

**Minutes of the 6th Meeting of the Utility Advisory Committee of CESU held
on 04.03.11 at 11 A.M in the OPTCL Training Centre, Kalyani Complex,
OERC Building, Unit – 8, Bhubaneswar.**

Members Present:

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| 1. | Sri B. C. Jena, | Chairman |
| 2. | Sri Vivek Pattanayak | Member |
| 3. | Sri D. K. Roy, | Member |
| 4. | Sri S. K. Mohapatra, | Member |
| 5. | Sri G. P. Sarakar | Member |
| 6. | Sri Natabara Barik,
The President, Zila Parisad, Jagasinghpur, | Member |
| 7. | Smt. Rebati Behera,
The President, Zila Parisad, Dhenkanal, | Member |
| 8. | Sri A. K. Bhattacharya,
Representative of Chairperson, State social
Welfare Board. | Member |
| 9. | Sri Ananta Bihari Routhray | Member |
| 10. | Sri Sanjaya Lenka | Member |

Permanent Special invitees:

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| 1. | Sri B. K. Lenka | Chief Operating Officer |
| 2. | Sri S. K. Mishra | Chief HRD Officer |
| 3. | Sri D. K. Choudhury | Chief Project Implementation Officer |

In Attendance:

1. Sri M. K. Mohanty, CVO
2. Sri S. K. Rout, Sr. Consultant (Tech.)
3. Sri A. K. Das, CGM (Com)
4. Sri S. C. Ray, SGM (P & S)
5. Sri R. K. Padhi, GM (Tech)
6. Sri H. L. Roy, GM (Fin)-I
7. Sri M. D. Swain, GM (Fin)-II

8. Sri M. K. Singh, GM (AT & C)
9. Sri S. P. Mohanty, Manager (Grievance)
9. Sri Aresh Mishra, Asst. Secretary
10. Sri G. B. Sahu, Dy. Manager (PRO)

At the outset, Chairaman extended warm welcome to all the members of re-constituted Utility Advisory Committee to the meeting. Thereafter, he drew the attention of the members to the agenda items of the meeting.

1. Grant of leave of absence.

Leave of absence was granted to remaining members of Utility Advisory Committee who could not make themselves available for the meeting.

2. Confirmation of the minutes of the 5th meeting of the Utility advisory Committee of CESU held on 02.07.10.

The Committee confirmed the minutes of the 5th meeting of the Utility Advisory Committee of CESU held on 02.07.10 without any modification.

3. Action taken on various suggestions/ advice given by members in the 5th Utility Advisory Committee meeting held on 02.07.10.

Regular functioning of Special Court for trial of electricity cases for quick disposal of the cases under Electricity Act.

Sri D. K. Roy wanted to know whether there is any conviction for theft of electricity. Chairman Clarified that all the electricity cases are at hearing stage in various special courts constituted under the Electricity Act and so far no one is convicted.

Sri D. K. Roy suggested that if there will be any conviction under the provisions of the Electricity Act then the same should be advertised in Newspaper and through TV programmes for creating greater impact in the society. Chairman also corroborated the same & stated that conviction will

certainly create much greater impact and help in reducing the electricity theft substantially.

Chairman informed the members that one energy police station has been set up in Puri and the said Police Station has arrested six persons in connection with theft of electricity. CVO corroborated the same & stated that all six persons have been remanded to judicial custody. Thereafter, Chairman ventilated that one Energy Police Station will also be set up in Angul within a very short period of time.

Utilization of poor quality electrical materials under RGGVY & BGJY in CESU areas.

Chairman stated that under RGGVY, Central Public Sector Units (CPSUs) such as NHPC, NTPC & PGCIL are supplying quality materials. Certification of our Executive Engineer is required for charging of a sub-station or a transformer under RGGVY & BGJY Scheme. He informed the members that a turn key contract was executed in Marshaghai by supplying a non star rated transformer and it was detected only at the time of certification by our Executive Engineer which is required for charging of a sub-station. This issue has been brought to the notice of concerned collector who placed turnkey order under BGJY scheme on the particular contractor.

Chairman and Sri D. K. Roy observed that under RGGVY & BGJY Scheme, there is hardly any scope for our staff to comment on any matter during the period of work or during the period of installation of a sub-station. Our Executive Engineer will only certify before installation is charged.

