

Quiz # 07 Topic 1

The prize for Quiz # 07 topic 1 goes to Manjeet Singh, because he approached the issue correctly from the commercial side. There had been many excellent and outstanding contributions from an engineering point of view (Mr. Harsh Malhotra in particular). However there is as well a lot of confusion in some papers. All technical arguments why UHV was introduced or used are not sound. The only reliable and commercially acceptable indicator is the Gross Calorific Value of the coal as measured by a bomb calorimeter test. This is the energy in a coal one pays for. This test can be performed, no matter what the ash or water content of the coal is. Whether this available energy content in a coal is properly extracted is certainly a matter of technology and operation. All other approaches such as NCV or UHV are therefore second choices and don't benefit a firm.

Quiz # 07, Topic 2

This topic was an easy one. Nevertheless only a few papers referenced the numbers given for PLF and total installed nominal power capacity for thermal power and wind power in India for a specific date.

The prize goes to Vinay Kumar Pandey and R.V. Nesari who referenced best.