# Dr Temitayo Oderinwale, PhD, CEng

UNIVERSITY OF EDINBURGH ALUMNUS • STRATEGIC INVESTMENT • REGULATION & RESEARCH

United Kingdom | MSc, University of Edinburgh (2015)

## PROFILE

Chartered Engineer and senior energy-sector policy and advisory professional with more than a decade of experience across regulation, consultancy and academic research. I have led multidisciplinary programmes, evaluated long-term investments and worked with public bodies, universities and international partners to turn complex evidence into practical recommendations. As an Edinburgh graduate, I would bring independent judgement, constructive challenge and a commitment to representing the wider General Council.

## WHAT I WOULD BRING TO THE BUSINESS COMMITTEE

- **Sound strategic judgement.** Experience evaluating major investments, value for money, uncertainty and long-term consequences—not simply the immediate technical case.
- **An understanding of university research.** Firsthand experience of grant-funded collaboration, research delivery, teaching, mentoring and working across academic disciplines.
- **An independent, collaborative voice.** Ability to make complex evidence understandable, listen to different perspectives and challenge proposals constructively.
- **A sustainability perspective.** Insight into decarbonisation, infrastructure resilience and the long-term choices facing large institutions.

## PROFESSIONAL EXPERIENCE

**Senior Policy Manager – Electricity Network Charging & Strategic Investment** | Ofgem

August 2026 – Present

- Contribute to policy analysis concerning electricity network charging, investment incentives and regulatory decisions in the public interest.
- Evaluate evidence, policy trade-offs and potential impacts, helping develop clear and defensible advice for decision-makers.

**Senior Energy Consultant & Analytics Team Lead** | Mott MacDonald

August 2023 – April 2026

- Led multidisciplinary teams delivering infrastructure investment, strategic energy-planning and resilience studies for public authorities, investors and international finance institutions.
- Assessed long-term energy and storage investments, including work in Barbados and Kosovo, using scenario analysis to examine commercial viability, risk and competing priorities.
- Set workstream priorities, reviewed analytical quality and communicated findings in accessible terms to senior clients and other stakeholders.

**Postdoctoral Research Lead / Work Package Leader** | University of Glasgow

December 2020 – August 2023

- Led techno-economic research within SOLSPACE, a €2.5 million EU-funded collaboration involving international academic and industry partners.
- Coordinated research delivery, developed investment and market scenarios, documented risks and assumptions, and contributed to peer-reviewed outputs and public engagement.

## EARLIER ACADEMIC AND RESEARCH EXPERIENCE

**Energy Systems Expert / Postdoctoral Researcher** | Imperial College London

December 2019 – August 2020

- Contributed to the £7 million EPSRC-funded IDLES programme, examining how electricity, gas, hydrogen and flexibility interact in a low-carbon energy system.
- Developed evidence to support discussion of long-term planning, system resilience and implications for decarbonisation policy.

**Doctoral Researcher & Graduate Tutor** | Imperial College London

November 2015 – November 2019

- Researched electricity markets and energy-system optimisation; supported university teaching, postgraduate research and communication of findings to academic and policy audiences.

**Associate Lecturer** | The Polytechnic, Ibadan

2012 – 2013

- Taught electrical and electronic engineering and supervised undergraduate student projects.

## SELECTED EVIDENCE OF STRATEGIC AND PUBLIC CONTRIBUTION

- **Investment and risk.** Evaluated long-term infrastructure options using transparent assumptions, sensitivity analysis and commercial considerations to support sound investment choices.
- **Collaborative leadership.** Brought together specialists from different disciplines, coordinated priorities, supported colleagues and improved the clarity and quality of shared recommendations.
- **Engagement beyond academia.** Worked with regulatory and public-sector stakeholders, researchers and industry partners to connect technical findings with wider policy and institutional priorities.

## EDUCATION AND PROFESSIONAL QUALIFICATIONS

MSc, Sustainable Energy Systems | University of Edinburgh | 2015

PhD, Electrical & Electronic Engineering | Imperial College London | 2020

BSc, Electronic & Electrical Engineering (First Class) | Obafemi Awolowo University | 2012

Chartered Engineer (CEng) | Engineering Council; Member, Institution of Engineering and Technology (MIET)

Certified Expert in Climate & Renewable Energy Finance | Frankfurt School of Finance & Management | 2018

## RESEARCH, MENTORING AND PUBLIC ENGAGEMENT

Author and contributor to peer-reviewed publications and international conference presentations on electricity markets, energy systems and low-carbon transitions. Peer reviewer for engineering and energy research journals and conferences. Mentor to postgraduate researchers and junior analysts; contributor to public science activities including the University of Glasgow COP26 Research Showcase and Glasgow Science Festival.