Sri Ananatbihari Routray alleged that there is no proper alignment of electricity poles under RGGVY scheme. Some poles have concrete and some poles do not have any concrete. There is no planning at all for installation of

poles. He requested the Chairman to look into this matter since all the installations will ultimately come to CESU. Chairman replied that under RGGVY Scheme, REC guideline for construction of work is followed.

Sri Sanjaya Lenka, Chairman, Marshaghai Panchayat Samiti alleged that many areas in Marshaghai are suffering from low voltage because of rampant hooking and overloading under RGGVY Scheme. Consequently, genuine consumers are not getting proper electricity. He stressed for closure supervision to address the aforesaid problem. He stated that BPL families are getting priority and real consumers are suffering because of low voltage.

Chairman stated that the present consumer strength of CESU is 12.5 lakhs and it will be around 25 lakhs by 31st December, 2012. He further stated that at present CESU is not realizing the BSP amount in energy value which it pays to GRIDCO for purchase of electricity, due to large scale theft of electricity. After implementation of RGGVY & BGVY, in many rural divisions there will be further deterioration of financial position. Chairman suggested that in a village a committee may be formed which will be responsible for billing and collection of the energy consumed. CESU will provide a meter on the L V side of the transformer which will record the power input to the village. The Energy recorded in the meter will be billed at the BSP price at which CESU purchases from GRIDCO. This amount will be paid by the village committee to CESU. In turn, the village committee will charge the consumers in the village as per the retail tariff approved by OERC. CESU will provide the infrastructure like LT extension, upgradation of transformer capacity and service connection to ensure proper power supply in the village. This arrangement will be a win-win situation both for CESU and village committee. CESU will not be required to bill each and every consumer in the village which part of the job will be taken up by the village committee. By this arrangement, the village committee will stand to earn a good amount which can be utilized for development works in their respective villages.

Sri D. K. Roy stated that if general public do not want, then the theft of electricity can not be arrested. Sri Vivek Pattanayak suggested to explore the possibility of lurching this self-employment scheme for collection of electricity dues on pilot basis.

Problem of low voltage.

Chairman stated that CESU is planning to construct a number of 33/11 KV substations under the CAPEX programme to address the low voltage problem. He informed the members that Chief Secretary, Govt. of Orissa has already ordered for advanced possession of three pieces of land i.e at Mata Matta, Baxibazar, (Backside of new circuit house), at Nayasadaka (In front of DRDA office) & at Sati Choura (Backside of cremation ground) for construction of substations in Cuttack against requirement of eight sub-station areas in Cuttack.

Chairman further stated that under CAPEX programme CESU will invest Rs.936 crores for system improvement in four years. For the said investment, CESU will get financial support of Rs. 468 crores from State Government of Orissa and will arrange Rs.468 crores towards its counterpart funding. CESU has already arranged Rs.204 crores from REC towards its counterpart funding. As per CAPEX programme, every year AT & C loss should be reduced by 3 percent, if the reduction of 3 percent of AT & C loss is not achieved in a year or counterpart funding is not arranged, then the total grant of State Government of Orissa will be converted into loan.

New Service Connection Form.

Sri Ananta Bihari Routray alleged that getting a New Service Connection Form and acknowledgement receipt thereof is a biggest problem for the customers in CESU areas. There is a standard reply in CESU that there is no

voltage and no connection will be given. A customer to become a consumer of CESU has to visit to CESU at least 10 times.

Chairman stated that Electricity Act, 2003 clearly lays down the provisions for the New Service Connection, no employee can deny it. In urban areas, CESU is planning to outsource the activity of providing New Service Connection to third party to avoid any delay on this matter. In rural areas, consumer mela is being organized to provide New Service Connection expeditiously. CESU has organized 'Consumer Mela' for instant new connection at Kishan Nagar, Choudwar, Nayagarh, Odagaon, Saranku, Itamati, Blogarh, Harasingh (Angul), Brahmagiri etc. 6,700 new connections have been released during the period of from July to Dec, 2010.

CHRDO advised Sri Routray to please forward the harassment of New Service Connection Cases to CESU so that action can be taken against negligent and corrupt officials. Sri S. K. Mohapatra suggested to periodically review this matter to avoid the recurrence of such harassment in future.

