



On the Cover

Mitsubishi Hitachi M501J.
Air-cooled JAC version for 60-Hz generation is rated at 370 MW and 42.6% efficiency. Combined Cycle 1x1 power block is rated at 540 MW net output with 63.1% efficiency.

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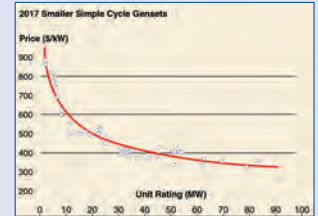
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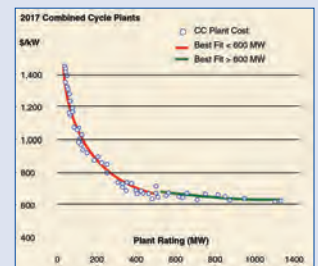
Simple cycle prices

Data plots and “best fit” curves show the strong relationship of price to output rating, especially for smaller units that cost considerably more on a \$ per kW basis than larger plants.



Combined cycle prices

Reported budget prices for 1x1 and 2x1 plants also serve as a benchmark to ballpark the price of unlisted combined cycle plants comparable in power output and efficiency.



Mechanical drive prices

Reported budget prices are for one or two-unit buys; large multi-unit gas turbine orders with phased delivery give buyers bargaining leverage to negotiate sizeable discounts.

