

**MINUTES OF THE 5<sup>th</sup> MEETING OF DEPARTMENTAL OPERATIONAL  
CO-ORDINATION COMMITTEE**

The 5<sup>th</sup> Meeting of Departmental Operational Co-ordination Committee (DOCC) was held on 3<sup>rd</sup> February 2017 (Friday) at the Conference Hall of Engineer-in-Chief, Power & Electricity Department, Kawlphetha, New Secretariat Complex, Khatla, Aizawl.

**1 : PROCEEDINGS OF THE 5<sup>th</sup> DOCC MEETING**

The 5<sup>th</sup> meeting of DOCC was presided over by Er. Lianghginglova Pachuau, Chairman & Engineer-in-Chief and attendance sheet appended in the Annexure. Chairman welcomed all members present in the meeting and request them to take active participation in the meeting.

As per request of the chairman, Er. R. Vanlalhraia, Chief Engineer (Distribution) who will be retired from the service on superannuation pension in this month addressed the meeting. He thanks to all members for giving full support during his services and stated that formation of DOCC will give better result in the prosperity of the department. He also stated that there must be a positive attitude, mutual respects and cooperation among senior officers for development of the department and relationship with other departments should also be maintained.

**2 : REVIEW OF THE 4<sup>th</sup> DOCC MEETING MINUTE**

The minute of the 4<sup>th</sup> DOCC meeting held on the 16<sup>th</sup> December 2016 was circulated vide Memo No.A.60011/140/16-EC/EO(P)/17 Dt. 12<sup>th</sup> January, 2017. Minute of the 4<sup>th</sup> DOCC Meeting was reviewed and agreed as follows :

**1. Roof Top Solar (RTS)**

Er. Laldela Sailo, Chairman, Working Group on Solar Power Generation informed the meeting that report of land availability were received from concerned officials as below and DPR is being prepared :

- i) Sub-Station Control Room Roof top and nearby land – 92528 Sq.m from 53 sub-stations.
  - ii) Government buildings Roof top - 80986 Sq.m from 235 buildings.
- TOTAL - 173514 Sq.m** of available land/roof top which may be utilised for generation of approximate 8.5 MW of Solar power.

Er. Lalbiaksanga, SE(W-II) informed the meeting that installation of 50kWp solar power plant at Kawlphetha roof top was completed and ready for commissioning. The Solar Plant was commissioned successfully by Er. R. Vanlalhraia, Chief Engineer (Distribution) during Lunch break.

It was also discussed that there are many solar power installation in Mizoram in which some of them are under ZEDA and some installation may be from other sources. It was agreed that SE (Works-II) may depute 1 no. each of AE and JE to visit all the existing solar power installation in Mizoram in coordination with ZEDA and submit their status report.

*Action : All concerned*

## **2. Categorization of Power Sub-Station**

Er. Lalhmingliani Hmar, SE(PDM) informed the meeting that a meeting was conducted for finalisation of manpower requirement for shift duty at Sub-Station as per decision of the 4<sup>th</sup> DOCC Meeting and final arrangement may be put up in the next DOCC meeting.

*Action : SE(PDM)*

## **3. AGENDA DISCUSSION**

### **ITEM No. 1 : Release of Annual Report 2014-15**

The Department Annual Report 2014-15 prepared by Er. Lalbiaksanga, SE (Works-II) and edited by Er. N. Ranjit Singh, SE (Civil-II) was released by Er. Liannghinglova, Engineer-in-Chief in the meeting. It was decided that all data/figures in this Annual Report are finalised and shall be used for preparation of estimate, reports, write up and DPRs. Distribution to all offices shall be taken up by SE(Works-II) and preparation of Annual Report 2015-16 may be initiated by SE(PDM).

*Action : SE (PDM, Works-II)*

### **ITEM No. 2 : Power Supply Interruption**

Chairman informed the meeting that there was a request from public regarding frequent power supply interruption on Saturday. It was discussed and agreed that necessary arrangement may be made to keep smaller affected area during shutdown/problems at SubStation and lines. In this regard, initiatives may also be taken for synchronisation/parallel operation of power transformers.

*Action : All concerned*

### **ITEM No. 3 : Serlui 'B' SHP**

Er. N. Ranjit Singh, SE (Civil-II) informed the meeting that Serlui 'B' SHP has an inherited problem with the defective steel liner near the Surge Shaft gate. Expert opinion from Central Water Commission (CWC) was sought by the Department and it was then advised to run the T/G sets (2) numbers continuously so that the reservoir gets depleted to the maximum (upto MDDL if possible) and then dewater the penstock during the driest period of the year, say during mid-April to mid-May.

