Chris Roberts

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Argyll, Scotland



- Acknowledged UK expert in renewable energy systems including solar (thermal and PV), heat pumps and battery storage systems.
- Member and/or Chair of numerous standards committees (see below)
- Contributing author to several publications on Low carbon clean energy systems.
- Frequent public speaker & high achiever.
- Connected widely and at high level throughout the renewables industry.
- Self-starter MD of own business with strategic vision.
- Proven leadership, delegation, and business management skills.
- Strong communications skills both written and verbal, to individuals or groups.
- The ability to communicate complex concepts in a simple and easily understood manner.
- A high degree of self-motivation, a team player, honesty, loyalty, integrity and reliability.
- Strong understanding of and ease of adapting to changes in, the business world.

The combination of my renewable energy technical expertise, profile in the renewable energy industry, links with key actors (Government departments, trade associations and professional organisations), business experience, communication skills and career experience make me ideally placed to provide technical and strategic consultancy at a high level to any business or department involved in the low carbon sector.

Some Expert witness clients:

- Serious Fraud Office
- Barclays Personal Finance
- Shawbrook Bank
- Trading Standards Scotland
- Morgan Sindall
- Shakespeare Martineau LLP
- Capital Law Limited
- Evershed Sutherland (International) LLP

CAREER HISTORY – COMMITTEE MEMBERSHIP	
BSI Committee (Member)	PAS63100 Electrical Installations – Protection against fire of battery energy storage systems
IET Committee (Member)	Code of Practice - Grid Connected Solar PV Systems
IET Committee (Member)	Code of Practice – Electrical Energy Storage Systems
IET Committee (Member)	Guide to Prosumer Electrical Installations
MCS Technical Working Group – PV (Member and past Chair)	MIS3002 – The Solar PV Standard (Installation) MCS005 – The Solar PV Standard (Product)
MCS Technical Working Group – BESS (Chair)	MIS3012 – Electrical Energy (Battery) Storage Systems (Installation)
MCS Technical Working Group – Small Wind (Chair)	MIS3003 – The Small Wind Standard (Installation) MCS006 – The Small Wind Standard (Product)
MCS Technical Working Group – Heat Pumps (Member and past Chair)	MIS3005-D – The Heat Pump Standard (Design) MIS3005-I – The Heat Pump Standard (Installation) MCS007 – The Heat Pump Standard (Product)

CAREER HISTORY - EMPLOYMENT	
February 2017 – Present **Director**	**Chris Roberts Clean Energy Consulting Ltd** • Expert witness services • Technical consultant & client engineer

March 2017 – February 2022 **Director**	**Rock Clean Energy Ltd** • Developer of large-scale battery storage systems for the Commercial & Industrial sectors • Working with Tesla energy to deliver PowerPacks and MegaPacks
December 2017 – May 2021 **Non-Executive Director**	**MCS Service Company Ltd** • Mainly operational function as well as Board level role • Managed development of the business plan and initial strategy
September 2011 – February 2017 **Managing Director**	**Poweri Services Ltd** • Created and launched own company contracting for domestic and commercial Solar Photovoltaic systems • Turnover currently ~£1million • Responsible for all elements of running a small and growing business.
August 2009 – September 2014 **Technical Director**	**Mark Group Ltd, Leicester** • Responsible for strategic direction and proposition for the growing market • Assisted with numerous commercial negotiations including the contract to build one of the largest rooftop solar PV systems (6MW and £5.5M contract) • Managing a team of 70 staff across three teams: customer services/admin, technical design and surveying, reporting into the Board. • Responsible for the technical quality and pricing of both domestic and non-domestic system designs for (Solar Heating, Solar PV, Heat Pumps and small scale wind). • Involved in client commercial negotiations and presentations in support of sales via internal and external sales channels
June 2002 – July 2009 **Associate Director**	**Building Research Establishment (BRE), Watford** • Scheme manager of Clear Skies, the £13.25m renewable energy grant scheme funded by the then Department of Trade and Industry. Responsibilities include the overall strategic, financial and technical management of this major UK programme to encourage the wider uptake of small-scale renewable energy systems. • Lead member of the BRE management team for the development of the Microgeneration Certification Scheme for the Department of Energy and Climate Change (DECC). • Providing technical and strategic advice regarding small-scale renewable energy systems (often referred to as Microgeneration) to Government through various roles. • Co-authored various publications on renewable energy and energy efficiency. • BRE's lead person in the area of renewable energy including development of research, training, testing and consultancy services.

OTHER

Driving Licence:	Full, Clean
Education:	1977 – 1984, 2000-2001
Academic Qualifications:	6 'O'-Levels, 2 'AO' Levels, 1 'A' Level, MSc Arch.
Hobbies and Interests:	Sea Kayaking, paddle boarding, sailing, cycling, music, cinema and theatre, family and friends.
Referees:	Available on Request