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about
CO2
Cleaning Technology



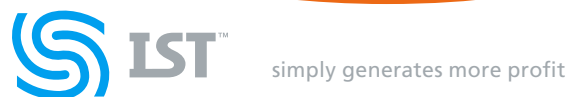
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\$845,639
More Profit
Per year*

*In a direct comparison, under the same combined cycle plant conditions, a Once Through Steam Generator delivers improved efficiency, faster plant start-up, increased power output and the lowest operational costs. OTSGs simply generate more profit when compared to traditional drum type boilers.

For details on this comparison and an NPV assessment for your plant, please call Caleb Lawrence, P.Eng. at 519.740.0757 or email clawrence@otsg.com



Visit Booth 206 HRSG 2009

How Best Practices entries are judged

Objective judging is critical to the success of any awards program. The CTOTF Leadership Committee, chaired by Bob Kirn of Tennessee Valley Authority, Chattanooga, selected from its ranks a panel of six judges for 2009. Note that Best Practices entries were scrubbed of company, plant, and personnel names before they were submitted for judging.

Entries were received from gas-turbine-based combined-cycle, peaking, and cogeneration plants. The panel of judges reflected expertise in each of these sectors of the industry to ensure a level playing field for all participants. Here's a thumbnail sketch of the panel's qualifications:

- Three judges are located at their companies' headquarters sites and have engineering and/or management responsibilities for multiple generating resources; two are plant managers; one is a former utility engineer and CTOTF offi-

cer now in private practice.

- Of the judges with management responsibilities at the deck-plates level, one is at a combined-cycle plant and the other at a peaking facility.
- Two judges are experts in aero engine O&M, the others specialize in frames.
- Plant management/operations experience of the panel is well over 100 years.

Each judge received a notebook containing the entries arranged by category: Management, Environmental Stewardship, Safety, Design and Operations and Maintenance (O&M) together with a score sheet. The assignment: Read each entry for a given category and rate it from 1 to 10 for the five evaluation parameters listed below. The weighting factor assigned to each evaluation parameter is in parentheses.

1. Achieved business value—both real and measurable (weighting factor of 10).

2. Complexity of the issue (8).

3. O&M staff involvement (6).

4. Degree of coordination across multiple groups at both the plant and corporate levels (5).

5. Duration of the value proposition (9).

Next step is to multiply the score for each parameter by its weighting factor; then add the results. Entry with the highest point total in a given category is awarded a "1," next highest a "2," and so on. Each judge submits his or her rankings to the editors, who then add them. Lowest point total in each of the five categories is rated The Best of the Best.

Last year the voting was extremely tight. When the scores of the first five judges to submit their results were totaled, one category had a three-way tie and another had a two-way tie. Those ties were broken when the sixth judge's scores were added in. There was a final tie in the O&M category and two The Best of the Best plaques were awarded.

2010

BEST PRACTICES Awards

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

Categories: Management, O&M, Safety, Design, Environmental
Deadline for entry: December 31, 2009



Judging/recognition: All entries will receive industry recognition by way of a profile in a special editorial section on Best Practices published in the Q1/2010 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 31, 2009 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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