

- MARKET NOTICE -

**SUBMISSION OF GENERATOR HEAT RATE AND
EMISSION DATA**

The Federal Energy Commission's (FERC) April 26, *Order Establishing Prospective Mitigation and Monitoring Plan for the California Wholesale Electric Markets and Establishing an Investigation Of Public Utility Rates in Wholesale Western Energy Markets*, imposes price mitigation on all generators in California, including non-public utility generators, with available capacity during periods of reserve deficiency, defined as emergency situations beginning at Stage 1 Emergency. FERC's price mitigation measures will become effective May 29, 2001.

FERC directed each gas-fired generator in California (both those who have signed Participating Generator Agreements (PGAs) and those non-public utility gas-fired generators who sell into the ISO's markets or utilize the ISO Controlled Grid)) to file, by May 1, 2001 (within five days of the order) with the Commission and the ISO (on a confidential basis) the heat rate (not including start-up and minimum load fuel costs) and emission rate for each generating unit.

In order to facilitate the provision and use of the heat rate and emission data to be provided by the above-described generating units, the ISO has developed a template (attached) for submitting the required data. The template requests that generating unit owners provide the heat and emission rates at various output levels. The template also specifies that generating unit owners *must* provide the heat and emission rate data "at or near" each unit's maximum output.

Please submit the required data, in the format specified, no later than 5:00 PM, May 1, 2001. Please submit such information electronically to Jim Price at the ISO (jprice@caiso.com). The ISO will treat all submitted data on a confidential basis.

-----Original Message-----

From: Woertz, Byron
Sent: Monday, April 30, 2001 5:24 PM
To: ISO Market Participants
Subject: CAISO Notice - Supplement To Market Notice - Submission of Generator Heat Rate and Emission Data

ISO Market Participants:

This Market Notice provides additional guidance pursuant to the Federal Energy Regulatory Commission's (FERC) April 26, *Order Establishing Prospective Mitigation and Monitoring Plan for the California Wholesale Electric Markets and Establishing an Investigation Of Public Utility Rates in Wholesale Western Energy Markets*, and the Market Notice issued by the ISO on April 27.

FERC directed each gas-fired generator in California (both those who have signed Participating Generator Agreements (PGAs) and those non-public utility gas-fired generators who sell into the ISO's markets or utilize the ISO Controlled Grid) to file, by May 1, 2001 with the Commission and the ISO (on a confidential basis) the heat rate (not including start-up and minimum load fuel costs) and emission rate for each generating unit. The ISO's understanding at this time is that this order applies to all gas-fired generators for which the use of their output utilizes the ISO Controlled Grid, even if they are not covered by a PGA or sold into the ISO's markets. If a generation owner believes there is ambiguity in determining whether there is use of the ISO Controlled Grid, case-specific details may need to be considered before a final interpretation can be provided.

The ISO recognizes that some generators' maximum and minimum output levels, heat rate, and emissions may vary with ambient conditions. In such cases, the ambient conditions that apply to the provided information (e.g., specifically-described average summer conditions) should be stated as part of the response, and the response may further state how the provided information would vary under different ambient conditions. The ISO will continue to consider this issue during implementation of FERC's decision. Owners of new generation, for which final test results are not yet available, should provide those final test results no later than 7 days prior to commercial operation.

In order to facilitate the provision and use of the heat rate and emission data to be provided by the above-described generating units, the ISO provided a template for submitting the required data, as part of its April 27 Market Notice. In completing the template, the same MW points should be used for both heat rates and emissions data. The heat rate

(BTU/kWh) should be stated as the average heat rate at each operating point, rather than as the incremental heat rate. We request that you complete the template with heat and emission rates for as many output levels as possible, up to preferably all 11 output levels. A minimum of two output levels should be provided.

Please submit the required data, in the format specified, no later than 5:00 PM, May 1, 2001. Please submit such information electronically to Jim Price at the ISO (<jprice@caiso.com>). The ISO will treat all submitted data on a confidential basis.

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