Peter Dauenhauer
Electronic And Electrical Engineering

**Qualifications**
Master of Economics, University of Amsterdam
Bachelor of Arts, University of Washington

**Research output**

**Sustainability of solar PV energy kiosks for off-grid energy access: Malawi case study**

**Sustainability evaluation of community-based, solar photovoltaic projects in Malawi**

**Experiences from deploying solar PV energy businesses in rural Malawi**

**Improving shoestring surveys for off-grid humanitarian power projects: kilowatts for humanity and KoboCollect**

**Accuracy of energy-use surveys in predicting rural mini-grid user consumption**

**Analyzing sub-optimal rural microgrids and methods for improving the system capacity and demand factors: filibaba microgrid case study examined**

**Electricity access options appraisal in Malawi: Dedza district case study**

**Sustainability of Solar PV Systems in Malawi**

**Small scale rollout of PV systems in Chikwawa District, Malawi: remote monitoring system effectiveness**

**Sustainability analysis off-grid community solar PV projects in Malawi**

**SOGERV Market Assessment**

**Effects of load estimation error on small-scale off-grid photovoltaic system design, cost and reliability**
Critical review of the Malawi community energy model

Issues and applications of real-time data from off-grid electrical systems

Mzimba Wind Farm - Energy Yield Assessment

Sustainability of Solar PV Institutions in Malawi

MREAP - End of Project Report, June 2015
Dauenhauer, P. & Bell, G., Jun 2015, Glasgow: University of Strathclyde. 9 p. (MREAP Technical Reports)

Programme Impact Overview: [Malawi Renewable Energy Acceleration Programme (MREAP)]

Technical sustainability of solar PV institutions: results from a field survey of 43 sites in Malawi

Process Evaluation of Community Energy Development Programme Projects

Remote Monitoring System Effectiveness: Small Scale Rollout of PV Systems in Chikhwawa District, Malawi

System usage trends for off-grid renewable energy users in developing communities

Multi-function DC protection scheme for an LVDC smart last mile distribution network

Eternal light: ingredients for sustainable off-grid energy development

Remote monitoring of off-grid renewable energy case studies in rural Malawi, Zambia, and Gambia

An integrated approach to energy for development: case study of the Malawi Renewable Energy Acceleration Programme

Evaluation of Off-grid Community Managed Renewable Energy Projects in Malawi: Dedicated Study
Affordable energy solutions for developing communities

Opportunities and challenges for micro wind turbines in developing communities

Activities
2018 IEEE PES General Meeting
Peter Dauenhauer (Member of programme committee)
2018

2016 IEEE PES PowerAfrica Conference
Peter Dauenhauer (Speaker)
2016

Kigali Smart Villages Workshop
Peter Dauenhauer (Invited speaker)
8 Sep 2015

2015 Malawi Renewable Energy Symposium
Peter Dauenhauer (Speaker)
19 Aug 2015

IEEE Power and Energy Society General Meeting
Peter Dauenhauer (Speaker)
27 Jul 2015

4th Symposium Small PV-Applications
Peter Dauenhauer (Speaker)
2015

IEEE Power & Energy Society (External organisation)
Peter Dauenhauer (Chair)
Jul 2013 → …

2013 IEEE Power and Energy Society (PES) General Meeting
Peter Dauenhauer (Member of programme committee)
2013

2013 IEEE Power and Energy Society (PES) General Meeting
Peter Dauenhauer (Organiser)
Jul 2012

2012 IEEE Global Humanitarian Technology Conference
Peter Dauenhauer (Participant)
2012

IEEE PES Smart Village (IEEESV) (External organisation)
Peter Dauenhauer (Member)
Oct 2011 → …