

**ODISHA ELECTRICITY REGULATORY COMMISSION**  
**BIDYUT NIYAMAK BHAWAN,**  
**UNIT – VIII, BHUBANESWAR – 751 012**

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**Present : Shri B.K. Misra, Member**  
**Shri S.P.Swain, Member**

**Case No.111/2012**

M/s. Action Ispat Power (P) Ltd. ... **Petitioner**  
- Vrs. -

M/s.Orissa Power Transmission Corporation Ltd. & another ... **Respondents**

**IN THE MATTER OF : An application for extension of time for installation of PLCC at (2x43) MW CGP under S.86(1) (f) of the Electricity Act,2003 read with Clause 4.5 of the Orissa Grid Code (OGC) Regulations, 2006 along with Clause- iii (h) of the connection Agreement.**

**- And -**

**IN THE MATTER OF : Under Regulation 1.8 of the OGC Regulations, 2006 to exempt from Data and Speech communication up to nearest SCADA Point.**

For the Petitioner: Shri Anand Kumar Tripathi, Vice President, Action Ispat & Power (P) Ltd., Shri B.K.Britya, D.G.M (Elect.), M/s Action Ispat & Power (P) Ltd.

For the Respondent: Shri Anil Kumar Pattanaik, Dy. Manager (Tele.), OPTCL, Shri P.K.Dash, Sr. GM (P.S), SLDC.

**Date of hearing: 28.12.2012**

**Date of Order: 29 .12.2012**

**ORDER**

Heard the parties at length.

2. Shri Anand Kumar Tripathi, Vice President, Action Ispat & Power (P) Ltd., M/s Action Ispat & Power (P) Ltd. has stated that M/s AIPPL is setting up 2x43 MW Captive Generating Plants at Marakuta, Jharsuguda and its first unit is scheduled to be synchronized by end of December, 2012. Further, as per Regulation 10.5 of the OGC Regulations, 2006, SCADA needs to be installed before execution of connection agreement as per Section. 4.5 of the Orissa Grid Code. The petitioner has submitted that all arrangements for installation of PLCC work is in progress both at Marakuta, Jharsuguda and Sarasmal/Budhipadar and in the mean time Pre-Commissioning tests have been completed. However, the installation & erection of PLCC at Jharsuguda shall be completed after completion of the control panel erection, which is almost completed and terminating cables are now being completed. Programming and commissioning of RTU equipments and testing of data link from RTU panel (2x43 MW) to M/s Action Ispat & Power (P) Ltd., Pandripathar, Marakuta, Jharsuguda to the Grid S/s work is pending, and that will be able to complete the entire allocation and commissioning by first fortnight of 30<sup>th</sup> April, 2013 after final inspection by M/s S.B. Associates Pvt. Ltd. The communication arrangement needs to be provided as decided by SLDC as per clause iii (h) of connection Agreement as provided by Regulation 4.5 of the OGC. In view of the above reason the petitioner has filed this case for extension of time for installation of the PLCC/SCADA equipments.
3. He also stated that M/s OPTCL (Respondent No-1) has approved the drawings and installation of equipments by OPTCL at ABB Ltd. M/s OPTCL has allocated to the petitioner to the following frequency pairs which will be tested i.e. (i) M/s. Action Ispat & Power (p). Ltd. to Sarasmal (Jharsuguda), GSS-324/332 KAZ (ii) Sarasmal (Jharsuguda) GSS to Budhipadar 320/354 KHZ upon successful testing, frequency pairs while commissioning the final frequency level will be adopted for use. Following the erection of PLCC equipment, fiber optic cable laying will be taken up. The conductor from power plant to 132 KV MRSS will be laid after

inspection. M/s Action Ispat & Power (p) Ltd. undertakes that the PLCC will be in place by first fortnight of 30<sup>th</sup> April, 2013 and before the first billing on the commercial transaction between GRIDCO and the petitioner is raised.

