

# BUSINESS PARTNERS

## Mark your calendar

**P/T91 Fabrication, Welding, Heat Treatment, Oxidation, Damage Mechanisms, Integrity/Life Assessment, September 8-9, 2008, Central London.** This two-day training course, conducted by European Technology Development Ltd, will facilitate an understanding of the basic mechanisms and characteristics of P/T91, help users operate their plants more efficiently, and reduce forced-outage time and associated costs/risks. It also will help gas-turbine and HRSG owner/operators develop effective component monitoring strategies, take palliative measures in time, and make informed run/repair/replacement decisions. More detail on this and several other training courses and seminars devoted to powerplant materials at [www.etc1.co.uk](http://www.etc1.co.uk).

## People in the news

**John Gamble**, the CTOTF's (Combustion Turbine Operations Task Force) GE Roundtable chairman and one of the industry's top minds on large frame maintenance and repair, retired from both TVA and the user group June 6. In a personal note to the membership, Gamble said, "These last years that I have been associated with CTOTF have been the best of my career."

Gamble and Vice Chairman Larry Rose of Dominion Energy never shied away from any of the many "issues" associated with market leader's F-class engines. Their roundtable programs always were compelling, featuring problem-solving presentations by top solutions providers and users alike.

**Anthony E Ligato** joined Strategic Power Systems Inc, Charlotte, as president/COO June 16. Sal Della Villa continues as chairman/CEO. Most recently, Ligato was VP of asset management for Direct Energy (a Centrica company), where he acquired and

managed a fleet of combined-cycle plants to serve the Texas retail market.

In his new position, Ligato will focus on strengthening the added value of SPS's ORAP® system as a current, unbiased, and reliable information resource for the industry. He has more than 30 years of experience in the energy industry, including engineering and management positions at both OEMs and users.

### Plant Manager

#### Robert Mayfield

reports that the Tenaska Virginia Generating Station was one of only a dozen organizations/individuals selected to receive the 2008 Governor's Volunteerism and Community Service Awards. In congratulating the winners, Governor Timothy M Kaine said, "When we serve our community as volunteers, our unique skills, perspectives, and experience make us a stronger Commonwealth."

Tenaska Virginia won in the Business Award category for its staff's success in tutoring and mentoring school children. The awards ceremony was a highlight of the state-sponsored

conference on volunteerism and community service at the end of April. Almost 2 million Virginians volunteer nearly 250 million hours annually.

Tenaska Virginia personnel are very active in Fluvanna County, accumulating more than 2200 volunteer hours in 2007. Some of the plant's 28 employees—including Mayfield—devote their lunch hours to tutoring in the schools. They also served as role models, helping students connect the classes they are taking to real-world applications.

Mayfield explains, "When kids see, hey, this is how we use chemistry, this is how we use algebra and trigonometry, they start to realize that maybe they need this." Other employees participate in the annual food drive each November, last year donating 30 turkeys and 600 pounds of food to the Food Bank. In December, gift-giving takes center stage. In 2007 plant employees donated gifts for about 500 children and adults through Social Services.



Mayfield



Gamble

## Company news

**Allied Power Group** breaks ground for a new 70,000-ft<sup>2</sup> building (photo) to centralize headquarters operations, sales, repairs, and spare parts at one location. The additional space allows Allied to expand its product

**Allied Power Group** broke ground at the end of May for a new building that nearly triples the company's floor space. Left to right are Mike Elliott, executive VP; Keith Marler, president; Bruce Agardy, CEO; and Louis Green, COO





# Power Plant Trading Cards™

[www.industcards.com](http://www.industcards.com)

line to include W501F gas-turbine parts and extend its repair capabilities to steam turbines.

CEO Bruce Agardy (second from right in photo) said at the groundbreaking ceremony, "The unique value of Allied Power Group is that we provide both turbine replacement parts and expert repairs all from a single, proven source. Our new facility will allow us to truly be a one-stop shop for turbine owners."

**The Filmax AEFS™** (for advance electronic filtration system) family is said to be a unique breakthrough technology offering unparalleled cleanliness in lube-oil systems. It is designed to remove particles down to the sub-micron level.



Electronically activated filtration, executed in a kidney loop, provides Beta 0.09=200 particle removal, reportedly without disadvantages observed when using some other fine filtration systems. Varnish precursors and oxidation products are quickly removed from the lube oil and system internal surfaces, thereby restoring the fluid to pristine condition and maximizing its performance. For more information, visit [www.filmax-inc.com](http://www.filmax-inc.com).

**Actuant Corp** completes the purchase of Superior Plant Services LLC (SPS). Recall that Actuant's businesses are market leaders in branded hydraulic and electrical tools and supplies, as

well as in highly engineered position motion-control systems.

SPS will be managed in part with Hydratight, one of the businesses comprising Actuant's Industrial Segment. Hydratight includes D L Ricci's field-machining, hydraulic torque and tension tools, and other product lines. SPS brings to the Actuant table an enviable service portfolio, leading market position, and 125 service technicians. For more information, visit [www.hydratight.com](http://www.hydratight.com).

