

BXC TANZANIA LIMITED PROJECT PROGRESS REPORT

TANZANIA 2025



1. Introduction of Tanzania

Tanzania is located in eastern Africa, south of the equator, and consists of Tanganyika (mainland) and Zanzibar (island), with a total area of 945,000 square kilometers (of which Zanzibar is 2,654 square kilometers). It borders Kenya and Uganda to the north, Zambia, Malawi and Mozambique to the south, Rwanda, Burundi and Congo (DRC) to the west, and the Indian Ocean to the east.

Tanzania has a population of about 61.5 million (as of the end of 2020), ranking sixth among African countries. Among them, there are 53.69 million people in mainland Tanzania and 2.2 million in Zanzibar, with an annual increase of about 2 million people. The urban population accounts for about 33.8% of the total population. Cities with relatively concentrated population distribution include: Dar es Salaam (about 6 million), Mwanza (about 1 million), Dodoma (about 450,000), Arusha (about 410,000), and Mbeya (about 380,000).

Tanzania is rich in mineral resources. The main minerals that have been identified include gold, diamonds, iron, nickel, uranium, phosphates, coal and various gemstones. Tanzania also has huge reserves of natural gas resources. According to official data released by Tanzania, Tanzania's proven natural gas reserves currently amount to 57 trillion cubic feet, and the total reserves are expected to be 200 trillion cubic feet.

Tanzania is one of the top 3 countries that attract most foreign investors among African countries. More and more investors have shown their confidence and comfort to invest in Tanzania.



1. Introduction of BXC Tanzania Limited

BXC TANZANIA LIMITED was established in November 2023. Its mission is to develop new projects in the power industry in Tanzania.

Following the guidance of Tanzania Electricity Rules of 2020, BXC TANZANIA LIMITED has been searching for strategic locations to develop small power project, and to follow to procedure to sign the SPPA (Standard Power Purchase Agreement) with Tanzania Electric Supply Company Limited (TANESCO) .

The development of small power project is governed by Small Power Project (SPP) Rules issued by Energy and Water Utility Regulatory Authority (EWURA) in July 2020. In accordance with the SPPs Rules, the renewable power projects ranging from 100kW to 10MW are supposed to be developed in strategic areas only. The SPP Rules article (4) provides that “An area deemed to be of strategic in nature should provide technical benefits to a Distribution Network Operator (TANESCO) ” and that :

- a. The proposed project will improve the voltage profile towards the standard nominal voltage or to bring it within the standard tolerance levels of +/- 10% of the standard nominal voltage; or
- b. The proposed project will reduce Distribution Network Operator's system losses by at least 10% of the existing losses.
- c. The power generated must be consumed within local distribution feeder.

2. Introduction of Solar Power Plant Projects

After thorough searching and study, we had located four strategic sites for the small solar power plant project.

We have submitted a complete Feasibility Study report to TANESCO, including detailed design, interconnection and load flow study, architecture and civil drawing, geophysical survey report, geotechnical report, meteorological data, environmental and social impact assessment, and financial analysis.

After going through the legitimate procedure with TANESCO and EWURA, we have successfully signed the following SPPA with TANESCO:

1. 5MW Kayenze Ushetu Solar Power Plant in Shinyanga region (SPPA signed on 21st March 2024);
2. 5MW Bosonzo Bukombe Solar Power Plant in Geita region (SPPA signed on 21st March 2024);
3. 10MW Ikina Geita rural Solar Power Plant in Geita region (SPPA signed on 17th September 2024);
4. 7MW Orkesumet Simanjiro Solar Power Plant in Manyara region (SPPA signed on 17th September 2024)

We, acting as an IPP (Independent Power Producer), are going to build the solar power plant on our own cost, and generate the power and sell to TANESCO. The Standard Power Purchase Agreement (SPPA) will last for 20 years. The rate is USD0.07/kwh. During the 20years, all the electricity power generated in the solar power plant will be sold to TANESCO solely.

3. Progress of the on going solar power plant projects

After signing the SPPA, we have dedicated our efforts to implement the project.

