

ORISSA ELECTRICITY REGULATORY COMMISSION

**BIDYUT NIYAMAK BHAWAN
UNIT-VIII, BHUBANESWAR - 751 012**

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

Case No.21/2009

M/s Shri Mahavir Ferro Alloys Pvt. Ltd.
Vrs.
CMD, OPTCL
Sr. G.M. (PS), SLDC & CEO, WESCO

.... **Petitioner**

..... **Respondents**

In the matter of: To allow 3 months from the date of synchronization to provide alternate forms of communication like Broad Band, Leased Line, Internet, etc.

Date of Hearing: 25.02.2009

Dated of Order: 25.02.2009

ORDER

Mr. R.P. Mahapatra, authorized representative of M/s Shri Mahavir Ferro Alloys Pvt. Ltd., Mr. A.P. Mohanty, Sr.G.M. (R&T), OPTCL and Mr. B.N. Mahapatra, Sr.G.M. (PS), SLDC and Mr. G.C. Mohanty, DGM (Commerce), WESCO are present.

2. Mr. R.P. Mohapatra stated that Sri Mahavir Ferro Alloys Pvt. Ltd has established a CGP of 12 MW capacity at Kalunga and wants to synchronize with the 33 KV system of WESCO at Kalunga 33/11 KV S/S. This 33/11 KV S/S has been connected to Rourkela 132/33 KV grid S/S by a 33 KV feeder. In between Rourkela grid S/S and 33/11 KV Kalunga S/S, there is no tapping to any consumer. The petitioner wants the connectivity at 33 KV for better operation of its CGP and also to push surplus generation to the state grid. In fact, the petitioner had wanted to have 132 KV connectivity to the proposed Kalunga 132/33 KV grid S/S of OPTCL. But since the Kalunga grid S/S/ is yet to come up so far, the petitioner wants the 33 KV connectivity for the present.
3. In the Case No.75/2008 the Commission had passed an order dt.19.01.2009 that the petitioner has to establish that the link from its CGP upto the Kalunga S/S is a tie line or else the petitioner would have to provide a separate tie line. The Commission also ordered that until a decision is taken regarding raising the limit of 5 MW, connectivity may be allowed up to 10 MW, if it is established by the petitioner that, the feeder from Rourkela Grid S/S is a tie line and alternative forms of communication like broad band, leased line, internet etc. are provided

from the plant up to the nearest grid S/S, namely Rourkela, for providing all the required information as per the OGC Regulations.

4. During the hearing on 25.02.2009, R.P.Mohapatra appearing on behalf of the petitioner submitted the documents with the shape of Annexure-B-1 to B-13 wherein he argued that OPTCL and WESCO have permitted over a period of time to the petitioner to establish the CGP and have connectivity with the state grid subject to fulfillment of conditions like putting suitable protection, over/under frequency relay with df/dt feature, reverse power relay and communication arrangement as per OGC. He stressed that there is no similarity between a tie line and a dedicated transmission line as per Section 10 of the Electricity Act, 2003. However, in the absence a clear definition of a tie line a point to point connection between a grid S/S and a CGP without any intervening consumer can be treated as a tie line. Besides that he argued that there is no consumer in the 33 KV link between Rourkela grid S/S and Kalunga S/S. At this point, Sri G.C. Mohanty appearing on behalf of WESCO said that though there is no consumer at present between Rourkela grid and Kalunga S/S, still the possibility of addition of consumers in between in the future may not be ruled out in view of the commercial benefit of WESCO. However, Sri Mohanty did not object to the relaxation of three months prayed for by the petitioner for establishment alternative form of a communication system.
5. Sri R.P. Mohapatra submitted that his client is ready to provide whatever requirement that may be suggested by OPTCL. However, as it would take sometime to procure the communication equipment, he requested that the Commission may allow it to put the alternative form of communication facility within three months of synchronization as per Regulation 1.8 of OGC.
6. Sri B.N.Moahpatra appearing on behalf of SLDC said that he has no objection to the synchronise provided the online facility for monitoring of CGP generation is established to the nearest grid S/S.
7. Sri A.P. Mohanty appearing on behalf of OPTCL did not agree with the submissions of the petitioner stating that only an independent 33 KV line to Rourkela grid S/S could meet the purpose of providing connectivity to the grid. However, he did not object to the relaxation of three months prayed for by the petitioner for establishment of alternative form of communication system.
8. After hearing the parties and perusal of the case records and in view of the present power crisis in the State, the Commission observes that, the CGP should not be kept under bottled up condition when there is a tie line i.e. a direct connection between the CGP and the Grid Sub-station without any intervening load of other consumers and accordingly directs synchronization of the CGP of the petitioner with the State Grid upto 10 MW in case of load throw off, before 16.03.2009. The present connectivity at 33 KV with the Grid, through the distribution system of WESCO is only for a temporary period and final connectivity will be at 132 KV on completion of the Kalunga 132 KV Grid Sub-station. Therefore, the

Commission relaxes the Grid Code and exempts the provision of PLCC/SCADA which will be provided on getting connected at 132 KV. However, as earlier ordered alternate forms of communication shall be provided within three (3) months of synchronization of the CGP.

9. The petitioner must give an undertaking that depending on the outcome of the consultations, as indicated in our order of 19.01.2009, SCADA & PLCC shall be installed as directed by the Commission.
10. Accordingly the case is disposed of.

Sd/-
(K.C. Badu)
Member

Sd/-
(B.K. Das)
Chairperson