The Department followed their instructions and tried the method in the last 3-4 years but without success. Somehow or the other, depletion upto a maximum of 64 meters EL could be achieved in the last 4 (four) years, whereas the MDDL is 51 meters EL.

The matter discussed in the meeting and decided that NEEPCO Consultant may be consulted by Chief Engineer (Civil) about his opinion for the next course of action. In the meantime, all concerned officials may take necessary action for dewatering upto the required level and then repair the defective steel liner.

*Action : All concerned*

#### **ITEM No. 4 : Agreement with YMA, Republic Veng regarding Office Building**

YMA, Republic Veng Branch submitted letter No. Nil Dated 14.3.2016 regarding signing of agreement on P&E Department Office building (Revenue Sub-Division-III). It was stated that as per verbal agreement in 1999, this office building was constructed in their land (DLL Misc No. 128 of 2010) and request the department to execute written agreement.

In this regards, EE (Revenue) had discussion with their representatives and Draft Lease Deeds prepared by the organisation was submitted. EE (Revenue) forwarded the Draft Lease Deeds to SE (APC) vide No. D.11028/01/14-EE(RD)/88 Dt. 28.6.2016 stating that they are open for further discussion and negotiation. The same was forwarded by SE (APC) to Chief Engineer (SO) vide No.D.11029/04/15-SE(APC)/81 Dt. 3.8.2016. Chief Engineer (SO) submitted comments to Engineer-in-Chief vide No.T.91011/01/15-CE(SO)/P&E/67 Dt. 8.9.2016 stating that Draft Lease Deeds is purely in the interest of YMA and it is wholly injustice and harmful for P&E Department.

The matter discussed and agreed that Er. C. Lianlunga, SE(APC) may try to find out all relevant documents like year of construction, floor area, expenditure, agreement, etc. and Er. Vulmawia, SE (Civil-I) may find out government approved building rental charge for hiring of private building for office. The matter may be discussed in the next DOCC meeting.

*Action : SE (APC, Civil-I)*

#### **ITEM No. 5 : Unelectrified Villages under Bungtlang 'S' Power Sub-Division**

Er. H. Zoliana, SE (LPC) informed the meeting that 56 villages out of 98 villages under Bungtlang 'S' Power Sub-Division cannot get power supply eventhough infrastructures are created under RGGVY and state schemes. This is mainly due to non-function of 11kV feeders and damage of Distribution Transformers. The condition arises due to manpower shortage in the erstwhile Lawngtlai Power Sub-Division. Survey had been conducted and rough estimate for restoration of power supply to these villages amounting to Rs. 32.00 lakhs was prepared and submitted by SE (LPC). The matter discussed and agreed their fund requirement and SE(PDM) shall take necessary action. It was also decided that O&M of power

supply system and related matters may be outsourced considering shortage of manpower in this area.

*Action : SE (LPC, PDM)*

**ITEM No. 6 : Closure of RGGVY works**

Er. Vanlalhlana, SE (W-I) informed the meeting that RGGVY works for 10<sup>th</sup> and 11<sup>th</sup> Plan for 8 districts of Mizoram has been awarded to M/s Satnam Global Infrastructures Ltd., Delhi and M/s T&T Projects Ltd., Guwahati as a Joint Venture Partner. Programme Closure proposal has been submitted to Rural Electification Corporation Ltd. (REC Ltd.) for all the 8 districts. Meanwhile, the contractors claimed extra works executed for Reconstruction & re-routing of HT/LT lines, Jungle clearance for 33kV, 11kV & DTR, Foundation of 33kV tower, Land development charges, 11kV link lines, etc. which have been approved by REC Ltd. on conditions that –

1. Supporting documents for extra works has to be submitted.
2. The cost of extra works needs to be certified by independent Chartered Accountant.
3. Work order/LoA for the extra works has to be submitted.

Field officers have been requested to give report on the correctness of the extra works claimed by the contractors. Reports have been received from the field officers and some of the reports do not tally exactly as claimed by the contractors. It was discussed in the meeting that as desired by REC Ltd., LoA may be prepared for the extra works as approved by REC Ltd.

*Action : SE(Works-I)*

**ITEM No. 7 : Banking of power and to handle trading of power**

M/s Mittal Processors Pvt. Ltd., New Delhi (MPPL) submitted their offer for banking of power and to handle trading of power from Mizoram. It was discussed and agreed that the proposal may be further analyzed by Commercial Branch and all members are requested to aware the possibility of trading the excess renewable energy generated over Renewable Purchase Obligation (RPO).

