

Editor-in-Chief

Robert Farmer

Managing Editor

Bruno deBiasi

European Editor

Junior Isles

Engineering Editor

Harry Jaeger

Field Editor

Michael Asquino

News Editor

Margaret Cornett

Marketing Director

James Janson

Publisher

Victor deBiasi

Subscriptions

Peggy Walker

Facsimile +1 203 254 3431

orders@gasturbineworld.com

Executive Office

Gas Turbine World

654 Hillside Road

Fairfield, CT 06824, USA

Telephone +1 203 259 1812

Website

www.gasturbineworld.com

Advertising Sales**US & Canada – James Janson**

Telephone +1 203 226 0003

Facsimile +1 203 226 0061

publications.grp@snet.net

Europe – Peter Gilmore

Telephone +44 (0)207 834 5559

pgilmores@aol.com

Japan – Victor deBiasi

Telephone +1 203 259 1812

Facsimile +1 203 254 3431

vdebiasi@gasturbineworld.com

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On the Cover. Recently commissioned Panda 2x1 5000F combined cycle with 'shaping power' for 10% hot day power boost

2 Project development and industry news

Thailand 12 cogen projects valued at \$2.4B, China clean energy agreement, Turkey investing \$1B for 950MW combined cycle, equity financing push for 1.8GW Trafford Power, Fuji Electric order for 8000H plant, Abu Dhabi 1600MW combined cycle

14 Exelon 7HA.02 combined cycle projects

Company is building two 2x1 duct-fired combined cycle plants rated 1,000MW each to operate mainly as base load plants with the capability of fast startup for grid back-up dispatch

20 Panda is banking on Flex-plant versatility

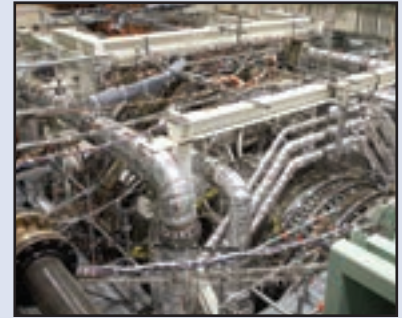
IPP's newly commissioned 760MW fast-start combined cycle plant can be synchronized to the grid in 10 minutes and is capable of delivering 60% of its full load output in less than 25 minutes

26 Gas engine promises lowest owner costs

New 2500kWe engine will have lower owning and operating costs than any engine in its class, says OEM, with up to 45% efficiency and flexibility for baseload, peaking or island operation

30 FT4000 rated 61MW and 40% efficiency

New aeroderivative FT4000 gas turbine engine is being introduced with water injection to reduce emissions and wet compression option for a 15% boost in power output with improved efficiency

**Steam is out**

New air cooled H-class gas turbines with better than 61% net combined cycle efficiency are in final stage of verification testing prior to release, *page 14*

**Double duty**

Some new baseload combined cycle designs are high up on the merit order of dispatch for short notice start-up and ramping flexibility, *page 20*

**Flying high**

Latest 60MW sized aero-derivative gas turbine combining low \$ per kW cost with high hot day efficiency and modular design for 'overnight' installation, *page 30*

