

**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. 136 of 2010

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|-------------------------------------|-------|------------|
| M/s Project Development Consultants | | Petitioner |
| Vrs. | | |
| OPTCL. | | Respondent |

In the matter of: **Application for provision of SCADA System for end users of less than 25MW.**

For the petitioner : Shri K. C. Mahapatra, Chairman, M/s Project Development Consultants

For the respondent: Shri A.C. Patra, DGM (Tel) and Sri A.K. Pattnayak for OPTCL.

Date of Hearing: 09.11.2010

Date of Order : 14.12.2010

ORDER

1. Sri K.C.Mahapatra, Chairman, Project Development Consultants, Sri A.C.Patra, D.G.M.(Tel), OPTCL and Sri A.K.Pattnayak of OPTCL are present.
2. Mr. Mohapatra, on behalf of M/s. Project Development Consultants has submitted that the end users upto 25 MW may be exempted from provision of SCADA. To substantiate his submission, he said that it is not at all prudent to insist the consumers with load less than 25 MW for provision of SCADA for operational communication and data acquisition as Generator including CGP upto 25 MW for dedicated line (tie line) are exempted from such provision. He said that, on one hand OPTCL is not having the required equipments for transmission of its own feeder data to the nearest SCADA interface point but on the other hand it is forcing small consumers to invest more than Rs.1.5 crore for such provision, which is simply intolerable, unacceptable and unjustified. Since, the stand of OPTCL to insist provision of SCADA by consumers with load less than 25MW and non-provision of SCADA by itself contract each other in line with the such exemption for the generators up to 25MW in case of tie line and up to 15MW in

case of non-dedicated line, Commission's interference in the matter is necessary. He prayed for exemption of the provision of SCADA for the end users upto 25 MW and for necessary amendments to the Orissa Grid Code (OGC) Regulations, 2006, for the interest of small consumers.

3. Mr. Patra on behalf of OPTCL submitted that the petitioner has raised the issue in relation to a particular consumer, M/s. Jayashree Chemicals Ltd.(JCL), Ganjam. As M/s. JCL at present intends to avail power through 132 KV, provision of PLCC/SCADA is required as per OGC Regulations, 2006 for transfer of the required data upto the nearest SCADA interface point of OPTCL. Further, the petitioner is required to do so, in the backdrop of guidelines issued under "Procedure on Communication and Data Transmission" in Case No. 02 of 2010 read with 106 of 2010 dt.20.09.10 and provisions in the OGC Regulations, 2006. Hence, the petitioner's application may be rejected being void of merit. That OPTCL however, has not objection, if such relaxation is allowed by way of amendments to the existing OGC Regulations, 2006.
4. After hearing both the parties, the Commission hereby declines to admit the petition at this stage with the following observations and clarifications:
 - The problem of an individual consumer raised by the petitioner in the guise of a general problem for amendment to the OGC Regulations, 2006 is not justified, hence it can not be accepted at this stage as stand alone basis.
 - As per the existing regulation all users (both Generator and Consumer) connected at 132KV and above are expected to provide SCADA facility i.e, RTU, Transducers etc and communication link upto the nearest SCADA interface point (220/132KV S/s) of OPTCL. Users connected at 33 KV level through DISCOM need not provide any SCADA facilities.
 - Further, the Commission after conducting a public hearing had ordered in Case No.60 of 2009 that the connectivity at 33 kV may normally be allowed for any generator including CGP up to 25 MW for dedicated line and up to 15 MW in case of non-dedicated (non-tie) line. Accordingly, a conscious decision was taken during the time of amendment to the provisions of OGC Regulations, 2006. In this regard, ample opportunity was given to the stake holders/public/interested persons during the said

amendment through pre-publication of draft amendment and invited comments thereof and the suggestions/views received in this regard have been taken into consideration for such revision. While approving the “Procedure on Communication and Data Transmission” the Commission, looking in to the interest of power system operation had also considered all the technicalities and requirements about connectivity of generators and loads in line with the provisions of OGC Regulations, 2006.

- Simultaneously, for the benefit of small consumers, OERC Distribution (Conditions of Supply) Code, 2004 has been amended after pre-publication and a public hearing that in case of demand of 15 MVA for dedicated line (tie line) connecting to 33 KV bus of 132/33 KV S/S and upto 10 MVA in non-dedicated (non-tie) line, the supply shall be at 3 phase, 3 wires at 33000 volts. Hence small consumers can avail power supply at 33 kV instead of 132 kV.
- Therefore, in consideration of the above, since the Grid Coordination Committee (GCC) is responsible to examine the problems raised by the users, the Commission feels that this particular issue of allowing any consumer upto 25 MW to be connected to the 33KV bus and thereby being exempted from the requirements of SCADA, needs to be discussed in the GCC. Hence, the matter may be referred to the Member Secretary, GCC for a detailed deliberation in the next GCC Meeting. Member Secretary, GCC shall intimate the date/time/venue of the next GCC to the petitioner for participating in the deliberations as a special invitee. After such mutual consultation and discussion, the recommendations of the GCC for any amendment, would be duly considered by the Commission.

5. With the above observation the case is accordingly disposed of.

Sd/-
(B.K. Misra)
Member

Sd/-
(K. C. Badu)
Member

Sd/-
(B.K. Das)
Chairperson