CHRDO suggested if there is problem in JE office in submitting the New Service Connection Form, then the said form should be submitted in the higher office to avoid any delay in getting New Service Connection. Chairman requested all members to bring such cases to his notice for prompt action on these matters.

Utilization of surplus staff for maintenance of electricity line and sub-station.

Chairman ventilated that the maintenance of all 33/11 KV substations have been outsourced due to shortage of staff. The staff rendered surplus in some 33/11 KV sub-stations after outsourcing of 33/11 KV substations will be utilized for maintenance of electricity line and other consumer related services.

Franchisee Operation

Chairman informed the members that the total Nayagarh district is covered by Franchisee Operation. Members enquired whether there is any improvement in revenue collection after franchisee operation. Chairman replied that there is significant improvement in revenue collection and requested the members to visit Nayagarh district for spot assessment of franchisee operation and also suggest any change therein.

Use of Safety Gadgets by field staff.

Chairman informed the members that a number of training programmes are conducted in CESU to impart training to our employees about the use of safety gadgets. CESU has conducted 7 training programmes for imparting training about use of safety gadgets to 270 employees of BCDD – I, BCDD- II, BED, NED, CDD-I, CDD-II, CED.

Sri Vivek Pattanayak stressed for intensive training programme for newly recruited engineering staff. He emphasized that the newly recruited engineers should be given practical training. Chairman stated that as per his direction all 92 newly recruited engineers will go to section first for getting practical training and thereafter, they will be appointed in various divisions and circles.

Thereafter, the Chairman gave power point presentation on various steps taken by CESU to reduce AT & C loss, explosion in consumer base after implementation of RGGVY & on CAPEX programme.

Chairman stated that CESU had recently conducted a case study by installing check meters for 144 consumers in Raghunathpur sub-division. It was found that total suppressed units for 144 consumers are 403650 units and rupee value of the said suppressed units is Rs.13.32 lakhs. He further stated that now CESU is installing check meters for industrial and commercial consumers to find

out the suppressed units and this exercise will help in arresting the theft of electricity in a big way.

Chairman gave a comparative picture on various activities undertaken during the period from November, 2010 to 10th February, 2011 in the areas covered in Tentulinali (100 KVA), DTR and the result achieved as a result of the said exercise. He stated that the distribution loss in the area covered by said DTR was 74.5 percent in November, 2010 & it is now reduced to 32 percent on 10th Feb, 2011. Similarly, Chairman gave a comparative picture on activities undertaken by CESU during the period from November, 2010 to 10th February 2011 in the area covered by Sampur (100 KVA), DTR and the result achieved after such activities. He stated that the distribution loss in that area was 44 percent in November, 2010 and it is now reduced to 30 percent. Members appreciated the steps taken by CESU for reduction of distribution loss in the aforesaid areas.

Chairman ventilated that Jr. Engineers will now be in-charge of feeder for its proper management. He stated that 85 sections have been ring fenced & feeders have been allotted to respective Jr. Engineers for their proper management. Now, Jr. Manager has been designated as Feeder Manager.

Sri Vivek Pattanayak wanted to know whether 100 percent metering has been done for all feeders. Chairman replied that out of 609 feeders, 100 percent metering has been done for 500 feeders. He further ventilated that 5159 distribution transformers have been allotted to linemen who will be responsible for the power consumption & billing in the area covered by the transformer.

Chairman gave a comparative picture on explosion in consumer base after implementation of RGGVY in Nayagarh and Angul. He stated that the consumer

strength of CESU will be 25 lakhs by 31st December, 2012 which is at present 12.5 lakhs only.

Chairman discussed the metering issue with other members. He stated that only vigilance is not sufficient for correct meter reading since meter reading, data entry and billing is done through human interface, this process is prone to connivance between customer-meter reader and customer – employee. He further stated that the aforesaid problem can be solved by adoption of modern technology like pre-paid meters or RF modem meters and this requires large investment to the tune of approximately 420 crores plus its annual maintenance cost. Sri D. K. Roy opined that it is worth-investing in view of huge pilferage of power and loss to CESU. Chairman suggested to the members an alternative proposal for adoption of modern technology like pre-paid meters or RF modem meters with moderate investment. Under this scheme, meter manufacturers will be invited for supply, installation & its maintenance for a period of 3 to 5 years and the vendors will recover the cost through the benefit of loss reduction and realization of extra revenue.