**Vaisala's** Drycap® dewpoint transmitter (DMT152) uses a new polymer

sensor technology that combines the proven stability and durability of the company's existing thin-film polymer Drycap sensor with an expanded range down to -112F. Before the launch of this new technology, polymer sensors could measure dewpoint temperatures only as low as -76F, which precluded their use in very dry gases found in Class I compressed-air systems.

Polymer sensors are well known for their ability to withstand condensation and to recover from liquid water exposure. But until the launch of Drycap DMT152 technology, these

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benefits were unattainable in the very dry measurement range. Applications that can benefit from this new technology include desiccant air dryers and analysis of SF<sub>6</sub> gas in high-voltage switchgear. For more information, visit [www.vaisala.com/DMT152](http://www.vaisala.com/DMT152).

**PSM**, Jupiter, Fla, announces the addition and renovation of 75,000 ft<sup>2</sup> of space, allowing the company to diversify its operations to include manufacturing, repair, and new technology development—with a significant increase in job positions. PSM President Bob Kraft said, “Our Jupiter service center will now include the manufacturing and repair sectors under one roof to join our highly successful technical component.”

The company is a leading provider of improved parts and low-NO<sub>x</sub> upgrade solutions for gas turbines. For more information, visit [www.psm.com](http://www.psm.com).

**Cemtek Environmental Inc**, the CEMS (continuous emissions monitoring systems) experts, announces its relocation to larger quarters at 3041 S Orange Ave, Santa Ana, Calif 92707. Telephone and fax numbers remain the same. For more information, visit [www.cemteks.com](http://www.cemteks.com).

**Niagara Blower** Heat Transfer Solutions, Buffalo, produces a 30-min DVD to help industry professionals learn about closed-loop evaporative wet-surface air coolers used to cool liquids and condense steam while conserving water. WSAC systems combine elements of a tubular heat exchanger and cooling tower in a single structure. More effective heat transfer (lower outlet temperature) is accomplished with less power consumption and in a smaller space than tra-

ditional alternatives. Write [sales@niagarablower.com](mailto:sales@niagarablower.com) for a copy of the DVD.

**CleanOil** is formed by the merger of EPT Inc and Fluitec, both of which started up in 1995. The objective of EPT's product line had been to maximize the life and performance of industrial lubricants; Fluitec developed a leading technology to measure the life of lubricants.

EPT has been among industry leaders in the removal of sub-micron insoluble particles and soluble lubricant degradation products. Fluitec achieved international acceptance with a key patented technology—called Ruler™—to monitor antioxidant levels in used lubricating fluids. Andre Annicq is chairman of the new company, Peter Dufresne is president/CEO. For more information, visit [www.cleanoil.com](http://www.cleanoil.com).

**2009**

# BEST PRACTICES Awards

**to gas-turbine-based powerplants  
(combined cycle, cogeneration, peaking)**

**Categories: Management, O&M, Safety, Design, Environmental**  
**Deadline for entry: December 31, 2008**

Judging/recognition: All entries will receive industry recognition by way of a profile in a special editorial section on Best Practices published in the Q1/2009 issue of the COMBINED CYCLE Journal.

A panel of judges with asset management experience will select for formal recognition at an industry event next spring, the Best Practices they believe offer the greatest benefit to the industry given today's goals of improving performance, reliability/availability, and safety, and reducing emissions and O&M costs.

**RULES**

1. Entries accepted only from employees of North American (US, Canada, Mexico) powerplant owners and third-party firms with direct responsibility for managing the operation and maintenance of gas-turbine-based electric generating facilities.
2. Maximum of three entries from the same powerplant.
3. Entries must be received by midnight December 29, 2008 via regular mail/courier, fax, or e-mail.

**TO ENTER**

**There are no formal entry forms. Here's the information required:**

1. Award category (select one): Plant or Fleet Management, O&M, Safety, Environmental Stewardship, Design.
2. Title of Best Practice.
3. Problem: Description of business or technical challenge motivating the development of a Best Practice.
4. Solution: Description of the Best Practice.
5. Results: Document the benefits gained by implementing the Best Practice. For example, percent improvement in starting reliability or plant availability, dollar or percent saving in annual operating cost or reduction in annual maintenance cost, percent improvement in man-hours worked without a lost-time accident, etc.
6. Name of plant.
7. Plant owner.
8. Plant personnel (and their titles and company affiliation) to be recognized for developing and implementing the Best Practice.
9. Contact for more information (name, title, company, phone, fax, e-mail).

**Suggestions:** (1) Do not mention the name of your company or plant when completing Parts 2-5. This is the information that will be submitted to the judges. (2) Limit your response to Parts 1-5 to the equivalent of one page of single-spaced 12-pt type.

Refer questions/submit entries to:  
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