



Donor Funded Staffing Program

TOR No:	2022-039
Title:	Junior Professional Officer
Grade:	UC
Division/VPU:	Infrastructure Energy Global Programs (IEEES)/Infrastructure Practice Group (GGIVP)
Duty Location:	HQ / Washington DC
Appointment Type and Duration:	Two-year Term Appointment

BACKGROUND

Energy is at the heart of development. Energy makes possible the investments, innovations and new industries that are the engines of jobs, inclusive growth and shared prosperity for entire economies. Universal access to affordable, reliable and sustainable and modern energy – [Sustainable Development Goal \(SDG\) 7](#) -- is essential to reach other SDGs and is at the center of efforts to tackle climate change. For more information: <https://www.worldbank.org/en/topic/energy>

The Infrastructure Energy Global Programs (IEEES) is a unit within the Energy and Extractives Global Practice (EEX), under a broader Infrastructure Vice Presidential Unit. As a global knowledge and technical assistance program, it provides analytical and advisory services to low- and middle-income countries through the Energy Sector Management Assistance Program (ESMAP) and the climate funds, aiming at increasing their know-how and institutional capacity to achieve environmentally sustainable energy solutions for poverty reduction and economic growth.

One of the ESMAP new area programs is focused on activities relating to power markets, grid connectivity and regional trade (MARCOT). The MARCOT Program supports a comprehensive effort of the World Bank Group and client countries and regions in designing and implementing energy sector reforms, primarily focusing on meeting conditions for establishing competitive and transparent national and regional electricity trading markets, increasing interconnectivity across regions, and scaling up regional electricity trade. These objectives are to be achieved through: (i) developing a strong global knowledge base on the agenda of markets, connectivity and trade, including guidance on market design, best practices for regional connectivity, and the introduction of trading regimes; (ii) tailoring global knowledge to the requirements of developing countries and facilitating global exchange of knowledge; (iii) informing policy makers of the available advanced market design choices, with a focus on flexible generation investments, dynamic pricing, efficient transmission investments, and demand side participation; and (iv) supporting clients in advancing the preparation of selected priority regional energy projects and developing innovative regional solutions.

DUTIES AND RESPONSIBILITIES

Note: The selected candidate will not be assigned to programs involving his/her own government such as donor coordination and trust fund management.

The IEEES Unit is seeking a Junior Professional Officer to support operations of the power markets, grid connectivity and regional trade (MARCOT) program for the following tasks:

1. **Project Management.** Assist in preparing, monitoring, and maintaining project budgets, including plans, records of fixed and variable costs and forecasts for MARCOT program and specific investment projects it supports, primarily in Africa. Prepare routine project cost data tables, implementation and disbursement forecasts, statistical information based on task manager's request. Assist in review and monitoring of the status of grant approvals and changes (extensions, additional financing and return of funds). On occasion, submit and follow-up grant proposals and modification requests on behalf of Regional Coordinator. Deliver an updated workbook to monitor the status.

2. **Research.** Conduct research for selected activities, e.g. those relating to market design, power system integration and electricity trade. Help manage an online knowledge database of global and country-specific reports, studies and other documents related to markets, connectivity and trade, including by collecting and curating internal and external materials. Contribute to knowledge products, including to help prepare and revise reports, presentations, and guidance material, drawing on own research and inputs of colleagues and external experts. Perform bibliographic data entry and database search and retrieval. Collect, and compile information or data; search references, prepare abstracts; and constructs bibliographies. Assist in efforts to collect, analyze and disseminate data relating to power markets, their structure, enabling conditions, as well as outcomes such as prices and participation.

3. **Communication and Outreach.** Interact as appropriate with the Regional teams engaged in, or considering, activities aimed at designing and implementing energy sector reforms, regional electricity market integration and promotion of cross-border trade, as well as cross-border transmission interconnection projects. Support communications, events and awareness raising activities, including liaison with other development partners. Identify topics of interest related to markets, regional connectivity and trade, such as technical insights or recent developments as a basis for creating occasional articles for publication.

SELECTION CRITERIA

- **Educational Degree:** Master's degree in a relevant discipline, preferably including curriculum relevant to electricity markets and cross-border electricity trade (economics, finance, business, public policy or power systems engineering).
- **Relevant Experience:** at least three years of relevant experience in electricity sector preferably with a focus on power regulation, markets, competition or power trade, transmission and interconnections, utility operations. Experience in project management and budgeting, database management for research and analysis purposes would be a plus.
- Knowledge and skills in office software including Excel, Word, PowerPoint. Knowledge and skills in Tableau highly desirable.
- Excellent communications skills, especially in written English with ability to prepare articles and web materials ready for publication.
- Knowledge of World Bank and ESMAP operational processes and procedures for all stages of the project cycle (e.g., pre-appraisal, appraisal, negotiations, board presentation, signing, supervision, implementation) highly desired