*Action : All concerned officials*

**ITEM No. 8 : Utilisation of 66kV line (dead) from Sentlang 33kV S/S and Durtlang 33kV S/S**

Er. R. Lalthakima, SE (PC-I) informed the meeting that 66kV line (charging at 33kV level) between Lungdai (Sentlang) Sub-Station and Zuangtui Sub-Station which was constructed in about 1972-73 was kept dead for the last 10 years. As a result some conductors were stolen by unknown miscreants/damaged. In order to avoid theft and to utilize this dead line, the following points were suggested :

1. The dead line of 66kV between Durtlang and Sentlang sub-stations may be repaired for making inter-connecting line.
2. 66kV line between Zuangtui and Durtlang sub-stations may be dismantled and the salvage materials may be utilised for repair of line between Durtlang and Sentlang sub-stations.
3. 33kV line at Durtlang Sub-Station may be made LILO or through panel.

The matter discussed in the meeting and agreed in principle. Estimate may be prepared from the concerned officials for further necessary action.

*Action : SE (APC, PC-I)*

#### **ITEM No. 9 : Extension of Control Room at Luangmual Sub-Station**

Er. Lalhmingliani Hmar, SE(PDM) informed the meeting that CE(SO) submitted an estimate for '**Extension of Control Room at Luangmual Sub-Station**' for Rs. 5.87 lakhs in line with the decision of the 3<sup>rd</sup> DOCC Meeting Item No. 5 (ii). While going through the estimate, the following points were observed –

1. In the estimate submitted, it is mentioned that transformation capacity will be enhanced by additional installation of 3.5 MVA Transformer. However, rates for 3.5 MVA, 33/11kV Transformer and Control Panel were not included nor mentioned from where it will be acquired.
2. Recently, it is decided to augment 33kV level transformation capacity within Aizawl by procuring 5 nos. 10 MVA, 33/11kV and 1 no. 6.3 MVA 33/11kV Transformers. With the installation of new transformer, Luangmual 33kV Sub-Station will be having 2x6.3 MVA transformation capacity. Presently, Luangmual 33kV S/S has a transformation capacity of 1x6.3 MVA and 1x2.5 MVA.
3. With the arrangement mentioned in Sl. No. 2, it does not seem necessary to extend the Control Room of Luangmual Sub-Station.

Er. C. Lianlunga, SE(APC) clarified the matter that 6.3 MVA 33/11kV transformer was recently taken back from IGC, Luangmual as per decision of the meeting between officials of P&E Department, Industry Department and stakeholders. At present, there were 12 nos. of 11kV Feeders from Luangmual Sub-Station which were fed through 6 nos. of Control & Relay Panels. In order to housed Remote Terminal Unit (RTU) from SLDC, installation of more Control & Relay Panels for 11kV feeders, 132kV feeders for Sihhmui bay, etc., extension of control room at Luangmual Sub-Station is required. The meeting accepted his clarification and requested all members to write clear history and background in the report portion of estimate in future.

*Action : All concerned officials*

#### **ITEM No. 10 : Bifurcation of 33kV line under Aizawl Power Circle**

Er. C. Lianlunga, SE(APC) informed the meeting about the requirement of 33kV line bifurcation under Aizawl Power Circle as below :

1. Construction of 33kV (D/C) line from 132kV Sihhmui Sub-Station to Junction Point of 33kV ISPAT line near Sihhmui Sub-Station so as to bifurcate the said 33kV line for feeding 33kV Sairang Sub-Station and 33kV ISPAT Sub-Station.
2. Construction of 132kV (D/C) line from 132kV Sihhmui Sub-Station to Junction Point of 132kV W. Phaileng line at Lengpui to bifurcate for feeding 132kV Sub-Station Zuangtui and 33kV Sub-Station W. Phaileng.

The matter discussed and agreed in principle. SE(APC) may start survey for further course of action.

*Action : SE (APC)*

**ITEM No. 11 : Dismantling of 11kV line between Hmawngkawn and Chawilung**

Er. F. Lalrinpuia, SE(Transmission) informed the meeting that 11kV line between Hmawngkawn and Chawilung is kept dead and needs to be dismantled as Chawilung is already fed from Lamchhip. The meeting discussed and accepted the proposal.

*Action : SE (Transmission Circle)*

**ITEM No. 12 : Inclusion of all SE in the DOCC member**

The meeting discussed and agreed that Chief Electrical Inspector and SE (Planning) in the office of the Chief Engineers (System Operation & Distribution) shall be included as member of the DOCC and they shall be included from the next meeting.

*Action : EO to E-in-C*

**The meeting ended with thanks to the chair.**



(LIANNGHINGLOVA PACHUAU)  
Chairman & Engineer-in-Chief, P&E Deptt.