

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

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

Case No. 02/2010

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|------------------------------|------|-------------------|
| M/s. Samal Metalic Pvt. Ltd. | | Petitioner |
| Vrs. | | |
| OPTCL | | Respondent |

In the matter of: **Application u/s 86(h) of the Electricity Act, 2003 read with Reg. 1.8 of OGC for exemption of installation of PLCC/SCADA.**

For the Petitioner: Shri S. Mishra, Authorised Representative

For the Respondent: Shri A.C. Mishra, Shri Anil Ku. Pattanik for OPTCL

Date of Hearing: 14.01.2010

Date of Order: 10 .03.2010

ORDER

This case is taken up on question of admission and hearing. The petitioner has filed the case u/S. 86(h) of the Electricity Act, 2003 read with Regulation 14(3) of OGC, before the Commission for exemption under Clause 1.8 of OGC for installation of PLCC/SCADA at 132KV with Meramundali Grid S/s and OPTCL may be directed not to insist the petitioner for installation of PLCC for speech and data communication and accept other mode of communication for the said purpose like Broad Band Service.

2. Shri S. Mishra, authorized representative of M/s. Samal Metalic Pvt. Ltd. stated that the respondent OPTCL have permitted them vide its letter No. 4352 dtd. 29.12.08, to avail 9MVA power at 132 KV level to its up-coming Ferro Alloys Plant at Khadagaprasad from the 132 KV Switching Station of

Hind Metal & Industries near Meramundali Grid S/s through a dedicated 132 KV line with the terms and conditions as stated in Annexure-I. OPTCL in its subsequent letter dtd. 27.01.09 of G.M., Telecommunication Circle, Bhubaneswar have communicated to the petitioner, the cost estimate towards provision of speech and data communication facilities from the Unit of the petitioner to Meramundali Grid S/s along with the Schematic lay out of equipment, under Clause 4.1.3(d) of the OGC Regulations, 2006 and bill of materials for necessary incorporation in the main estimate.

3. Shri Mishra also submitted that M/s. Samal Metalic is having connectivity at 132 KV with Meramundali grid S/s through the 132 KV switching station of M/s. HMI. As per the earlier provision in 76(3) and 76(4) of OERC Distribution (Conditions of Supply) Code, 2004 the firm had applied for power supply for a contract demand of 9 MVA through its 132 KV connectivity. In the mean time, as the Commission has revised the aforesaid Regulations, in its amendment dt.19.10.09, & enhanced it to 15 MVA for dedicated and 10 MVA for non-dedicated consumers (for 33 KV connectivity), M/s. SMPL may be exempted from installation of costly PLCC equipments. He submitted that the firm has already been burdened with a high capital cost on account of connectivity at 132 KV, hence any further burdening for installation of costly PLCC equipment may be exempted, as the same technically or otherwise can be exempted, in the light of amendment to the Regulations 76(3) and 76(4) of Orissa Distribution (Conditions of Supply) Code, 2004.
4. In addition to the above, Generating Stations upto 25 MW (for dedicated line) & 15 MW for non-dedicated line) using transmission system have been exempted from installing equipments, for monitoring of real time parameters for connectivity to SCADA of the licensee through amendment of Regulation 10.3(1) of OGC Regulations, 2006. As SMPL is availing only 9 MVA of load and the drawal is having least effect on the system, provision of PLCC may not be insisted upon.
5. He also stated that as per Clause 9.7(C)(3) of the OGC Regulations, 2006, the EHT consumers (like the petitioner's Unit) having a single circuit, carrier

inter-tripping employing Distance Protection Relays is not necessary as fault can not be feed back to the transmission network from the consumer's network. Hence, there is no necessity of installation of PLCC for protection purpose as claimed by OPTCL. OGC Regulations, 2006 does not make it mandatory for but EHT consumers to install PLCC for speech and written communication\, but only recommends a dedicated system of communication. It can be effectively done by other modes of communication including Broad Band Line, so there is no necessity for installation of costly PLCC equipment for this purpose.

6. Shri A.C. Patra, OPTCL submitted that, M/s. SMPL has neither a CGP nor intends to avail power in 33 KV, hence provision of PLCC/SCADA is mandatory for the firm as per OGC Regulations, 2006, as they intend to avail 9 MVA from OPTCL system, through 132 KV connectivity. OPTCL submitted that for reliable and smooth transmission of data upto the nearest SCADA interface point, provision of PLCC is required. Hence, the petition may be rejected and petitioner may be directed to install PLCC.
7. He also stated that seeking exemption from installation of PLCC / SCADA in view of the amendment of Regulation 76(3) & (4) of OERC Distribution (Conditions of Supply) Code, 2004 is not applicable to the petitioner as the said amendment relates exclusively to connectivity at 33KV. The provision of PLCC/SCADA is mandatory for the petitioner as per the existing provisions under OGC as it intends to avail 9MVA power from OPTCL system through 132KV connectivity. He also further prayed the Commission not to consider the amendment of OGC for allowing exemption to the petitioner keeping in view the safety, reliability and integrity of the entire power system.
8. After hearing the parties and perusal of the case records the Commission orders as follows:-
 - (i) As per regulation 4.13(d) of OGC Regulations, 2006, *“All agencies connected to or planning to connect to STS would ensure provision of RTU and other communication equipment, as specified by STU, for sending real-time data to the nearest SCADA Interface Point of the*

Transmission Licensee at least before date of commercial operation of the generating stations or sub-station/line being connected to STS”.

- (ii) Further as per regulation 4.11 of the OGC Regulations, 2006 “*All agencies in co-ordination with STU shall provide the required facilities at their respective ends and nearest SCADA Interface Point of the Transmission licensee as agreed to in the Connection Agreement. However, the SCADA communication facilities should be made available in every 220 KV Grid S/s by OPTCL.*”
- (iii) The Commission in its order dt.15.7.09 in Case No.02/2009 has mentioned that the provisions in OGC and CEA Regulations etc. are to be exercised on a transparent and non-discriminatory way by M/s. OPTCL. OPTCL has to develop a mutually agreed procedure, outlining *inter alia* responsibility, accountability and recording of day-to-day communication and data transmission on operational matters. In this regard, the Commission is aware from communications received from some firms that OPTCL has circulated the draft procedure for communication and Data Transmission inviting public views on adoption for the aforesaid procedure. The said final agreed procedure is required to be approved by the Commission, which has not yet been received from the STU.
- (iv) Hence, the exemption of installation of PLCC equipments is not an acceptable proposition at this stage. Amendment of Regulation 4.3(d) of OGC-Regulation, 2006 requested by the petitioner shall not be considered at this moment.
- (v) OPTCL should not insist upon the petitioner for a particular type/mode of communication like PLCC, if alternative mode of communication for the connectivity with SCADA Interface Point of the licensee i.e. telephone, fax, carrier communication, broadband communication, internet/other mode of communication is found to be technically and commercially is suitable and available.
- (vi) The contention of the petitioner on prayer no (3) has been clarified by the respondent in its filing dt.12.01.10.

(vii) M/s. SMPL is required to provide RTU and other communication equipment, for sending real time data to the nearest SCADA interface Point. However, on the submission of M/s. SMPL, the Commission is hereby pleased to allow the time upto 31.3.2010 for the provision of the said equipments.

9. With the above observation, the matter is disposed of accordingly.

Sd/-
(B.K. Misra)
Member

Sd/-
(K.C. Badu)
Member

Sd/-
(B.K. Das)
Chairperson