

## EUREC 2015/16 MSc Thesis Projects

First Name	Family Name	Nationality	MSc-Project Title	Host Institution
Awadelrahman	Ali	Sudanese	Optimal Control of Smart Energy Buildings	DTU (Technical University of Denmark), Roskilde, Denmark
Amit	Chauhan	Indian	Development of Black start Procedure and Islanding Operation of a Microgrid	Fraunhofer IWES, Kassel
Eseoghene	Hobson	Nigerian	Mapping & assessment of existing clean energy mini-grid experiences in West Africa	ECOWAS Centre for Renewable Energy and Energy Efficiency, ECREEE, Cape Verde
Uma	Manickam	Indian	Agent based Smart Grid approach for increasing Renewable Energy Source (RES) penetration and hosting capacity in distribution grid.	EWENetz GmbH, Oldenburg
Babak	Pour Ravanbakhsh	American	Comparison of different approaches of house hold load profile generation	Next Energy Institute, Oldenburg
Javier	Laitano	Costa Rican	Network and Communications Infrastructure for Wave Energy Farms	Corpower Ocean AB, Stockholm, Sweden
Udayan	Banik	Indian	Glass-Glass Amorphous Silicon Mini Module Development and Long Term Stability Tests.	Next Energy Institute, Oldenburg
Rishabh	Ghotge	Indian	Estimation of Building Integrated Photovoltaic Yields and Energy Use for the Solar Charging of Electric Bicycles	Solar Energy Application Centre (SEAC), Eindhoven, Netherlands
Sofia	Melo Pinheiro	Brazilian	Economic Analysis of Stationary Storages Considering Future Developments	Next Energy Institute, Oldenburg
Cristian	Sanchez Perez	Spanish	Optimized heat pump management for increasing photovoltaic penetration into the electrical grid	PV-LAB, IMT, Ecole polytechnique fédérale de Lausanne (EPFL), Neuchâtel, Switzerland
Paula	Santos Ortiz	Spanish	Study of Lead-Free Hybrid Perovskite Materials for Solar Cell Implementation	AIT Austrian Institute of Technology, Vienne, Austria
Aparna	Joshi	Indian	Design of Air Heater for small scale and high temperature industrial applications	ITA GmbH, Leonberg
Ledio	Kosta	Albanian	Design of an energy assessment toolbox for solar energy systems implementation in facilities of medium power range based on different technologies	Industrial-Solar GmbH, Freiburg
Davrell	Bhola	Grenadian	The Effect of the frame of reference of the averaged wake profiles measured with LiDAR	Forwind Institute, Oldenburg