2007 International Conference of Doble Clients may earn a maximum of 4.8 CEU credits (based on attendance from Sunday at 1 pm through Friday at 12:00 pm).

Note: CEUs are calculated at a rate of 1.0 CEU for every 10 hours of instruction or sessions.

We will be able to calculate your exact number of credits by scanning your name badge when you enter a meeting. Make sure and have your badge scanned for each meeting you attend to ensure you receive all your credits.

What are Continuing Education Credits (CEUs)?

Doble Engineering is an Authorized Provider of Continuing Education Credits (CEUs) through the International Association of Continuing Education and Training (IACET). Continuing Education Credits provide a permanent record of the educational accomplishments of an individual who has completed one or more significant non-credit educational experiences. Awarding the CEUs approved by IACET also provides a quality indicator for your continuing education and training programs because it means you have been reviewed and approved for complying with internationally recognized standards. One Continuing Education Unit (CEU) is defined as ten content hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction. CEUs are issued at all Doble Seminars and Conferences that meet the IACET standards.

Where are CEUs Accepted?

Continuing Education credits are widely accepted by colleges and educational institutions as official credits towards professional licensing requirements and degree programs. As the organization's name implies, the CEUs can be offered for classes held anywhere in the world, provided the event meets IACET criteria.

For more information on where Doble CEUs are accepted go to:

http://www.iacet.org/resources/accept_ceu.htm

What are "Learning Outcomes"?

Learning Outcomes give attendees a guideline of the topics that will be covered during the event and the knowledge attendees can expect to gain during the event.

At the 2007 International Conference of Doble Clients surveys will be distributed. These surveys will outline the Learning Objectives to be achieved during that day's Conference program. Your completion of these daily surveys provides Doble with a record that you attended the day's event and are eligible to receive the corresponding CEUs.

How can I obtain a record of my received Continuing Education Credits (CEUs) from Doble?

All event participants can obtain their CEU credit records by contacting events@doble.com.

Doble will retain records of attendance at CEU events for a minimum of seven years. This information will only be released to the attendee themselves or at the request of their company. In order to obtain a copy of your transcript participants must submit a written request in order to obtain their records (email is acceptable). Request will NOT be taken over the phone!! If someone other than the actual participant request's information, the participant in question will be notified to obtain approval before the request is honored.



The Industry Expo at the 2007 International Conference of Doble Clients

In conjunction is the 2007 International Conference of Doble Clients, Doble Engineering is sponsoring an exposition of organizations that provide products and services to the electric power industry. This Industry Expo will help managers, engineers, and technicians to learn about the latest tools that are available to them. All those attending the Client Conference are welcome to attend. The Industry Expo will be held on the 3rd floor of the Westin Hotel Copley Place.

2007 Industry Expo Show Hours:

Sunday, March 25, 2007

5:00 PM – 7:30 PM Welcome Reception with Doble Product Displays

Monday, March 26, 2007

11:30 AM – 1:30 PM - Doble Products Exhibit (light lunch provided)
5:00 PM – 7:00 PM - Evening Reception with Doble Products Displays

Tuesday, March 27, 2007

5:00 PM – 7:00 PM - Evening Reception (Opening of ALL Exhibiting Companies)

Wednesday, March 28, 2007

11:30 AM – 1:30 PM - Afternoon Industry Expo (light lunch provided)
5:00 PM – 7:00 PM Evening Industry Expo with Reception

Thursday, March 29, 2007

11:30 AM – 1:30 PM - Afternoon Industry Expo (light lunch provided)

Enter the Industry Expo and Suites Game Card Prizes and Raffles!

All Conference delegates will receive a Game Card in their registration materials with a series of Trivia Questions tied in to the different exhibitors and suite holders at the Conference. Delegates will need to walk around the Expo and Suites to find the answers to the questions, which will be posted on signs near different booths. Completed Game Cards will be dropped into a box and winners drawn for prize giveaways.

Also look for the 3rd and 7th floor Prize Boards that will let you know what other raffle prizes are being offered by Exhibitors and Suiteholders and when they will be raffled off!

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2007 International Conference of Doble Clients Exhibiting Companies



