

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2023-0476 ( ATE - CPES ) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Job/position/grant:</b>	RESEARCHER
<b>City:</b>	INESC TEC
<b>Research field:</b>	Main: ENGINEERING Sub: Electrical engineering

### Job summary:

<b>INESC TEC is accepting applications for 1 RESEARCHER job in the Electricity markets</b>	
<b>Project:</b>	Alliance for Energy Transition
<b>Scientific Advisor:</b>	José Villar
<b>Start Date:</b>	2024-02-01
<b>Location:</b>	INESC TEC

### Job description:

<b>Work Area:</b> Electricity markets
<b>Project overview:</b> -Studies of the evolution of electricity markets and interactions with other sector with high electricity consumption -Business models for distributed energy and self-consumption, and interactions with the wholesale market -Investments in centralized and distributed generation resources -Development of optimization and equilibrium models in GAMS and Python -Production, testing, validation and demonstration of technological solutions. -Writing technical papers and articles for international conferences and journals
<b>Objectives:</b> -Familiarization with pre-existing tools for planning and operation of markets and self-consumption structures -Design of new modules and functionalities to adapt the tools to specific needs -Design of future scenarios for operation and planning and analysis of the results -Integration in existing software systems and innovative digital platforms -Writing reports and papers for international conferences and journals with the new designs and results

<b>Academic Qualifications:</b>	Bacharel or Master electrical and computer engineering or related areas
<b>Minimum profile required:</b>	Formulation and implementation of optimization problems; Electricity markets
<b>Preference factors:</b>	GAMS, Python and APIs programming, fluency in English (written and spoken)

<b>Funding Entity:</b>	ATE funded by IAPMEI with reference 56 Co-financed by Component 5 - Capitalization and Business Innovation, integrated in the Resilience Dimension of the Recovery and Resilience Plan within the scope of the Recovery and Resilience Mechanism (MRR) of the European Union (EU), framed in the Next Generation EU, for the period 2021 - 2026.
<b>Type of contract:</b>	Uncertain term contract The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain 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>Selection Jury:</b>	President of the Jury: José Villar; Member: Ricardo Jorge Bessa; Member: Tiago André Soares;
<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 2023-12-07 to 2024-01-05
<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>