Feasibility Study of a 1.5MW Solar PV Power Project

ASD was hired by the Kenyan Association of Manufacturers (KAM) to conduct a solar PV feasibility study for a 1.5MW system at Umpja Rubber Productions Ltd. in Mombasa.

OVERVIEW

This feasibility project entailed identifying physical and economical aspects for developing solar PV power projects at chosen sites. The project also examined the local topography, assessed resource availability and provided an initial assessment of the solar PV viability. In doing so, ASD identified key areas of risk and suggested mitigation actions as well as determined the economic viability. To move forward with plans, ASD developed a roadmap for the next steps and pre-planning stages. A detailed design of the PV system and grid tie connection assessment and design was developed and ASD recommended in installation of a 1,450kWp solar PV system size for Umpja Rubber Ltd. to improve green energy and reduce long-term energy costs approximately by 19%.

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Client:
Kenya Association of Manufacturers (KAM)

Location:
Mombasa, Kenya

Start Date:
January 2017

Completion Date:
March 2017

Key Services:
- Solar PV Feasibility Study