



Madhya Pradesh Electricity Regulatory Commission
5th Floor, Metro Plaza, Arera Colony, Bittan Market, Bhopal 462 016

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Date: 13/12/2005

Sub: Petition in the matter of exemption from additional charge of 2% for availing power at 132 KV with contract demand more than 40000 KVA under HV-2 : Coal Mines Category for NCL as special case.

**ORDER SHEET
Petition No. 97 of 2005**

Northern Coal Field Ltd Singrauli, Distt. Sidhi (M.P.)	-	Petitioner
V/s M.P. Poorv Kshetra Vidyut Vitaran Co. Ltd., Jabalpur	-	Respondent

Shri T.K. Tripathi, EE (E&M) and Shri Greeshm Jain Advocate appear on behalf of the petitioner.

Shri D.K. Gondotra, Addl. S.E. (Comm-EZ) and Shri Dilip Godbole, Addl. C.E. O/o (T&C), MPSEB, Transco, Jabalpur appears for respondent.

2. This petition is in the matter of exemption from additional charge of 2% for availing power at 132 KV with contract demand more than 40000 KVA under HV-2: Coal Mines Category for NCL as special case

3. During the course of last hearing, Commission directed the respondent and the petitioner to sit together with the Joint Director (Tariff) MPERC and examine the submission of the petitioner and verify the line losses on the feeder with the increase of load from 40000 KVA to 50000 KVA and to submit a report on the next date of hearing.

4. During the course of hearing today, the respondent handed over the calculation sheet examined by the T&C office of MPSEB and a note to the petitioner. The respondent in its additional submission states that the total additional loss occurring in MPSEB system due to drawal of 50 MVA power on 132 KV system, in place of 220 KV system is 468%.

5. The respondent states that as miscalculated by the petitioner even if 50 MVA power is transferred on double circuit 132 KV line in place of 40 MVA, losses will increase by 56% against the reduction of 21%. Respondent further submits that the double circuit is provided for better voltage and enhances the reliability of supply and even with double circuit line consumer is at liberty to draw power from either or both of the 132 KV lines. The percentage loss in transmission of 50 MVA power from Amarkantak to the consumer on 220 KV is calculated to 2.162% whereas from 132 KV the percentage is 12% and the additional loss due to transfer of power on 132 KV line is 455%. The respondent further states that due to non-availability of exact figures, factors like investment in creating additional capacity in 220/132 KV transformer, depreciation and additional O&M charges could not be calculated.

6. Commission, having heard both the parties, directs the respondent to sit together with petitioner and the Joint Director (Tariff) MPERC and to study the calculations submitted by the respondent and give their reply on the next date of hearing.

The case is listed for hearing on 24/01/06.

**Sd/-
(R.Natarajan)
Member (Econ.)**

**sd/-
(D.Roybardhan)
Member (Engg.)**

**sd/-
(P.K.Mehrotra)
Chairman**