Here are the progress report for the projects:

	BXC Project name	TIC Certificate Number	Updated Project Progress
1	5MW Kayenze Ushetu Solar Power Plant in Shinyanga region	202461958	It had been commissioned on 24th May 2025.
2	5MW Bosonzo Bukombe Solar Power Plant in Geita region	202492228	All the solar panel have been installed. Plan to commission this power plant in July 2025.
3	10MW Ikina Geita rural Solar Power Plant in Geita region	202512485	Had completed the land compensation payment. Now working on the land title procedure. The technical team is doing detailed designing on the plant.
4	7MW Orkesumet Simanjiro Solar Power Plant in Manyara region	2024122439	Had completed the land compensation payment. Now working on the land title procedure. The technical team is doing detailed designing on the plant.

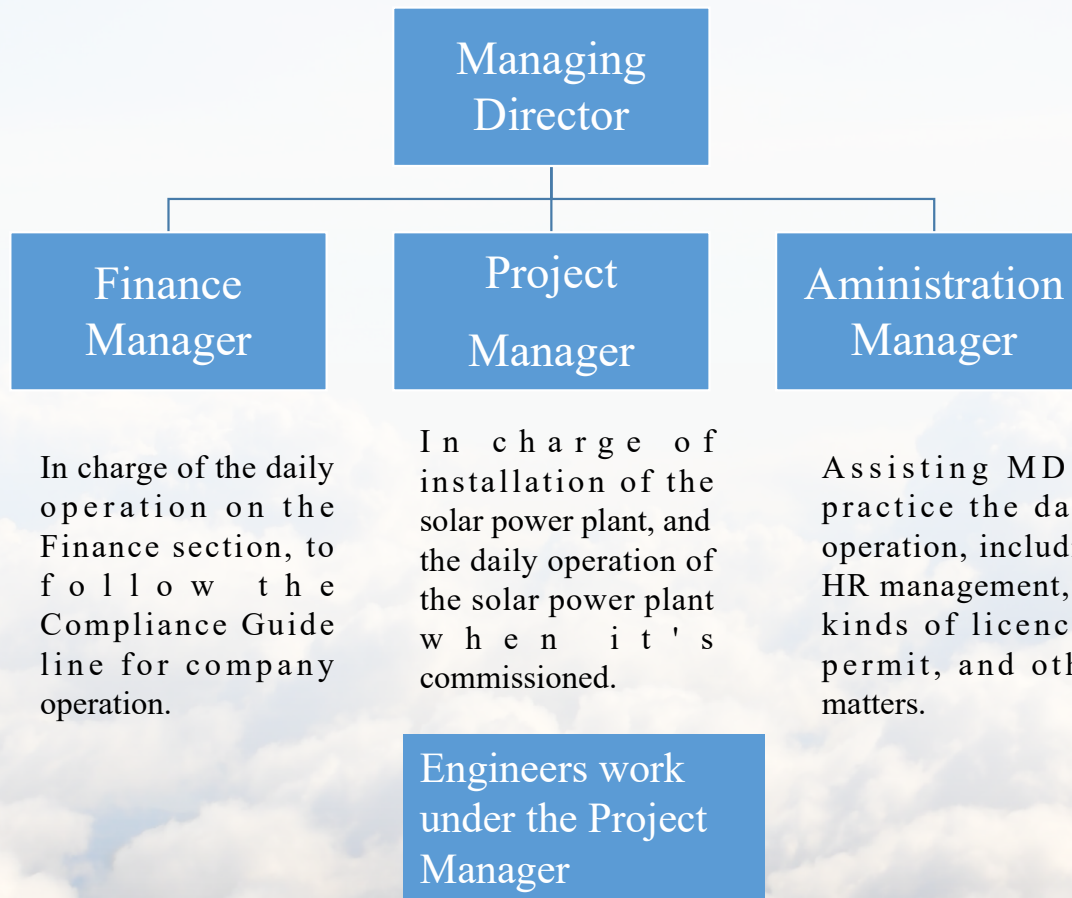
3. Progress of the on going solar power plant projects

Here are some pictures from the project sites;



4. Organization Chart

Here is the organization Chart for BXC Tanzania Ltd.



1. Currently, there are 5 engineers working at the project site. During the installation of the project, around 50-80 casual workers have been recruited;

2. During the operation of the project, around 10 workers will be recruited for the daily operation and maintenance of the solar power plant.

3. All the workers will work under Project Manager.

POWER THE FUTURE

Thank you very much !



BXC COMPANY (GHANA) LIMITED

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