

The background features a vertical gradient from light purple at the top to light blue at the bottom. Numerous realistic water droplets of various sizes are scattered across the frame, with some showing highlights and shadows. A faint, glowing circular shape is visible in the upper center.

# **JINDAL INDIA THERMAL POWER LIMITED**

<b>(70) Norms of operation for thermal generating station</b>	<b>JITPL Comments/ Suggestion</b>
<p><b>(C) Gross Station Heat Rate:</b></p> <p><b>(b) Thermal Generating Stations achieving COD on or after 1.4.2009:</b></p> <p>(i) For Coal-based and lignite-fired Thermal Generating Stations:</p> <p>For 200/210/250 MW Sets. : 1.05 X Design Heat Rate (kCal/kWh)</p> <p><b>For 500 MW Sets and above: 1.04 X Design Heat Rate (kCal/kWh)</b></p>	<p>In the previous regulations the Station Heat Rate was taken at 1.05 X Designed Heat Rate irrespective of Unit Size.</p> <p>The same may be retained as per the previous regulation at 1.05 irrespective of Unit Size as Higher Capacity Units running at Part Load or Under Flexible Operation have higher Heat Rate deterioration compared to smaller Unit Size.</p>

**(70) Norms of operation for thermal generating station**

**(E) Auxiliary Energy Consumption**

**(a) For Coal-based generating stations except at (b) below**

(iii) 600 MW and above

**Steam driven boiler feed pumps 5.25%**

In the previous regulations, the Auxiliary Energy Consumption was taken at 5.75%.

There has been not much technological upgradation in the Plant who have CODs post 01.04.2009.

Thus there prima facie seems reason to reduce the APC from 5.75% to 5.25%.

Request to retain the APC parameter as per previous regulation.

**Heat Rate Deviation/ Increase due to Flexible Operation above 55%.**