

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2025-0145 ( CPES-Geral - CPES ) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Job/position/grant:</b>	RESEARCHER
<b>City:</b>	Porto
<b>Research field:</b>	Main: ENGINEERING Sub: Computer engineering,Electrical engineering

### Job summary:

<b>INESC TEC is accepting applications for 1 RESEARCHER job in the Development of algorithms for simulating electricity grids and electricity markets with high integration of renewable energy</b>	
<b>Scientific Advisor:</b>	Ricardo Jorge Bessa
<b>Duration of the contract:</b>	from 2025-04-22 to 2026-04-21, eventually renewable.
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b>	Development of algorithms for simulating electricity grids and electricity markets with high integration of renewable energy
<b>Project overview:</b>	Development of algorithms for steady-state and dynamic simulation of power systems; Development of algorithms for simulating electricity markets.
<b>Objectives:</b>	

<b>Academic Qualifications:</b>	Electrical and computer engineering.
<b>Minimum profile required:</b>	Advanced knowledge about electric power systems. Advanced knowledge about electricity markets. Advanced Python programming skills.
<b>Preference factors:</b>	Experience in the use of dynamic simulation tools for power systems, e.g. MATLAB simulink, PSSE; Fluency in English and Portuguese (spoken and written).

<b>Funding Entity:</b>	
<b>Type of contract:</b>	fixed-term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-term employment contracts and by INESC TEC norms.	

<b>Selection criteria:</b>	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
<b>Disability Incentive:</b>	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.
<b>Selection Jury:</b>	President of the Jury: Ricardo Jorge Bessa; Member: Manuel Matos; Member: Bernardo Silva; Substitute member: Clara Sofia Gouveia;
<b>Notification of results:</b>	The results of the selection process will be sent to the interested by electronic mail.
<b>Application period:</b>	From 2025-03-20 to 2025-04-02
<b>Application submission:</b>	Electronic form filling in <a href="http://www.inesctec.pt">www.inesctec.pt</a> in the section <a href="#">Work with Us</a>