

Attachment 4

Activities : April, 2007 – October, 2007



Photo 1: Meeting with ESCOM (Assistance for power sector basic study of JICA)



Photo 2: Technical transfer on installation and operation of a data logger



Photo 3: Technical transfer on measurement by GPS at an electrified TC



Photo 4: A wind and PV hybrid system
(Main energy source is from PV because of no wind)



Photo 5: A wind irrigation system by UNDP
(No functioning due to no wind)



Photo 6: Socio-economic survey at an un-electrified TC



Photo 7: Socio-economic survey at an electrified TC



Photo 8: Practice on computation for micro-hydro potential



Photo 9: Brainstorming

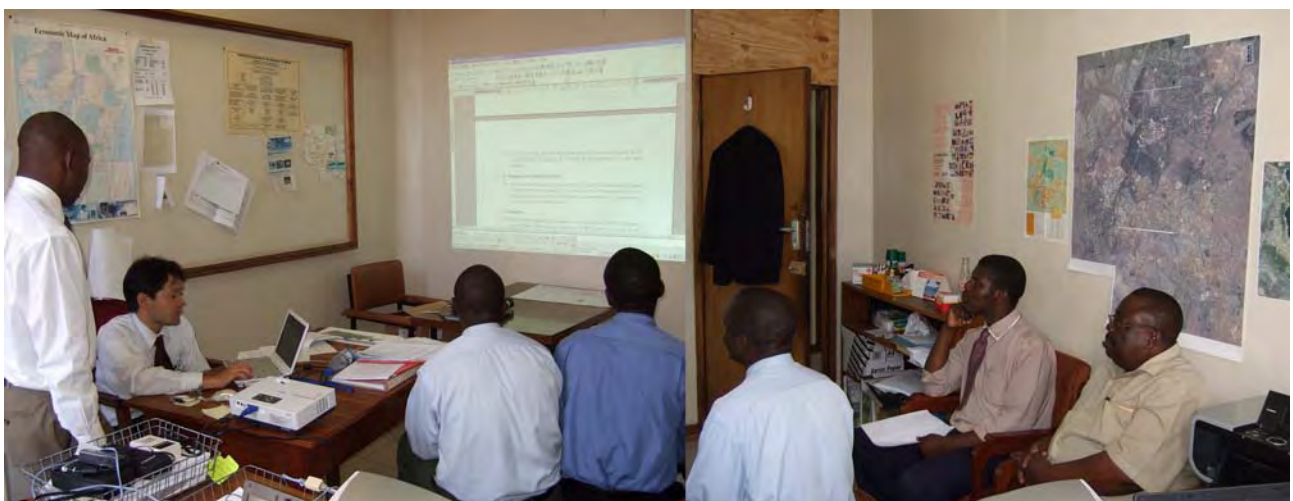


Photo 10: A methodology (exchanging opinions and sharing conceptions among C/Ps) was introduced

Activities : November, 2007 – February, 2008



Photo 1: Second JCC



Photo 2: Second JCC



Photo 3: Sharing MAREP experience with
Zambian officers



Photo 4: Sharing MAREP experience with
Zambian officers



Photo 5: Site visit for Zambian officers
(Dickson, Phase 4 site)



Photo 6: Site visit for Zambian officers
(Dickson, PV school system by EU)



Photo 7: Assistance to TCRET training course



Photo 8: DOE staff is teaching participants at TCRET training course



Photo 9: Distribution advisor is confirming inspection procedure of ESCOM



Photo 10: Distribution advisor is confirming inspection procedure of ESCOM



Photo 11: Inspecting ESCOM Warehouse for the storage of MAREP Phase 5 materials



Photo 12: Village Survey

Activities : May, 2008 – October, 2008



Photo 1 Preparing Challenge Sheet



Photo 2 Preparing Challenge Sheet



Photo 3 Inspection by ESCOM



Photo 4 Measurement of earth resistance by DOE



Photo 5 Solar village (Wind & PV)
Wind towers are located in front of PV array that cause shade during daytime.



Photo 6 On site lecture to DOE and ESCOM participants.



Photo 7 Inspection of PV array



Photo 8 Measurement of water flow.



Photo 9 Measurement of water flow using flow meter.



Photo 10 MAREP Phase 5 monthly management meeting.



Photo 11 C/P training at Tsukuba Solar Center.



Photo 12 C/P training at Kita Customers Service Center of CEPCO.

Activities : November, 2008 – February, 2009



Photo 1 3rd JCC Meeting



Photo 2 3rd JCC Meeting



Photo 3 Practice of GPS



Photo 4 B/D using GPS (new method)



Photo 5 B/D using wheel measure (conventional method)



Photo 6 Construction at Makanjira



Photo 7 Construction at Makanjira



Photo 8 MAREP progress meeting



Photo 9 Lecture of distribution technology



Photo 10 Lecture of distribution technology



Photo 11 Practice of distribution equipment



Photo 12 Site visit for PV irrigation system

Activities : June, 2009 – October, 2009



Photo 1 Preparation of equipment to measure actual load of the TC.



Photo 2 Installing data logger at the transformer



Photo 3 Checking connection of the transformer



Photo 4 Final connection of data logger to the transformer



Photo 5 Follow-up training for trainers



Photo 6 Practice of lecture at follow-up training for trainers



Photo 7 Practice of lecture at follow-up training for trainers



Photo 8 Hands-on practice at follow-up training for trainers



Photo 9 Lecture by trained trainer at Basic Course



Photo 10 Hands-on practice at Basic Course



Photo 11 Final Assessment to evaluate the level of understanding



Photo 12 Group photo