

**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. 142 of 2010

Jayshree Chemicals Ltd.(JCL) Petitioner
Vrs.
OPTCL Respondent

In the matter of: Application for exemption under Clause 1.8 of OGC, 2006 for installation of PLCC/ SCADA system in Ganjam 132 KV S/s.

For the petitioner: Shri S.S. Kalya, V.P. (Fin. & Admn), M/s JCL.

For the respondent: Shri A. C. Patra, AGM (Tel), OPTCL and Shri S. K. Choudhury, Sr. G.M., SOUTHCO.

Date of Hearing: 16.11.2010

Date of Order :19.11.2010

ORDER

This case is taken up today on question of admission and hearing. Shri S.S. Kalya, V.P.(Fin & Admn), M/s.JCL stated that the petitioner has filed this case before the Commission. As M/s.JCL has now completed its expansion, it is seeking direction to OPTCL to charge the bay without installation of SCADA / PLCC and also to allow 6 months time for installation of the same. At present M/s JCL have contract demand of 10MW of power supply at 33KV. After expansion, the additional power requirement of the plant shall be 6MW totaling to 16 MW. Accordingly, M/s JCL through SOUTHCO has applied for enhancement of Contract Demand(CD) from 10 MW to 16MW, against existing 10MW at 33KV. On the basis of application of the petitioner through M/s SOUTHCO (DISCOM), M/s OPTCL (TRANSCO) has directed the petitioner to extend the 132 KV bay of its 132/33 KV S/S and draw power of 16 MW at 132 KV and approved the connectivity of the consumer load at 132 KV. The petitioner has already completed the extension of 132 KV and the extended bay is ready for charging. As the consumer (User) will now draw power at 132 KV, M/s OPTCL put the condition for charging the system subject to provision of RTU and

other communication equipments for sending real time data and also to provide voice and data communication facilities as decided by SLDC and as prescribed in the OGC. M/s JCL had reportedly discussed the matter as regards the installation of SCADA/PLCC with OPTCL and submitted that provision of SCADA/PLCC may take some time.

2. He also stated that its expansion project requiring a total load of 16 MW will be ready for commissioning in the first week of Dec., 2010 and accordingly the construction of 132KV feeder bay has been completed for which the charging of extended 132 KV bus and supply of power is now very much required. M/s. JCL had requested OPTCL to allow a minimum six months time for installation of the SCADA equipments as the suppliers informed that delivery of equipments shall take atleast 2 to 3 months of time from receipt of firm order. M/s JCL has not yet submitted the drawing to OPTCL for approval and assured the same to be submitted by 15th December, 2010. As the construction work of the project is already completed and presently pre-commissioning work is going on, in order to avoid delay for commissioning of plant scheduled to be in first week of Dec., 2010, power supply is required for testing and commissioning purposes. In view of the above, he prayed the Commission to direct OPTCL for charging of the feeder and to allow 6 months time for providing PLCC/SCADA work as per OGC Regulations, 2006 and the procedures laid down in the order dtd. 20.09.2010 passed in Case Nos. 2/09 & 106/10 of the Commission
3. Shri A.C. Patra, DGM (Telcom), OPTCL stated that formal permission has been accorded to JCL for availing 16 MW power at 132KV through OPTCL transmission system, subject to acceptance of the terms and conditions as per letter dated 16.07.10 of G.M. (Telcom), OPTCL. It has communicated to the petitioner for schematic layout of equipment, bill of materials along with approved vendor list for establishment of PLCC/SCADA in accordance with OGC Regulations, 2006. M/s JCL vide its letter No. 2969/2010-11 dated 28.10.2010 has requested to allow charging of its 132 KV feeder bay without PLCC/ SCADA as the supplier/manufacture would take a long time to supply the same. He further submitted that in order to avail power supply M/s JCL should have to fulfill the terms and conditions stipulated by Sr. G.M. (TP & Con.), OPTCL as per letter dated. 16.07.2010, wherein provision of PLCC /SCADA is one of the requirements. He