Chairman gave comparative picture on consumer profile of CESU. He briefed the members about the present distribution loss level of CESU. He stated that CESU will save Rs.20 Crores per annum by reducing 1 percent distribution loss. He outlined the various reasons for higher technical loss of CESU, such as, use of G. I. wire as power conductor in 33 KV network, use of low size conductors like 33 MM²-55 mm² in 33 KV & 11 KV network resulting the higher I²R loss due to higher resistance (R), lengthy 33 KV, 11 KV and LT Lines, prolonged use of damaged conductors having large number of joints in 33 KV & 11 KV network, theft of energy in LT network by miscreants, use of old Electro mechanical meters, increase of reactive power due to non use of capacitor bank etc,

He further outlined some measures for such as conversion of 33/11 KV single circuit to double circuit, provision of 11 KV ring system in major cities, provision of compact substation in Cuttack and Bhubaneswar area due to constraint of land, provision of 33 KV ring system and planning of alternate connection with OPTCL sub-station, Use of mini based D/C towers to minimize R.O.W problem in urban areas, use of higher size of conductors in 33 KV system to cater more power for the future load growth, use of SCADA system to minimize the outage time as well as reduction of human resources in major primary sub-stations, use of galvanized steel supports and x-arm etc, for achieving reliable and uninterrupted power supply.

Chairman stated the objective of CAPEX programme is to bring improvement in quality of supply to consumers and for reduction of AT & C loss to a sustainable level. He further stated that this CAPEX programme covers renovation / modernization of existing primary/ secondary substations and installation of new primary/ secondary S/s for reduction of lengthy 11 KV lines, construction of new 33 & 11 KV lines with higher conductor by galvanized structures, making of 33 KV & 11 KV ring system, reducing the length of LT lines, controlling of theft of energy by providing AB conductor, reconductoring of 33 KV / 11 KV & LT lines, HVDS & Aerial Bunch Conductoring, metering & installation of capacitor banks, IT Applications etc.,.

President, Zilaparisad, Dhenkanal alleged that in certain hamlets both RGGVY and BGVY are operating simultaneously and the electric poles of RGGVY are being diverted to BGVY and nobody is taking any action thereon. Chairman stated that BGVY scheme is undertaken in an area where RGGVY is not covered and the total number of families residing in that area is less than 100.

President, Zilaparisad, Dhenkanal further alleged that there is low voltage problem in nine Panchayats of Chainpal namely, Khadakgaprasad, Motanga, Mangalpur, Kuspunga, Bhido, Banarpal, Kodapara, Nayabhagirathipur, Ninidha and requested the Chairman to take action on problem of low voltage. Chairman stated that one 5 MVA transformer has already been released for those areas and it will be installed shortly.

Sri Jayakisan Jena representative of Zilaparisad Dhenkanal emphasized to activate district level Vidyut Committee to arrest rampant hooking in villages.

President, Zilaparisad, Jagatsinghpur alleged that even after completion of work under RGGVY no electricity connection is being given due to low voltage problem. He requested the Chairman to kindly take suitable action for upgradation of the capacity of transformer so that electricity connection can be given under RGGVY scheme.

Sri S. K. Mohapatra enquired whether interest on security deposit is regularly paid to the consumers of CESU. CGM (Com) replied that the interest amount is adjusted against the electricity bill twice in a year. Sri Mohapatra stated that in the month of July, 2010 the interest on security deposit was not adjusted against the bill and requested him to kindly look into this matter.

Sri Anantabihari Routray proposed for constitution of various sub-committees on various issues affecting CESU. The feedbacks of those sub-committees should be placed before the meeting for discussion. Thereafter, he thanked all the members of Utility Advisory Committee for their useful feedback on important issues.

Sri D. K. Roy appreciated the active participation of the members in the deliberation and stressed for proper implementation of various schemes as discussed in the meeting.

The meeting ended with vote of thanks of the chair.

Date:

(B. C. Jena)
Chairman