

Kyle Angus Smith

Renewable Energy Engineer, MEng, CEng, MIET

Address

Cuagach
Argyll Road
Fort William
PH33 6LF
UK

Contact

+44(0)785 235 9210
kyle.angus.smith
@gmail.com

Other Projects

D.R. Congo Energy
Access Survey

Bangladesh Solar
Home System PV
Panel Manufacturing

Carbon Neutral
Atlantic Row
(www.carbonzero.org)

Certifications

UK Chartered
Engineer

US Engineer in
Training

Member IET
Member IEEE

Software

MS: Excel, Word,
Power Point, Project

Matlab

LaTex

HTML/CSS/PHP/SQL

Nationality

British
American

Languages

English (ILR 5)
French (ILR 1)
Portuguese (ILR 2)

Overview

Experienced engineer and project manager with a background in delivering mechanical and electrical engineering solutions for the development and operation of renewable energy projects in the UK and internationally.

Experience

- Since 2013 **Energy Mutual Ltd.** Director, Project Engineer
- Project manager for UK's remotest hydro dam upgrade project.
- General operations management for community owned islanded microgrid.
- Demand side management design and implementation.
- Wind energy feasibility studies.
- Battery Energy Storage System market studies.
- 2011-2013 **Vestas Wind Systems A/S** International Management Programme
- Service & operations business development for Northern Europe.
- Responsible for multi-million euro, international warranty claim cases.
- Delivery of improvement projects for construction management office.
- 2010-2011 **Flexitricity Ltd.** Part-time Commercial Analyst
- Preparation of Short Term Operating Reserve bids for National Grid (NG).
- Data collection and analysis of prior NG market auctions.
- Preparation of client power generation accounts.
- 2010-2010 **Aquamarine Power Ltd.** MEng Internship
- Conducted a global market assessment of wave energy sites.
- Led the development of a commercial tidal energy feasibility study.
- Supported R&D funding applications in both the UK and US.

Education

- Since 2014 **Ph.D. Future Power Networks & Smart Grids**
University of Strathclyde & Imperial College London
Thesis: *The Use of Low Voltage Direct Current Distribution Systems for Flexible Battery Electric Vehicle Charging Infrastructure*
- 2006-2011 **MEng Mechanical Engineering with Renewable Energy**
University of Edinburgh
Dissertation: *Linear to Rotary Power Take Off Systems for Wave Energy Converters*

Selected Publications

- Overview paper on: low voltage direct current (LVDC) distribution system standards.**
Mar 3, 2017, International Journal of Power Electronics.
- Feasibility of D.C. street lighting & integrated electric vehicle charging points, 6th Hybrid and Electric Vehicles Conference (HEVC 2016), London, 2016.**
- The Danish Wind Industry 1980-2000: Lessons for the British Wave Industry** Jul 11, 2011, *Journal of Science and Underwater Technology.*