prayed the Commission to allow 3 months instead of 6 months time as requested by M/s JCL for establishment of PLCC/SCADA system in accordance with OGC Regulations, 2006, from the date of charging of their 132KV line failing which penalty should be imposed on it for the period of default. M/s OPTCL was enquired why M/s OPTCL, in the first instance, did not allow the DISCOM/petitioner to draw power upto 16 MW to M/s JCL from the existing 2X12.5 MW 132/33 KV transformer and put up a condition for drawing power at 132 KV? If so, what is its plan for utilization of the present 2X12.5 MW 132/33 KV transformer? In reply to it, Mr. Patra expressed its inability to answer on behalf of the Telecom wing of OPTCL and he stated that he would take up with his counterpart of the Transmission Planning & Operation wing to answer. Apparently, there is no satisfactory reply.

4. Shri S.K. Choudhury, Sr. GM, SOUTHCO who was present in the hearing, stated that with due permission of the Commission, early connection to M/s JCL at 132 KV level may be allowed for drawal of 16MW of load, for which SOUTHCO is not having any objection. SOUTHCO is also in the process of diverting some loads from Chatrapur Grid S/s to the Ganjam Grid S/s, which is likely to be heavily underloaded with (only about 1.5 KW as against transformer capacity of 25 KW), after the aforesaid diversion of M/s JCL load from 33 KV to 132 KV Southco is planning to construct more feeders from Ganjam Grid S/s to cater to the demand of Ganjam and Huma.
5. During hearing, in reply to the queries of the Commission, OPTCL said that SLDC is now getting the Chatrapur-Ganjam 132 KV feeder data by the RTU at Chatrapur though SCADA interface available at Narendrapur 220/132 KV S/S. But as M/s JCL now wants to avail 16MW power at 132KV, provision of Remote Terminal Units (RTU) and other communication equipments are necessary for sending real time data to SLDC for proper monitoring of the User load. The Commission observes that increase of demand from 10MW to 16MW and monitoring thereof temporarily for a period of 3 to 4 months may not have much problem. OPTCL also admits that procurement, erection and commissioning of PLCC/SCADA if entrusted to OPTCL may take more than 3 months from the date of at finalization of drawing due to departmental formalities but a Pvt. Company like JCL can complete it within 3 months hence time extension if required may be allowed for 3 months only.
6. After hearing the petitioner and respondents, the Commission feels that for overall benefit to both the consumer and licensee, charging of 132 feeders is necessary at this

moment. Additionally, as M/s. JCL has started the process of procurement of PLCC/SCADA and the 132 feeder bay construction and associated equipments has reportedly been completed, the Commission orders that M/s JCL should complete other formalities except the provision of PLCC/SCADA at this moment and M/s OPTCL may allow the charging of extended 132 KV bus within **20.11.2010**.

7. In addition to the above, the Commission hereby directed both the petitioner and respondents to comply the followings:

- M/s. JCL should submit the drawing, estimates, etc. alongwith technical particulars and specifications of RTU and communication link (PLCC) from Ganjam S/S to Narendrapur 220/132 KV S/S through Chatrapur 132/33 KV S/S to OPTCL for approval within 15th December, 2010.
- OPTCL should accord necessary approval to the above and intimate the same to M/s. JCL within 15th January, 2011.
- M/s. JCL should complete the procurement, erection and commissioning of PLCC/SCADA including all the associated works, if any, within 4 months from the date of approval of the drawing by OPTCL; failing which penalty should be imposed for the period of default.
- While executing the PLCC link, particularly execution of out door equipment link line CVT, wave trap etc. in the OPTCL sub-stations, M/s OPTCL should extend necessary co-operation with the petitioner and its authorized agent. OPTCL is required to allow requests of shutdown by the petitioner or its authorized agent within 48 hours on receipt of the same so as to adhere the timeline.
- For optimum use of the available resources, SOUTHCO should make necessary arrangements to divert the nearby area loads to the underloaded Ganjam Grid S/s.

8. Accordingly, the case is disposed of.

Sd/
(B.K. Misra)
Member

Sd/
(K. C. Badu)
Member

Sd/
(B.K. Das)
Chairperson