



BUSINESS & DATA ANALYST

Background

With funding from the Rockefeller Foundation, and support from the World Bank, USAID and Yoma Strategic Holdings, Pact launched Smart Power Myanmar – a new platform for accelerating electricity access and related economic development through decentralised energy solutions (i.e. renewable energy-based mini-grids). Smart Power Myanmar acts at the intersection of the private, public, financial and community development sectors, and will help to catalyse the overall energy/rural development market. In partnership with our Founding Members, which include Rockefeller Foundation, World Bank, USAID and Yoma Strategic Holdings, and many partners, we plan to help connect more than 10 million people to reliable electricity in the coming years. We are looking for an outstanding candidate with exceptional leadership skills to help us link communities and their businesses to new sources of electricity. In particular, we seek experts with proven track records in energy and rural development who are passionate about improving the lives of people through economic growth opportunities. SPM works in a range of areas, including but not limited to policy development and advocacy, investment facilitation, energy project development and demand creation at the community level as well as knowledge and data

Role Summary

Business & Data Analyst will provide critical techno-economic analytics across the energy access sector that would inform work of Smart Power and other stakeholders, incl. the Government of Myanmar, development agencies and private sector. Under a guidance from senior management and technical experts, the Business & Data Analyst will work to develop demand projections modelling, mini-grid business modelling, pricing structures, mini-grid performance monitoring and analytics, etc., and aggregate the results to develop information streams for Smart Power Myanmar' team. S/he will assist the Energy Services Senior Director in business modelling to support the rollout of commercial initiatives for energy access in remote regions. By analysing performance data of local developers to develop standardized, low-risk, high-performance mini-grid business models, s/he will be crucial to facilitate access to finance for mini-grid developers' investment-ready projects for rural energy supply. Ensuring that Smart Power Myanmar's data is of high quality, s/he will oversee implementation of M&E systems and track Smart Power Myanmar's performance indicators to aggregate results and evidence for dissemination. This role might require working with a variety of off-grid energy data platforms (Odyssey, AMMP) as well as Microsoft tools and mini-grid developer software (HOMER).

The Business & Data Analyst will be a part of a small team of energetic professionals who are results-oriented and dedicated to the pursuit of excellence in a challenging and diverse environment and will work under a direct leadership of Energy Services Senior Director.

This position is open to Myanmar and international candidates with strong interest in data science, analytical mindset and relevant experience. Applications from women professionals are highly encouraged.

Core Responsibilities

- I. **Data/evidence collection, management and analytics for decision-making**, incl. the following:
 - a. Collect data from Smart Power Myanmar's partners relevant for decentralised electricity market, maintain and update the Smart Power database
 - b. Conduct business and operational performance analyses related to decentralised electricity access and propose actionable solutions on improving performance and efficiency of mini-grid business models
 - c. Engage with private developers, investors and other partners in evidence generation, data analysis and business modeling to improve functionality and performance of energy access business models
 - d. Provide inputs to mini-grid related reports and effectively communicate results of analyses and solutions proposed in clear and concise summaries and presentations
 - e. Extract, clean, audit and prepare data for analysis for external agencies
 - f. Propose and develop a suite of automated analyses that allow focusing on actionable items of improvement
 - g. Operate, maintain, and improve existing data collection processes, modelling and diagnostic tools; including working with a variety of off-grid energy data platforms, such as Odyssey, AMMP
 - h. Assess the quality of data produced and received and proactively develop and implement solutions to address quality issues
 - i. Help the communication teams with audio-visual production (photos, videos), incl. data visualisation for storytelling
 - j. Conducting field visits and support the field team to extract information and data necessary to inform Smart Power's work
 - k. Other duties as assigned

Approximate % of workload: 75%

- II. **Monitoring, evaluation and learning (MEL) support**, incl. the following:
 - a. Assist with effective implementation of MEL processes and knowledge management systems, receive and provide MEL specific technical training, mentoring, and coaching to the program team, and, as applicable, to Smart Power Myanmar's partners
 - b. Assist with monitoring of progress and reporting of results of Smart Power Myanmar's initiatives and activities and support Smart Power Myanmar's team and partners in using data for informed and timely decisions related to the facility operations, initiatives, projects and innovations
 - c. Other duties as assigned

Approximate % of workload: 25%

Profile of a successful candidate

1. Skills

- Bachelor's Degree in Engineering, Computer Science, Mathematics or related subject, with a minimum of 2 years of relevant experience
- Demonstrated strong background on data analytics through education or working experience
- Ability and skills to design, maintain and update databases
- Proven experience in translating results of analyses into actionable insights for business performance improvements
- Experienced in data profiling, auditing, mining, cleaning, querying - analyzing complex time-series data, and working on large databases to draw insightful conclusions and recommendations, incl. presenting and visualising the results in a clear understandable manner
- Experience working in the electricity/energy sector and knowledge of energy modelling software (i.e. HOMER) will be an added advantage
- Strong written and verbal skills in English to communicate effectively and succinctly at all levels

2. Behaviours

- Independent, self-starter with an interest in working in a flexible environment
- Has a sharp eye for detail, quality and accuracy, coupled with a capacity for planning, organizing and analysing large-scale complex data
- Outstanding problem-solving skills with the ability to recommend solutions
- Ability to work within established deadlines with minimal direct supervision
- Maturity to exercise independent judgment on basic projects and assignments
- Experience managing multiple deliverables and remaining flexible with a can-do attitude
- Team-oriented individual
- Strongly motivated to drive social impact and improve lives

Location

Yangon, Myanmar

Remuneration

Competitive

How to apply

Interested candidates are invited to submit a cover letter and resume/CV, including contact details, two referees and vacancy reference '*Business & Data Analyst*' to jobs@smartpowermyanmar.org, copying myanmarhr@pactworld.org **by 26 July, 2019, 5 PM (MMT)**. Early applications are encouraged. The interviews will be held in Smart Power Myanmar's office in Yangon; only shortlisted candidates will be notified.