



Person Specification

This form lists the essential and desirable requirements needed in order to do the job.

Applicants will be shortlisted **solely** on the extent to which they meet these requirements.

Job title: Research Assistant (“Pre-Doc”) – Energy and Environmental Economics

Department/Division: Geography and Environment Accountable to: Dr Stephen Jarvis

Competency	Criteria	E/D
Knowledge and Experience	Undergraduate or Master’s degree in Economics or another quantitative discipline, to be completed or close to completion by post start date	E
	Strong academic performance in undergraduate and, where applicable, Master’s coursework	E
	Advanced programming skills in R and/or Python	E
	Willingness and ability to learn unfamiliar tools as needed (e.g., GitHub, APIs, dispatch models)	E
	Experience working with large-scale microdata	D
	Familiarity with econometric techniques, especially panel data methods	E
	Knowledge of or interest in environmental economics, energy markets, energy policy, or related fields	D
	Prior experience working with electricity market datasets and/or grid dispatch modelling	D
Communications	Clear and concise written and verbal communication skills	E
	Ability to present technical material clearly to both academic and non-academic audiences	E
	Experience contributing to policy-facing reports or outputs	D
Investigation, analysis and research	Ability to perform data work with high accuracy and attention to detail	E
	Ability to analyse and interpret patterns or trends in complex data	E
	Ability to think analytically about economic problems and develop empirical strategies	E
	Ability to conduct literature reviews and summarise academic research	E



	Experience completing an independent research project (e.g., dissertation or thesis)	D
Decision Making	Ability to work independently and manage time across multiple research tasks	E
Teamwork and Motivation	Enthusiasm for hands-on research in energy and environmental economics	E
	Interest in pursuing a PhD in economics or a related field	D
	Experience working collaboratively on research or group projects	D

E – Essential: requirements without which the job could not be done.

D – Desirable: requirements that would enable the candidate to perform the job well.