

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.135/2009

OHPC	Petitioner
Vrs.		
GRIDCO & Another	Respondents

**In the matter of: Excess Auxiliary Consumption in Power Stations of
OHPC and segregation of OHPC and Non-OHPC load in
the colony of Balimela Power House.**

For the petitioner : Mr. D.K. Sahoo, Sr. G.M(Elect), OHPC.

For the Respondents: Mr. L. Mahapatra, AGM, GRIDCO, Mr. A.K. Bohra,
 CEO, and Mr. S.K. Choudhury, GM(C), SOUTHCO.

Date of Hearing : 04.12.2009

Date of Order : 16.12.2009

ORDER

Mr. D.K. Sahoo, Sr. GM(Elect), OHPC has stated that the Commission has disposed of Case NO. 40/08 by directing OHPC as follows:

- (i) Any consumption in excess of auxiliary consumption will have to be paid for at a rate equal to retail supply tariff for supply to bulk housing colonies as applicable to the consumers of SOUTHCO, and the amount to be credited to generators revenue.
- (ii) The level of auxiliary consumption of power station of OHPC has been fixed in accordance with CERC regulation for determination of tariff for generating units which is at present 1% of its generation.

Most of the power stations of OHPC are old and the fixation of norm of 1% of auxiliary consumption, will put a heavy toll on the bottom line of OHPC. The units are more than 25-35 years old except Indravati. The loss in

auxiliary system of power stations excluding colony consumption is much more than 1%. In the present scenario, replacement of auxiliary equipments will need additional capital expenditure and put extra burden on the consumers of the State. The auxiliary consumption excluding colony consumption is much above the normative level of 1% during the last five years. This may be due to excess loss in GT, Unit auxiliary transformer, station auxiliary transformer, station transformer and auxiliary equipments, or lower accuracy class of energy meter.

2. He also stated that as per Departmental Monitoring Report dated. 13.1.09, it is observed that excess auxiliary consumption is due to:-

- (i) Excess loss in generator transformer and other equipments as Most of the equipments in Balimela power station like transformers and other equipments have surpassed their life period
- (ii) The difference in accuracy class of meters in existing metering system.
- (iii) Running of generators at reduced load due to system conditions.

As per suggestion of the Chief Engineers (P)-Cum-Chief Inspector (G), Orissa, OHPC has taken action for testing of all energy meters and also initiated process for replacement of 0.5s accuracy class meters with 0.2s accuracy class meters and installation of new operational meters of 0.2s accuracy class at all the HV & LV side of generator transformers, and input point of station auxiliary and unit auxiliary for proper energy auditing and accounting as per CEA metering Regulation, 2006.

3. He prayed the Commission for relaxation of norms of 1% auxiliary consumption to the average of actual auxiliary consumption of OHPC. Power Stations for last five years, till such time period for OHPC to migrate to an accurate energy accounting system. He further prayed to direct SOUTHCO for segregation of non-OHPC load at Balimela colony

and supply power to them from SOUTHCO sources as per order of the Commission in Case No. 40/2008.

4. Mr. Laxmidhar Mohapatra, AGM, GRIDCO stated that as per the agreement between OHPC & GRIDCO, the auxiliary energy consumption of all stations under OHPC is considered as 1% irrespective of the excitation system, which includes 0.5% towards transformation loss. The relaxation of 1% auxiliary consumption to the average of actual auxiliary consumption of OHPC power stations for last five years is not in conformity with the provisions of PPA. The developer should take up energy audit of their auxiliary system and locate the areas of higher consumption and take necessary remedial measures to maintain auxiliary consumption at normative level as agreed upon instead of appealing for relaxation of 1% auxiliary consumption. As per CEA. (Installation & Operations of Meters) Regulations, 2006, the generator is empowered to install the meter at the generating point at its own cost & capitalize the same for recovery through tariff. So he prayed the Commission not to admit the petition of OHPC to relax the level of auxiliary consumption to the average of actual auxiliary consumption in last five year as it is not in conformity with the CERC regulation as well as the provision in PPA.
5. Mr. A.K. Bohra, CEO, SOUTHCO stated that the order passed by this Commission regarding auxiliary consumption in power stations of OHPC, and segregation of OHPC and non-OHPC load in the colony at Balimela power stations in Case NO. 40/08 has been challenged in Appeal NO. 159/09 by SOUTHCO before the Hon'ble ATE, New Delhi. The said appeal is subjudice. The auxiliary consumption is the matter of decision as per the CERC Regulations and shall be decided by the Commission during the ARR & tariff petition of the OHPC after public hearing. So he prayed the Commission to reject the petition on question of admission and maintainability.
6. After hearing the parties and perusal of the case records on question of admission, we observe that the submissions of OHPC are two fold;

- i) To relax the norm of auxiliary consumption of its power stations.
- ii) To direct SOUTHCO to comply with order dtd. 1.11.08 of the Commission passed in Case No. 40/08 on segregation of OHPC and non-OHPC load at Balimela colony.

The Commission observes that for relaxed norm of auxiliary consumption of any generating station, OHPC may come to the Commission in its ARR & Tariff filing or with a separate application thereafter, with sufficient and reasonable grounds for such a relaxation. Further, since the aforesaid order dated 1.11.08 of the Commission has been challenged by SOUTHCO and is currently subjudice before the Hon'ble ATE, New Delhi at present. OHPC may come to the Commission after the disposal of the said appeal. Hence, the present petition does not merit admission at this stage.

7. Accordingly, the case is disposed of.

Sd/-
(B. K. Misra)
Member

Sd/-
(K.C. Badu)
Member

Sd/-
(B. K. Das)
Chairperson