

# **TANZANIA ELECTRIC SUPPLY COMPANY LIMITED**



## **TANESCO MAJOR POWER INVESTMENT PROJECTS**

*November, 2021*

S/N	ITEM	REMARKS
02	<b>PROJECT NAME</b>	<b>SINGIDA SOLAR POWER PROJECT - 100 MW</b>
	<b>IMPLEMENTING AUTHORITY</b>	National Development Corporation (NDC) and Partners
	<b>LOCATION</b>	The project is located at Unyanga Village, 14km West of Singida Municipality along the Singida- Mwankoko Road, 700 km from Dar es Salaam.
	<b>SHORT PROJECT DESCRIPTION</b>	The objective of the project is to establish a solar farm for power generation of <b>100MW</b> and supply to the National Grid. Pre-Feasibility Study was completed in 2015 and several reviews were made while full feasibility study and updates was completed in October 2017. ESIA Report was completed in March 2017 while the ESIA Certificate was issued in July 2017. Both studies have shown that the project is economically/financially viable and environmentally sustainable. About 569 ha of land have been identified for development of this project while arrangements for acquiring 150 Ha of land are at an advanced stage.
	<b>PROJECT BENEFITS</b>	<ul style="list-style-type: none"> <li>✓ Increase power consumption per capita in the country</li> <li>✓ Project will improve Tanzania's current power generation mix by utilizing natural solar resources for sustainability;</li> <li>✓ It will offer environmentally sustainable clean energy project for the country to attract carbon credit;</li> <li>✓ Significant reduction of cost will be realized by replacing imported fuel required to run diesel/HFO engines;</li> <li>✓ Job creation to indigenous Tanzanians, small business entrepreneurship and increased Government revenue through various taxes;</li> <li>✓ The project will bring new skills and expertise in the solar power technology, first ever in Tanzania</li> </ul>
	<b>PROJECT COST ESTIMATES</b>	Project cost has been estimated at USD 126 Million
	<b>PROJECT STATUS</b>	The project requires a strategic investor who will partner with NDC for project development.

<b>FINANCING STATUS</b>	Financing arrangements for the first 50MW is required.
<b>CONTRIBUTION TO INCOME GENERATION AND/OR POVERTY ERADICATION</b>	Harnessing solar energy for clean and sustainable power generation to supply to National power grid will generate income and employment of local labour, hence poverty eradication as well as expanding Government revenue through taxes and other incomes.
<b>DESCRIPTION OF PARTNERSHIP REQUIRED:</b>	Public Private Partnership (PPP)
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