



UNIVERSITY of STRATHCLYDE
PNDC



University of
Strathclyde
Glasgow



University of
Strathclyde
Advanced Net Zero
Innovation Centre



Chief Technology Officer

A Rare Opportunity to Shape the
Future of Energy Systems

POWER NETWORKS DEMONSTRATION CENTRE (PNDC)

PROUDLY PART OF



University of
Strathclyde
Glasgow



The Power Networks Demonstration Centre (PNDC) embodies the University of Strathclyde's commitment to industry-facing innovation and national impact.

Through PNDC and the Advanced Net Zero Innovation Centre, we provide a world-class platform where technical excellence accelerates commercial deployment and strengthens the UK's net zero ambitions. This Chief Technology Officer will shape technology roadmaps, drive commercial growth and build global recognition for PNDC as a leader in power networks and wider energy systems.

If you are ready to lead from the front technically, influence nationally and deliver transformation at scale, this CTO role will enable you to deliver your bold ambitions.

Professor Stephen McArthur,
Principal and Vice-Chancellor at the University of Strathclyde



CHIEF TECHNOLOGY OFFICER

Impact your way

- Deep, hands-on technical leadership
- Commercial delivery and revenue responsibility
- Global thought leadership
- Real-world validation at scale
- Direct acceleration of breakthrough technologies from lab to deployment

**Where R&D Excellence
Drives Industry Transformation**





An Exciting Leadership Opportunity

Global Influence

- Shape technology roadmaps
- Engage in technical validation
- Present high-value commercial propositions
- Lead revenue-generating innovation programmes
- Represent PNDC globally

A position with a wide breadth of influence — across industry, academia and national energy strategy.





THE PLATFORM

A Multi-Site Innovation Ecosystem

- Wardpark real-world test & validation centre established in 2013
- Bridging concept to commercial deployment
- Working across power networks, transport, heat & whole systems
- Launched the Advanced Net Zero Innovation Centre (ANZIC) in 2025



WARDPARK

2013



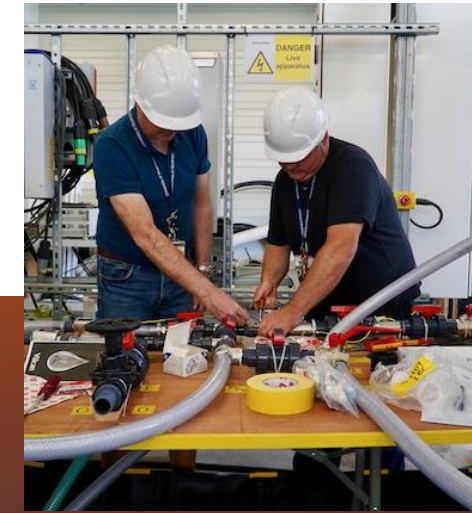
ANZIC

2025



INDUSTRY-DRIVEN WORK

95%





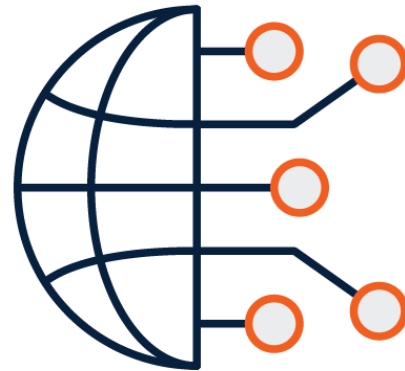
EVOLVING SCOPE OF TECHNICAL LEADERSHIP

Focus Areas

Decarbonisation of Heat



Advancement of Power Networks



Decarbonisation of Transport



YOU WILL LEAD ACROSS THREE CORE
DOMAINS WITH DEEP KNOWLEDGE OF
**ADVANCEMENT OF POWER
NETWORKS**



WHERE STRATEGIC OVERSIGHT MEETS

Technical Authority

You will have:

- Deep power networks experience
- Practical test & validation experience
- Oversight of full-scale testing & simulation
- Direct involvement in industry-leading project design and execution
- Engagement from first partner meeting to project closure

Supporting real-world power network innovation and demonstration at scale.



An impactful senior leadership role defined by real-world impact and outcomes.

TECHNICAL DEPTH WITH

Commercial Delivery

- Work “hand-in-glove” with the commercial team
- Identify emerging industry challenges & opportunities
- Convert relationships into programmes & projects
- Present technical and high-value commercial propositions
- Be directly responsible for revenue generation





A PLATFORM FOR GLOBAL IMPACT

Sector **Shaping**

- Represent PNDC on the global stage
- Engage with a wide range of partners
- Shape energy sector dialogue
- Position PNDC at the forefront of real-world innovation
- You will deliver institutional impact, amplified by your technical credibility and visible thought leadership.

Build and sustain global recognition for PNDC as a leader in energy systems.





OWN AND DELIVER PNDC'S TECHNOLOGY ROADMAPS

Long-Horizon Influence

- Inspired by emerging technologies
- Aligned with national and international Net Zero targets
- Informed by regulatory & policy shifts
- Driven by deep understanding of industrial needs

Shape the Technology Roadmap





PEOPLE ARE AT THE HEART OF PNDC

Lead People. Grow Capability.

- Lead and inspire multidisciplinary technical teams
- Develop engineers and technical leaders of the future
- Identify and close capability gaps
- Shape capital investment decisions and procurement
- Align future capability with market need

Leadership Through Growth

WHY THIS MATTERS

Transformational Impact

This is an opportunity to make a **significant difference** to the UK and to the direction of PNDC itself.

You will influence:

- Grid modernisation
- Decarbonised transport systems
- Heat electrification
- Whole-system integration
- Enabling the Net Zero transition

Delivering and enabling national impact at scale.



WHAT YOU WILL BRING

Engineering Leadership

- Senior leadership experience in power systems
- Practical test & validation expertise
- Industry innovation delivery track record
- Strong DNO/TNO or consultancy exposure in power networks
- Exceptional relationship-building capability
- Commercial acumen alongside engineering depth
- Equally credible in the boardroom and on a global conference stage





A FOUNDATION OF EXCELLENCE

World-Class Ecosystem

University Values

- People-oriented
- Bold
- Innovative
- Collaborative
- Ambitious






READY TO SHAPE THE FUTURE OF ENERGY SYSTEMS?

Lead What Comes Next

For informal enquiries:

[Will Drury](#) 
CEO, PNDC

Formal applications:

We are partnering with Aspen People for the recruitment of this post and all details, including how to apply, can be found in this link: <https://www.aspenpeople.co.uk/uos/> for an informal conversation please contact Katharine Price on 07899 791 508 or Donogh O'Brien on 07795 812 574.

