

**INESC TEC | RESEARCHER (AE2024-0538)**  
**INESC TEC**

Direct Link: <https://www.AcademicKeys.com/r?job=250415>

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Posted Dec. 13, 2024, set to expire Apr. 14, 2025

<b>Job Title</b>	INESC TEC   RESEARCHER (AE2024-0538)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Dec. 13, 2024
<b>Application Deadline</b>	Jan. 12, 2025
<b>Position Start Date</b>	Dec. 12, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Energy Technology Electrical and/or Electronics Engineering - Other
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<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Advanced Smart Grid Applications**

**Work description**

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Specification and development of monitoring and automation algorithms for transmission and distribution networks with integrating high shares of distributed energy resources Application integration and testing in HIL laboratory infrastructure

### Academic Qualifications

- Master in electrical and computer engineering; power systems and other related areas

### Minimum profile required

- Experience on the modelling of transmission and distribution networks for steady-state simulation studies.
- Modelling and simulation software (Matlab Simulink, etc.).

### Preference factors

- Solid programming knowledge (python, C).
- Experience in the development of state estimation algorithms.
- Fluency in English (spoken and written).

### Application Period

Since 12 Dec 2024 to 12 Jan 2025

### Centre

Power and Energy Systems

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### Scientific Advisor

[Jorge Correia Pereira](#)

### What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

### Contact Information

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**Contact**

Portugal

**Contact E-mail**    rh@inesctec.pt