

Special Meeting with CEB on November 29, 2018

## **Agenda for the meeting**

### **Inventory progress**

Presently only one Gang or group is working in the field to collect data for the inventory. Data collection is carried out using a format which is manually filled by the gang members. According to Eng. Krishantha 37 percent of the transformers in the transmission section and 31 percent of the transformers in the generation section were inventoried.

Presently, 40 transformers were isolated as PCB positive and suggested to send 10 transformers out of 40 to the ITI for further testing and relatability of analysis was cross checked.

Overall inventorying progress about one percent. Further to that Eng. Krishantha elaborated the difficulties they faced due to lack of the software and gangs. Present data collection process is carried out at the rate of 100 per month and it will take another two years to complete with this process. Therefore, CEB agreed to explore the possibility of increasing the number of gangs for data collection. Further the process will expedite once the O/L exam is finished and rain get seized.

In order to expedite the software development work, Eng. Ayesmantha suggested to handover the software development to the IT branch of the CEB and it was second by Eng. Krishantha and the Chairman. It was decided to have another meeting with the IT division of the CEB on December 7, 2018 at about 10.00 am at the CEB head office.

Eng. Irosh and Eng. Sanath were given the responsibility of manual editing. Contact number - 0715212334

### **Problems related to sample analyzer**

They have identified problems in the probe of the sample analyzer and two solutions were proposed. First one is to do a self-test and the second one is to clean the tip of the probe with the provided solution. They were able to run the self-test and got positive results. But accuracy was not up to the standard. They are planning to conduct the tip cleaning process during the next week.

It was suggested to get several probes for future use and Eng. Daulugala was asked to communicate with the Dr. Carlo for the future communications. Mr. Mahinda mentioned that UNIDO agreed to procure analyzer. However Mr. Krishantha stressed the importance of comparing several probes along with the analyzer to expedite process of the testing.

### **Labeling of PCB positive transformers**

It is suggested to use a red colored dye spray to label PCB contaminated transformers on the back side. It is suggested to seek ITI test reports for samples positive for PCB in the range of 40 to 60 ppm. Bellow or above PCB values in a sample could be easily categorized to contaminated or not contaminated.

Kuliyapitiya – Call Engineer

### **Development of storage facilities**

Mr. Mahinda Werahera mentioned that report that should be submitted by the Holsim has not submitted yet. Further to that he highlighted the need of starting gradual disposal of chemicals used in the CEB's laboratories and obsolete stock of PCB at stores.

Mr. Mahinda Werahera suggested to seek guidelines from the CEA for selecting, constructing and transporting PCB positive equipment and oils and asked CEB to find a suitable land to develop the storage facility. Mr. Mahinda mentioned the availability of direct funding for the work. Eng. Krishantha mentioned about the land availability in Kalladi.

Chairman Mr. Jayantha highlighted the availability of dichlorination machine and its cost of operation. According to him, cost of dechlorinate one liter containing 50 ppm is around 6.25 USD and 500 ppm need 8.68 USD per liter. Total cost of the machine is around 5 to 10 million USD depending on the required specifications.

Mr. Mahinda Werahera suggested to have a cost benefit analysis to decide whether to use Holsim facility to dispose or to use dichlorination facility.

CEB appointed two Engineers namely Eng. Thusitha contact number – 0717305502 and Eng. Nandana contact number - 0710937162 to follow up the cost benefit analysis.

Mr. Mahinda Werahera has mentioned that disposal will be handled by the UNIDO as the direct component of the PCB project.

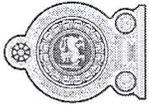
Chairman Eng. Jayantha suggested to find an area to develop as the storage facility. Further to that he has mentioned about the need of prior approval from the CEB for any PCB disposal. It was decided to dispose PCB positive transformers which are not operating while stopping cross contamination.

Further to that one engineer mentioned about the need of immediate disposal of tested oil samples and Mr. Mahinda agreed to discuss the matter with the Holsim factory for this purpose.

#### **Bulk supply transformers**

It was decided to prepare a database for keeping records about bulk transformers. Mr. Krishantha was promised to send list of bulk supply transformer owners.

It was suggested to develop a brochure highlighting the benefits of registering the bulk supply transformers in the database. It was decided to send the brochure with a covering letter through Central Environment Authority.



Project on Environmentally sound management and disposal of PCBs wastes and PCB contaminated equipment in Sri Lanka

Project Progress Meeting- November 2018

Date: Nov 29, 2018

Time: 2.00 to 4.00 pm

Venue: CEB

No.	Mr./Mrs.	Name	Organization	Designation	Contact Details	Signature
		G. A. Jayantha	CEB	AEM (AM)	071-6860781	
		S. M. Werabon	NMDE	DD (EP) (CM)	0718823096	
		S. D. K. Hemarathna	CEB	CE (AMTB)	0715685250	
		W. L. S. K. Wijetunga	CEB	CE (SCM) PPL PHM	0715212334	
		A. D. S. Pissanayake	CEB	CE (SCM) DD4 PHM	0714301245	
		R. G. A. I. Shyamal	CEB	CE (SCM) DD3 PHM	0716862757	

Mr./Mrs.	Name	Organization	Designation	Contact Details	Signature
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	J.L.R. Sisira Kumara	CEB	IE (DB) WPA	0714066310	
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	M.P.M. Fernando	CEB	EE (Tr. AMCCM)	0717478702	
	A.D. De Silva.	CEB	EE (DM) Ampara	0719387070	
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