

Research Fellow (Power Grids)
Nanyang Technological University

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Posted Nov. 28, 2025, set to expire May 6, 2026

Job Title	Research Fellow (Power Grids)
Department	Energy Research Institute @ NTU
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Nov. 28, 2025
Application Deadline	Open untill filled
Position Start Date	Available Immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Electrical and/or Electronics Energy Technology
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Apply By Email

Job Description

Established in 2010, the Energy Research Institute @ NTU (ERI@N) is a pan-university research institute that focuses on systems-level research for tropical megacities. It performs translational research that covers the energy value chain from generation to innovative end-use solutions, motivated by industrialization and deployment. ERI@N has multiple Interdisciplinary Research Programmes which focus on translational Research, Development & Deployment which focus on specific area of the energy value chain, and a number of Living labs and Testbeds which facilitate large scale technology deployment enabling validation and demonstration of real-world applications

We are looking for a Research Fellow to conduct research. The role will focus on power grids.

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Key Responsibilities:

- Conducting research in the area of power grid in the context of decarbonization
- Contributing in writing research proposals
- Writing research reports, deliverables and scientific publications
- Contributing in guiding research students at a Master or doctorate level
- Presenting research advances and outcomes at relevant events
- Coordinating the tackled research work with ERIAN/NTU researchers and other involved institutions
- Organize seminars and contribute to the scientific animation of ERIAN

Job Requirements:

- PhD (for Research Fellow and above equivalent) degree in power systems or related field
- At least 1 years of relevant experiences in power system modelling / technical hands-on experience in power grid dynamics and control
- Familiarity with power grid modelling tools
- Good written and oral communication skills
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Proficiency in numeric, analytical, and control skills

- Competent in team working, good interaction with funding institutions and industry
- Ability to work in autonomy, to respect timelines, to be well organized, to report on a regular basis to the management, to continue to learn
- Leadership Competency:
 - Ability to build rapport and influence stakeholders at all levels
 - Ability to work collaboratively in a fast-paced environment.
 - Ability to establish network of contacts in the region and search for funding at all levels
 - Ability to lead business meetings and seminars.

We regret to inform that only shortlisted candidates will be notified.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore

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