4. Shri Anil Kumar Pattanaik, Dy. Manager (Tele), M/s. OPTCL has stated that M/s. Action Ispat & Power (p) Ltd. has installed the PLCC/SCADA equipments, the same are yet to be commissioned and made operative, in accordance with the provisions laid down in OGC Regulations. Necessary approval of the Commission may be obtained regarding grant of extension, if required by the petitioner, in line with Clause 1.8 of the OGC for further action by OPTCL. However, M/s AIPL should not be exempted from providing on-line data up to the nearest SCADA interface point as Regulation. 1.8 of the OGC Regulations, 2006, as the same would jeopardize integrity and security of the power system. In view of the above progress made by the petitioner as on date, they are likely to complete the entire installation work and commissioning work very shortly and M/s. OPTCL orally submitted that it has no objection regarding extension of time up to 1<sup>st</sup> March, 2013 for installation of PLCC/SCADA equipments.
5. After hearing the parties and perusal of the case record, the Commission observes as hereunder:-

In addition to the written submission made in the petition, while making oral arguments during the hearing, the petitioner submitted that the connectivity of its to earlier existing units having capacity of 12 MW and 15 MW has been changed from 33 KV level to 132 KV level during June, 2012. Although the petitioner could not able to submit the permission letter of OPTCL in relation to the aforesaid submission but it is a fact that such connectivity exists.

Further, to the query of the Commission, as to whether any direction has been issued by OPTCL to the petitioner for SCADA provision during change of connectivity. Shri Pattnaik, appeared on behalf of OPTCL stated that, the petitioner has been directed at the time of change of connectivity for installation of SCADA. Shri Das, Sr. GM, SLDC stated that they are not getting any data on real time import/export from the existing 12MW + 15MW captive generating plant of M/s.Action Ispat & Power(P) Ltd.

As per Regulation 4.13 (d) of OGC, 2006, all agencies connected or planning to connect STS should provide RTU and other communication equipments for sending real

time data to the nearest SCADA interface point of OPTCL. Further, the provision of SCADA is not only for scheduling the generation but also required for transfer of on-line data and status of breaker and isolator position etc. as per Regulation 6 (3) of CEA (Technical Standards for Connectivity to the Grid) Regulations, 2007 (i.e. in order to facilitate operation and outage requirement as well as safety coordination etc. in Grid Management). Since the requirements are mandatory under OGC, 2006 and CEA Regulation etc., the Commission took it seriously and asked OPTCL to furnish a factual report on such connectivity within 15 days of issue of this order.

During past, many industries had been allowed by the Commission to be synchronized with the Grid, subject to installation of PLCC/SCADA at a latter date. In some cases the Commission had also allowed time but with a provision of penalty (if not installed the SCADA within the specified time). The Commission feels that some of the parties might have not so far implemented the Commission order for such temporary relaxations and OPTCL, the STU has also not initiated appropriate action against the defaulting parties, as the provisions of PLCC/SCADA are the mandatory requirements as per OGC Regulations, 2006 and relevant CEA Regulations etc. The Commission therefore directs OPTCL to furnish a status report on the installation/commissioning of PLCC/SCADA of those industries granted temporary exemption by the Commission under Regulation 1.8 of OGC Regulations, 2006. The report should indicate the case no, date order, directions/orders in brief and the present status as on 31.12.2012. The said report should reach the Commission on or before 28.02.2013.

As submitted since the petitioner has made all arrangements for installation of PLCC/SCADA and the work is in progress, the petitioner's existing captive power plant of 27MW is already connected through 132 KV connectivity with STS, for which OPTCL has apparently not raised any objection yet, the Commission hereby grants exemption under Regulation 1.8 of the OGC Regulation, 2006 for commissioning of PLCC/SCADA. The petitioner is directed to provide PLCC/SCADA equipments compatible to OPTCL system for real time data monitoring by SLDC of all the 4nos. captive plants (existing 12MW + 15MW and the proposed 2X43MW) on or before 1<sup>st</sup> March, 2013. In the mean time M/s Action Ispat & Power(P) Ltd. may furnish the month wise cumulative data of its Captive generating plant regarding its net generation, self consumption, and sale to third party, if any, including the State Grid to SLDC, GRIDCO

and concerned DISCOM. A copy of this order also be marked to the concerned DISCOM to verify the change of the connectivity of the Industry from 33kV to 132kV and the status of the consumer from HT to EHT category.

6. Accordingly the case is disposed of.

Sd/-  
**(S.P.Swain)**  
**Member**

Sd/-  
**(B.K.Misra)**  
**Member**