

Energy Harvesting, Storage and Management for Automated Environment Monitoring in the East African Region

PROGRESS REPORT – August

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August in brief

- Administrative Progress on admission was slow – Dean travelled with the minutes!
- All set for AFRICON conference
- Gateway 3G modules non-responsive. Tried 2G but slow (WIMEA)
- Running LIC discharge experiment again
 - Discovered a fault in the measurement set-up that was giving a false “discovery”
- Started on 2 papers on this objective

August in brief

- Obj 3:
- MSc student quick start complete
- No experimental progress yet but MSc student now has supervisors

September Plans

- Submit 1 paper
 - Self-discharge of Lithium Ion Supercapacitors in high temperature environments” TARGET: IEEE Transactions on Industrial Electronics
 - An Assessment of the Suitability of Various Battery Technologies for Automatic Weather Station Deployments in the East African Region – ICIT 2018 (Feb, France) or ICITM 2018 (March, UK)
- Set up solar panel test bed for Objective 3 and start

END