

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Coram

1. **Shri Ashok Basu, Chairman**
2. **Shri G.S. Rajamani, Member**
3. **Shri K.N.Sinha, Member**

Petition No.4/2000

In the matter of

Operational norms for thermal generation

ORDER

The Commission in its order dated 21/12/2002 in Petition No.4/2000 and other related petitions had decided the norms for determination of tariff, applicable from 1.4.2001 to 31.3.2004. The norms to be applicable from 1.4.2004 need to be finalised after review of norms in force from 1.4.2001 to 31.3.2004. In that context, the central generating utilities namely, NTPC, NLC and NEEPCO were directed by the Commission to maintain correct and verified data relating to heat rate, coal consumption, secondary fuel oil consumption, PLF, availability, auxiliary consumption, etc. The concerned utilities were further directed to furnish the above data to the Commission on quarterly basis within 30 days of expiry of each quarter so that the details could form the basis for review of norms to be applicable from 1.4.2004.

2. No reports in accordance with the above directions have been received from NLC and NEEPCO. Though initially certain reports were submitted by NTPC, it has also since discontinued submission of the quarterly reports. In the absence of necessary

information, the Commission feels handicapped while reviewing the tariff norms for the tariff period commencing from 1.4.2004.

3. The initial data received from NTPC has been analysed. This data is considered to be inadequate and is not of much assistance to the Commission for taking the view while considering review of norms for the next tariff period.

4. We have considered the matter. In order to facilitate submission of data by the concerned utilities, we have devised the formats for submission of information by them. These formats are annexed at Annexure-I and Annexure II to this order. Annexure I relates to information regarding Coal/Lignite Fired Thermal Stations whereas Annexure II contains information relating to Natural Gas/Liquid Fuel Fired Thermal Stations.

5. NTPC, NLC and NEEPCO are directed to furnish the necessary details as per the proformae annexed to this order for the period commencing from 1.1.2001 and up to 31.12.2002 by 28.2.2003. CMDs of the concerned utilities shall personally ensure timely submission of the details asked for and for this purpose a copy of this order be sent to each of the concerned CMD (by name) also in addition to copy sent through normal office channels.

Sd/-
(K.N. SINHA)
MEMBER

Sd/-
(G.S. RAJAMANI)
MEMBER

Sd/-
(ASHOK BASU)
CHAIRMAN

New Delhi dated the 13th January, 2003

Annexure I to order dated 13.1.2003
in Petition No.4/2000

Operational Data Required for Coal/Lignite fired Thermal Power Stations

1. Name of Power Station : _____
2. Rated Capacity of the Units : _____
3. No. of Units : _____
4. Period : For _____ Quarter of the year _____
5. Average Availability as per
ABT Order (%) :
6. Generation (Million Units)
 - a. At Generator Terminals :
 - b. At Bus bars :
7. Average PLF for the quarter (%):
8. Weighted average station
Heat Rate (kCal/kwh) :
9. Auxiliary Energy Consumption
(% of station capacity) :
10. Total Coal/Lignite consumption
for the quarter (MT) :
11. Weighted Average GCV of the
coal consumed during the Quarter
 - a. As Received (kCal/kg) :
 - b. As Fired (kCal/kg) :
12. Average Specific fuel oil
consumption (ml/kwh) :

Signature
Name and Designation of the Signatory
Date

Annexure II to order dated 13.1.2003
In Petition No.4/2000

Operational Data Required for Natural Gas/ Liquid Fuel fired Thermal Power Stations

1. Name of Power Station : _____
2. Rated Capacity of the Units : _____
3. No. of Units : _____
4. Period : For _____ Quarter of the year _____
5. Average Availability as per ABT Order (%) :
6. Generation (Million Units)
 - a. At Generator Terminals :
 - b. At Bus bars :
7. Average PLF for the quarter (%) :
8. Weighted average station Heat Rate (kCal/kwh) (As applicable)
 - a. Combined Cycle Operation without Nox Control :
 - b. Combined Cycle Operation with Nox Control :
 - c. Open Cycle Operation without Nox Control :
 - d. Open Cycle Operation with Nox Control :
9. Auxiliary Energy Consumption (% of station capacity) :
10. Total Fuel (N. Gas/ Primary Liquid Fuel) consumption for the quarter (SMCD/ KL) :
11. Weighted Average GCV of the Fuel (N. Gas/ Primary Liquid Fuel) consumed during the Quarter (kCal/ SMCD or kCal/ Lit.) :
12. Average Alternate Liquid fuel consumption for the Quarter (KL) :
13. Weighted Average GCV of the Alternate Liquid Fuel consumed during the Quarter (kCal/ Lit.) :

Signature
Name and Designation of the Signatory
Date