

**ORISSA ELECTRICITY REGULATORY COMMISSION
BIDYUT NIYAMAK BHAWAN
UNIT-VIII, BHUBANESWAR - 751 012

Present : Shri B.K. Das, Chairperson
Shri S.K. Jena, Member
Shri K.C. Badu, Member

Case No.55/2008

Meenakshi Power Limited
Vrs.
O P T C L

.... **Petitioner**

.... **Respondent**

In the matter of: Under Clause 1.8 of Orissa Grid Code, 2006 and to permit connectivity of the Petitioner's SHEP at 132 KV at the Jayanagar 220/132 KV Grid S/s pending commissioning of the PLCC equipments.

For the petitioner : Mr. R.P. Mohapatra authorized representative of petitioner

For the respondent : Mr. R.K. Mohapatra, GM (Telecom.) and Mr. A.P. Mohanty, GM (R&T), OPTCL

Date of Hearing: 30.10.2008

Dated of Order: 27.11.2008

ORDER

Mr. R.P. Mohapatra authorized representative of the petitioner's company stated that M/s Meenakshi Power Ltd. has proposed to install 2X12.5 MW small hydro units at Middle Kolab and 4X3 MW small hydro units at the down stream Lower Kolab in the district of Koraput and Malkanagiri on the Kolab river. The 1st unit shall be commissioned latest by the end of December'08. The power from the Lower Kolab Station shall be transferred to the 132/33 KV Switchyard at Middle Kolab through a dedicated 33 KV line. The same power shall be stepped up to 132 KV at the Middle Kolab Switchyard. The 11 KV generated power from the Middle Kolab units shall be stepped up to 132 KV at its switchyard. The power, thus from the Middle Kolab and Lower Kolab shall be transported to the 220/132 KV Jayanagar Grid S/S, 63 Kms. away through a dedicated 132 KV DC line.

2. Mr. R.P. Mahapatra further stated that OPTCL is insisting upon installation of communication equipment for all the units, which he feels to be not really necessary. He said that the units of the Lower Kolab are of less than 5 MW capacity. The petitioner agreed to abide by Regulation 4.11, 4.13(1)(d), provision of the Connection Agreement, Regulations 10.7, 10.9 and Annexure C.5 of the Orissa Grid Code as follows:

C.5 MONITORING OF GENERATION

Reference to Chapter-7-Monitoring of Generation and drawl of power stations of 5 MW and above

<i>Item</i>	<i>To be Submitted By</i>
<i>i. Generators shall provide hourly generation summation to SLDC.</i>	<i>To be submitted by real time basis</i>
<i>ii. CGPs shall provide hourly export/ import MW to SLDC.</i>	<i>To be submitted by real time basis</i>
<i>iii. Logged readings of generators to SLDC.</i>	<i>As required</i>
<i>iv. Detailed report of Generating Unit trippings on monthly basis.</i>	<i>In the first week of the succeeding month</i>

3. However, providing communication facility for each unit may not be required since providing the same for the Lower Kolab units at the Middle Kolab switchyard shall serve the purpose. He further said that communication facility for the Middle Kolab units shall be provided as usual at the Middle Kolab switchyard.
4. He further stated that M/s Meenakshi Power Ltd. has ordered for purchase of the PLCC and Communication equipments and are expected within next 6 months. Hence, in view of the 1st unit being ready by December'08, he pleaded that the Commission may allow for synchronization of its unit with the Orissa Grid pending installation of these equipments.
5. Mr. R.K. Mohapatra, GM (Telecom.), OPTCL stated that it has got no objection if the unit of the petitioner is synchronized pending installation of these equipments. However, he said that the monitoring of generation and drawl as per Annexure C.5 of the Orissa Grid Code should be guided by the

fact that the capacity of the Lower Kolab Power Station is 12 MW and not below 5 MW.

6. After hearing the parties and perusal of the case records we observe that M/s Meenakshi Power Ltd. are ready to synchronize their units very soon. However, since they are in the process of installing the communication and data acquisition equipments, it is ordered that OPTCL shall permit synchronization of their units with immediate effect and in any case before 15.12.2008. Though Regulations 10.7, 10.9 and Annexures C.5 of the Orissa Grid Code provides for submission of report of generating unit trippings on monthly basis and hourly generation summation for SLDC etc., since power from Lower Kolab unit is to be transmitted to the Middle Kolab Unit where from the generation of both the plants will be connected to Jayanagar Grid substation after being stepped up. Power from Lower Kolab unit is not being directly connected to the said grid substation of OPTCL system. The need is for installation of communication and data acquisition equipments at the Lower Kolab Unit upto the Middle Kolab Unit but not for direct communication to Jayanagar. Equipments are to be installed at Middle Kolab end for direct interface with OPTCL system as per the OGC.
7. The case is accordingly disposed of.

(K.C. Badu)
Member

(S.K. Jena)
Member

(B.K. Das)
Chairperson