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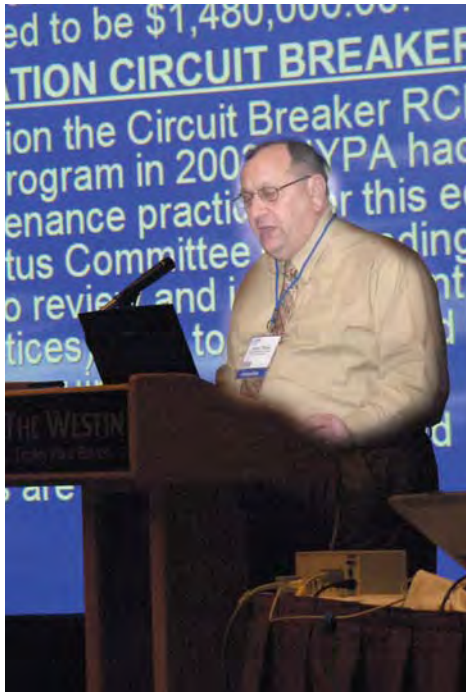
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Bruce Nichols, the original founder and previous owner of High Voltage Supply has now established his new company in Grand Prairie, Texas, a suburb of the Dallas/Ft. Worth Metroplex. Co-owners include Jamie Kerbyson, Manuel Garza and Stanley Hart, all previous employees of High Voltage Supply. The company manufactures electrical contacts and replacement parts for load tap changers and circuit breakers. Design, reverse engineering and manufacturing is supported by state-of-the-art design and inspection equipment and an ISO9001 Quality System. Current R&D projects includes collaboration with EPRI and Powertech Labs on the development of "Smart Contacts" with wear indicator implants.

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Pauwels, a wholly-owned subsidiary of Crompton Greaves Limited, is one of the world leaders in the design and manufacturing of innovative three-phase distribution and power transformers, and integrated solutions. Pauwels operates manufacturing plants (transformers) and subsidiary companies (contracting & services) on 3 continents.

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Booth 8

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Steve Strand
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Fax: 503-924-3290
Steve Jennings

Steve.Jennings@serveron.com
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Booth 52

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Becky Compton
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S.D. Myers Transformer Consultants provide analytical, training, and international field service in order to extend the reliable life of customers' substation equipment and to reduce their PCB liability.

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Sankosha

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Fax: 612-465-6190

John Laux

john@transfluidservices.com

www.transfluidservices.com

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Trantech Radiator Products is the largest manufacturer of transformer radiators in North America. We have been supplying radiators for over fifty years. Products include 9", 12", 15" and 520mm radiators and radiator valves.

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Booths 63, 64**Utility Automation & Engineering T&D**

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ZTZ Services international is engineering and consulting firm that specializes in on-line in service testing and diagnostic for large power transformers, free standing CT's and CCVT's.

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Hospitality Suites are located on the 7th, 21st, 31st and 36th floors. See below for a schedule of companies hosting Suites. Suites open at 7:30 PM on Sunday and 7 PM Monday through Wednesday with one noteworthy exception: **SD Myers will be hosting a Breakfast Suite in Turners Restaurant, 1st floor, on Tuesday, March 27th from 6:30 – 9:30 AM.** SD Myers invites all interested Conference delegates to come to their breakfast!

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Defender		Petro Canada	Petro Canada	
Courier	E Manufacturing	E Manufacturing	E Manufacturing	
North Star		SouthWest Electric	SouthWest Electric	
Parliament		ABB	ABB	
Adams		PCORE	PCORE	
Baltic		GE	GE	Reinhausen
Presidential			Nynas	Nynas
Imperial				
Ambassadors		Waukesha	Waukesha	
Governor			Velcon	Velcon
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Turners Restaurant			SD Meyers (breakfast)	



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AREVA T&D supplies high voltage electrical substation equipment worldwide including a full complement of power circuit breakers, disconnect switches, and gas insulated switchgear. AREVA T&D also has a complete line of instrument transformers and associated products from 15 kV to 765 kV, including current transformers, voltage transformers, combined metering units, power voltage transformers, line traps, line tuners, and air-core reactors and large power transformers from eight manufacturing facilities worldwide. Transformer capacities range to 800 kV and from 50 MVA to > 1000 MVA and include auto transformers, GSU, step down and shunt reactors. AREVA T&D's North America Service organization provides a comprehensive range of support services for AREVA T&D's equipment meeting all industry requirements.

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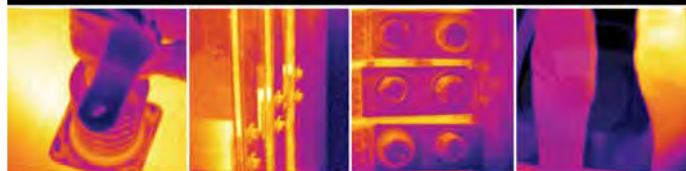
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6 Dorset Place
Durham NC 27713 USA
919-544-8191

George Forrest

gforrest@uptime-solutions.com

Uptime Hospitality Suite Participants:

The seven companies participating in the UPTIME SOLUTIONS Doble Hospitality Suite for 2007 provide products and services that are synergistic to complete substation monitoring, testing and maintenance solutions:

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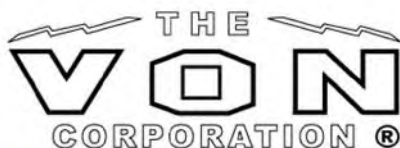
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