

<b>Salary Band 4T</b>	<b>Senior Technical Advisor: Power Systems and Flexibility under the South African – German Energy Programme (SAGEN)</b>
Reports to:	Component Manager
Duration:	Until 31 December 2029

## BACKGROUND

In recent years South Africa experienced an accelerating transformation of the power sector mainly due to supply challenges from ageing conventional power plants as well as a drive to decentralised renewable energies to meet climate change mitigation targets.

In response to the above challenges and requirements, the South African Government embarked on a comprehensive power sector reform.

The **South African-German Energy Programme (SAGEN)** collaborates with South African partners to manage the power sector reform and the energy transition more broadly. SAGEN is funded by the German government and implemented by the **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)** in cooperation with the **Department of Electricity and Energy (DEE)**, **Eskom**, the **National Transmission Company of South Africa (NTCSA)** and the **South African Local Government Association (SALGA)** under the government-to-government coordination of **National Treasury (NT)**.

SAGEN's support includes the following fields of activity towards the transformation of the South African energy sector:

- Implementation of a Competitive Electricity Market
- Municipal Electricity Supply and Reform
- Power System Planning and Operation, and Grid Expansion
- Flexibilization of the Electricity System

## A. ABOUT THE POSITION

SAGEN is looking to fill a Senior Technical Advisor position to support the implementation of its activities on Flexibilization of the Electricity System and Power System Planning and Operation, and Grid Expansion.

The successful candidate will combine excellent interpersonal skills and technical know-how with a strong track record of project and partner management in a fast-paced and results-orientated environment.

Joining the GIZ-SAGEN team in the Pretoria office, you will:

- Analyse and understand partner needs and objectives in the context of power systems planning, operation and flexibilization with an increasing share of renewable energies and conceptualise and shape the direction of the related activities.
- Assuming responsibility for steering activities under the “Flexibilization of the Electricity System” (Output 4) component and for achieving agreed results and success indicators as well as supporting the implementation of power systems planning, operation and grid expansion (Output 3) activities.
- Act as internal resource person for all technical aspects of the power system and renewable energy grid integration.
- Build and maintain partnerships with key stakeholders, e.g. NTCSA, Eskom Distribution, Eskom Research Testing and Development (RT&D), municipal and private Distribution System Operators, the National Regulator of South Africa (NERSA), the Department of Electricity and Energy (DMRE), the private sector and associations.

## **B. RESPONSIBILITIES AND TASKS**

The Senior Technical Advisor: Power Systems and Flexibility is required to undertake inter alia the following tasks:

- Identify key partner support needs aligned to the scope of Outputs 3 and 4 of the SAGEN Programme and conceptualise activities responding to the identified demands.
- Lead the planning and implementation of all activities under Output 4 (Flexibilization of the Electricity System) in close coordination with the component lead define the component's strategic direction.
- Support the planning and implementation of activities under Output 3 Power System Planning and Operation, and Grid Expansion
- Manage assignments of national and international consultants.
- Ensure delivery and quality of the project activities from planning to implementation to project closure.
- Provide and manage the delivery of technical advice to partners on power system and flexibility, including but not limited to strategic network and system planning, grid connection and operating rules, system stability, ancillary services, cyber security, technological and market-based flexibility options to optimise network utilisation.
- Plan, implement and coordinate activities with other components and projects within the GIZ South Africa Energy Cluster and actively identify interfaces and synergies.
- Contribute to the reporting, monitoring and evaluation of project activities.
- Manage the conceptualization, preparation, implementation and monitoring of events, such as workshops, seminars or study tours.
- Proactively support the cluster management in identifying (future-oriented) topics for the further development of the energy portfolio.
- Implement communication and knowledge management activities, as required.

- Drafting papers, notes, presentations and other relevant documentation and information.
- Provide the component's input for communication campaigns, incl. for the communications of impacts.

## **C. REQUIRED QUALIFICATIONS, COMPETENCIES AND EXPERIENCE**

### **Qualifications**

- University degree in electrical engineering or related field with a focus on electricity transmission and distribution and renewable energies.

### **Competencies and Professional Experience**

- Qualification should be enhanced by **at least 10 years of relevant work experience in project implementation and management related work; advisory or consulting services.**
- Experience in technology or market-based flexibility options to optimise electricity network infrastructure utilisation
- Experience in the field of power system planning and operation and the integration of renewable energy systems.
- Demonstrable ability and skill in effective stakeholder engagement and management including working with power utilities, regulators, national departments, private sector associations, consulting firms, etc.
- Experience in the conceptualisation and management of consulting approaches and their partner- and result-oriented implementation.
- Proven project management and coordination skills.
- Demonstrated management skills in leading teams of experts and expert consulting services.
- Willingness to further develop and enhance technical skills and competencies in regard to power systems, renewable energy grid integration and the energy transition.
- Excellent networks and relationships with stakeholders involved in the power sector.
- High level of flexibility and ability to engage proactively, time efficiently and competently in new and varying assignments, as well as strong interpersonal skills.
- Excellent writing and verbal communication and presentation skills (fluency in English) and the ability to clearly communicate complex issues to both technical and non-technical audiences.
- Ability to work as part of a team and independently in a structured, methodical manner.
- Relevant computer skills (Microsoft Office applications, online collaboration tools, power system modelling software, etc.).

## **D. ADDITIONAL INFORMATION**

- This position is based at GIZ in Hatfield, Pretoria.
- The contract period for this position is **until 31 December 2029** in line with the commissioning period of the project.
- For more information on GIZ-SAGEN, please visit our website: [www.sagen.org.za](http://www.sagen.org.za) .

- At GIZ, you will be offered an atmosphere that is characterised by diversity, respect and genuine equal opportunities. GIZ is a signatory to the Diversity Charter. Recognition, appreciation and inclusion of diversity are important to us. All employees shall be valued – regardless of gender, gender identity, ethnic origin, religion or belief, disability, social background, age or sexual orientation.

## **E. APPLICATION PROCESS**

GIZ will only consider applications that meet the qualification and professional experience requirements.

Suitable candidates should apply by submitting a **motivation letter (max. 2 pages)** detailing why they should be the preferred candidate and the value they will bring to the work of SAGEN. This should be accompanied by a **detailed CV (max 4 pages)** indicating their nationality for the attention of Head of Human Resource.

Internal Candidates should submit their application to: [recruit-pretoria@giz.de](mailto:recruit-pretoria@giz.de) , with the email subject line “Application for SAGEN STA: PS& Flexibility” using your work e-mail address to apply.

**External Candidates should apply via this link: <https://giz.simplify.hr/vacancy/fpt1lx> to be considered.**

Closing date for applications: **16 December 2025.**

***Only shortlisted candidates will be contacted.***

***Applications without a motivation letter will not be considered!***

***Applications with motivation letter longer than 2 pages and/or a CV longer than 4 pages will not be considered!***