

Projects for Good

Solar PV Installation Project – Standard Chartered Bank Head Office Sierra Leone

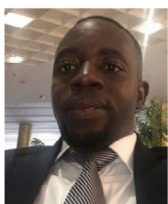
With the support of our regional energy and environment team, Simeon S. Koroma (Country Head of Property) is leading a project team to install a 100kw Solar Photovoltaic (PV) array on the Standard Chartered Bank (SCB) Sierra Leone Head office. The aim of this project is to set a precedent and encourage others to follow the fight to reduce the carbon footprint in the country by deploying renewable energy solutions, as this project will be the biggest solar project in the country for any corporate institution. “Among renewable energy resources, solar energy is by far the largest exploitable resource...” (Nathan and David, 2006)

The use of fossil energy remains predominant in Sierra Leone which has an adverse effect on the climate. The lack of electricity provision to most areas of the country has forced companies to be solely dependent on generators for self-generation of electricity. This has seen electricity generation taking a huge portion of company budgets. Apart from the explicit cost of running generators and getting power from the national grid, controlling carbon emission levels remains a key challenge for most organizations in Sierra Leone.

In 2017, SCB Sierra Leone budget on energy generation constituted 40% of the total budget of the Property Management Function. The Bank recorded an Energy Use Intensity (EUI) of 888kWh/m²/yr. which was among the highest in the SCB Group. It is on this background that Simeon proposed to manage energy efficiency projects among which is the installation of the solar PV. Management has supported Simeon’s proposal and is ready to fund the project.

The project is set to be completed in December and benefits fully realized starting from January 2020. Among the benefits this will bring are:

- A reduction of the energy cost
- Reduction of power down time
- Reduction of our carbon footprint



Project by Simeon S. Koroma
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