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UNIVERSITY
PERTH WESTERN AUSTRALIA

Post Doctoral Research Fellow

- **Full time, fixed term position until October 2020**
- **Lecturer level B | \$92k-\$109k plus 9.5% superannuation contributions**
- **Salary Packaging opportunities**
- **Ref: 0868D39/201909**

The University's School of Engineering and Information Technology is an innovative faculty and makes significant contributions to many areas of research. Members of the project team are part of Murdoch University's Energy Research and Innovation (MUERI) group and are engaging in research in power system planning and stability, renewable energy based electrification and future electricity networks. The group has access to power system simulation resources (DigSilent Power Factory, MATLAB), monitored renewable energy systems, a sky camera setup for cloud monitoring and extensive renewable energy system component testing facilities.

The Role

The Post-Doctoral Research Fellow will be actively involved in all research activities of the project including a review of Carnarvon's power system and its control, data analysis and statistical assessments, development of simulation models and control strategies, as well as testing, implementing and analysing PV generation and feed-in management control methodologies in Carnarvon. The Post-Doctoral Research Fellow will collaborate with the project team consisting of a Research Assistant and several Engineering academic staff members under the supervision of the Project Leader (Senior Lecturer in Engineering).

For further information about this position, please refer to the Position Description.

Skills and Experience

- A PhD in an area relevant to appointment (Electrical Engineering).
- Demonstrated advanced skills in power system modelling and control, photovoltaic systems technology and solar resource assessment.
- Demonstrated experience with handling and working with large data sets.
- Demonstrated ability to engage in high quality independent research, with an established record of scholarly publications.

Think Murdoch

With strong links to government, business and the community, Murdoch University helps people discover how to make a difference. Our staff and students are committed to high quality education, innovative research, and strong community engagement both locally and internationally.

Prospective staff can expect to enjoy the lively, natural campus and dynamic work environment, as well as a range of benefits and services unique to employment at Murdoch. There's never been a better time to join us.

For more information or to apply

Please visit <http://jobs.murdoch.edu.au/> to view the Guide for Applicants and Position Description. Here you will also find the online form to submit your application. Please note that emailed applications will not be accepted.

Position contact: Professor Parisa Bahri at P.Bahri@murdoch.edu.au

Closing Date: 24 January 2018 (11.59pm)

CLICK TO APPLY