

Best Practices Awards



Araucaria



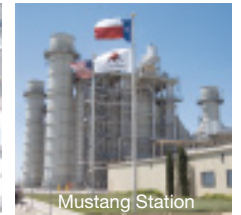
CCC Saltillo



Columbia Energy Center



Blackhawk



Mustang Station

One of the biggest challenges facing owners and operators of gas-turbine-based powerplants in deregulated markets is the need to continually improve the performance of their facilities—to increase revenues and decrease expenses. One component of this goal of “continual improvement” is Best Practices. These are the methods and procedures plants rely on to assure top performance on a predictable and repeatable basis.

The Best Practices Awards program launched in late 2004 by the COMBINED CYCLE Journal has as its primary objective the recognition of the valuable contributions made by plant staffs—and headquarters engineering and asset-management personnel as well—to improve the performance of GT-based generating facilities. Entries for the 2010 awards in Operation and Maintenance (three categories this year: Balance of Plant, Major Equipment, Business), Design,

Environmental Stewardship, Management, and Safety are presented in the more than three-dozen pages that comprise this report—all edited for style, some for length. A quick read is sure to uncover an idea or two that can be repurposed at your plant to increase reliability/availability, boost efficiency, reduce air and water emissions, and/or improve safety.

The entries were judged by seven members of the CTOTF Leadership Committee, chaired by Bob Kirn of the Tennessee Valley Authority. The Combustion Turbine Operations Task Force, the nation’s oldest GT user group, and the one with the broadest coverage in terms of manufacturers and models served, will host the presentation of awards during the organization’s Spring Turbine Forum in Jacksonville (Amelia Island), April 26.

There are two levels of awards to recognize the achievements at individual plants: Best Practices and The Best of

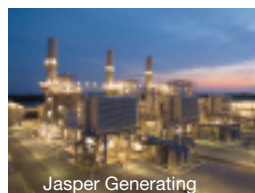
the Best, as determined by the judges. Award recipients will be announced in the next issue.

Please judge the entries on your own, using the guidelines and scorecard presented on the last page of this report. E-mail Senior Editor Scott Schwieger (scott@psimedia.info) with your choices in each category and tell him why you selected the plants you did. We welcome your input and will include it in the next issue along with the judges’ results.

Announcement of the 2011 awards program is made elsewhere in this issue. Alternatively, you can get details at www.combinedcyclejournal.com/bestpractices.html. Entries should not take more than a couple of hours to prepare and can be submitted to Schwieger at any time on or before Dec 31, 2010. This is one way to get the recognition your plant, your staff, and you have earned by your collective resourcefulness. Please plan to participate.



Covert



Jasper Generating



Desert Basin



Effingham



Granite Ridge



New Harquahala



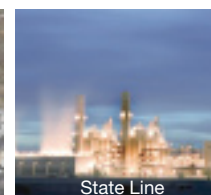
Hopewell Cogen



ManChief



Pinelawn



State Line



Wolf Hollow

Contents

- 12 O&M, Balance of Plant
- 26 O&M, Major Equipment

- 36 O&M, Business
- 54 Design
- 58 Environmental Stewardship
- 62 Management

- 67 Safety
- 75 How entries were judged
- 77 You be the judge
- 78 Sponsors of the awards program