

**ORISSA ELECTRICITY REGULATORY COMMISSION  
BIDYUT NIYAMAK BHAWAN  
UNIT-VIII, BHUBANESWAR - 751 012  
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Present :        Shri B.K. Das, Chairperson  
                      Shri K.C. Badu, Member  
                      Shri B.K. Misra, Member

**Case No.110/2009**

Gopal Ch. Mishra	....	<b>Petitioner</b>
Vrs.		
EE, CED, Jobra, CESU & Another	....	<b>Respondents</b>

**In the matter of:        U/s 142 of the Electricity Act, 2003.**

For the Petitioner:        Shri Gopal Ch. Mishra

For the Respondent:        Shri Chittaranjan Swain, EE, CED, Jobra, CESU.

**Date of Hearing: 21.10.2009**

**Date of Order: 21.10.2009**

**ORDER**

The Case is taken up for hearing. During hearing on 19.09.2009 the Commission has directed the Licensee-CESU to complete the construction of 1.5Kms of 11KV line erection of 100KVA transformer, segregate the LT lines, between two transformers, measurement the neutral current of both 11KV HT & LT side of both the transformers and also to identify the non-paying consumers before charging of transformer.

2. Mr. Chittaranjan Swain, EE, CED, Jobra, CESU, the respondent stated that they have taken effective steps for carrying out the directions given in paragraph 4(1) of the Commission in its interim order dtd. 19.9.2009. As per direction of the Commission, the construction work of total 1.5 Kms of 11KV line was taken up by both CESU (0.1Km) and by Power Grid (1.4Km) under the RGGVY program, which also completed and was charged on 14.10.2009. The erection work of 100 KVA transformer was completed and the transformer was charged on the same day. The total LT lines of the village of the petitioner are segregated and the

consumers are divided equally between the existing and new transformer which is installed on 14.10.2009.

3. He also stated that as per direction of the Commission the measurement of neutral current of both the existing and new transformers were conducted on 16.10.2009 and it is found that neutral current in the existing 100KVA transformer is 9AMP and in the new installed transformer is 7 AMP . The measurement of peak hour current of LT side of both the transformers are as follows:

**Existing 100KVA Transformer**

$I_R$  – 101 AMP  
 $I_Y$  – 108 AMP  
 $I^B$  – 113 AMP

**New 100KVA Transformer**

$I_R$  – 110 AMP  
 $I_Y$  – 122 AMP  
 $I_B$  – 114 AMP

The peak hour 11KV voltage measured at 33/11 Sub-Station at Fulnakhara on 16.10.2009 and it is found as following  $V_{RY}$  -10.1KV,  $V_{YB}$ -10.1KV and  $V_{BR}$  – 10.2KV

The peak hour LT. voltage at both the transformers are as follows-

**Existing 100KVA Transformer**

$V_{RN}$  –204 Volt.  
 $V_{YN}$  –204 Volt.  
 $V_{BN}$  –205 Volt.

**New 100KVA Transformer**

$V_{RN}$  –205 Volt.  
 $V_{YN}$  –205 Volt.  
 $V_{BN}$  –206 Volt.

4. As per direction of the Commission the respondents have identified the non-paying consumers under the 11KV line, 100KVA, 11/0.4KV transformer and the L.T. line at village Arilo before charging the line on 14.10.2009. There are total 151nos. of consumers out of which 36 nos. of consumer were identified as non paying consumers and their power supply was disconnected due to non payment of dues. He also prayed the Commission to drop the proceeding U/S. 142 of the Act, 2003 as they have complied the said directions.
5. Mr. G.C. Mishra authorised representative of the villagers of Arilo stated that as per direction of the Commission the respondents have installed the new 100 KVA transformer but the earthing has not been done properly. Out of 3nos. of 6 feet

pipes, 5 feet of each pipe has been penetrated into earth without any salt or wooden coal. He prayed the Commission to direct the respondents to do the earthing correctly. He also prayed to direct the licensee to pay the compensation to the consumers of village Arilo for the period of low voltage and for non installation of transformer as per order of the GRF till the date of charging the new transformer under the prevailing Rules and Regulations made thereunder.

6. After hearing the parties and perusal of the case records we opine that as the directions have been carried out by the respondents as admitted by the petitioner except the earthing of the substation which is to be done properly, the proceeding U/S 142 of the Electricity Act, 2003 is dropped with the following directions.

- (i) The Executive Engineer, CED, Zobra is directed to do through check of proper earthing of all Distribution Transformers within his Division and also to construct compound walls of the Sub-stations.
- (ii) The Executive Engineer is directed to recheck the load balancing in all the 3 phase of both the transformer, so that the neutral current remains within the specified limit of 2% of LT side phase current.
- (iii) To check the list of consumers who are listed more than once. If any name is reflected more than once, then the same be deleted from the list to enable proper billing and collection.
- (iv) The petitioner is advised that they take up franchisee work for collection and bill distribution in that area i.e., (Consumer under the two transformers) through the Women Self Help Groups/ Users Association of that area.
- (v) Regarding compensation to the consumers of village Arilo, the petitioner is at liberty to file representation before the Ombudsman for the same.

7. Accordingly, the case is disposed of.

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

Sd/-  
**(K.C. Badu)**  
Member

Sd/-  
**(B.K. Das)**  
Chairperson