



RENEWABLES FIRST

## Gas Research Analyst

Location: G-8 Markaz, Islamabad

Department: Data Analytics

Type: Full-time

Contract: 1 year

### About Renewables First

Renewables First (RF) is a think tank for energy and the environment. RF's work addresses critical energy and natural resource issues with the aim of making energy and climate transitions fair and inclusive through impactful research, advocacy, and strategic partnerships.

### About the Role

Renewables First is looking for a Gas Research Analyst to join its Data team, supporting the design of data-driven strategies for managed gas phase-down and Pakistan's transition toward electrification. This hands-on role involves both field and desk research and suits someone comfortable working with primary and secondary sources across Pakistan's gas and power sector institutions. The role involves transforming scattered, inconsistent data into clean, structured, analysis-ready datasets, then analyzing them to identify trends, gaps, and actionable findings.

### Key Responsibilities

#### 1. Gas Sector Data Mapping & Infrastructure Design (40%)

- Identify and map natural gas and LNG dependency across sectors (industrial, fertilizer, captive power, residential, commercial, and power generation).
- Work closely with the data engineer to design, develop, and maintain data pipelines that extract, transform, and load data from diverse sources into structured databases, automating processes wherever possible.

#### 2. Electrification pathway development (40%)

- Design pathways for shifting gas demand, particularly captive power and process heat in industry, and residential end-uses onto the grid or distributed renewable generation.
- Work with cross-functional teams to assess the cost and feasibility of gas versus grid/renewable alternatives, ensuring electrification recommendations are practical and actionable.
- Collaborate with domain experts to translate proposed pathways into actionable recommendations, fostering a results-driven, data-informed approach.

#### 3. Policy Engagement & Advocacy (20%)

- Engage with government institutions, partner organizations, industrial bodies/associations, and other relevant interfaces to source relevant datasets and build the policy case for managed gas phase-down and electrification.



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### **Qualifications and Skills**

- Master's or Bachelor's degree in Energy Economics, Energy Policy, Data Analytics, or a related field.
- Strong working knowledge of Pakistan's gas sector institutions.
- Familiarity with demand-side electrification concepts and RLNG/import dependency dynamics.
- Proficiency in data tools (e.g., Excel and ideally SQL or similar) for managing and structuring large datasets.
- Excellent communication skills; comfortable engaging directly with regulators, ministries, senior stakeholders, and international development partners.

### **What We Offer**

- Competitive salary commensurate with experience.
- Opportunities for professional growth and development in the renewable energy and climate action sector.
- A dynamic and collaborative work environment with a team passionate about driving positive change.
- The chance to contribute to Pakistan's energy transition and climate resilience efforts.

### **Application**

If you would like to become part of our dynamic team, apply at your earliest. The last date to apply for this position is 25th September 2026. We process applications on a rolling basis. Female candidates are strongly encouraged to apply.

Please email a letter of motivation, along with your CV in one PDF document and use the following format for the file name, "First name\_Last name\_Job Title" to [hr@renewablesfirst.org](mailto:hr@renewablesfirst.org)