



PRESS RELEASE

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400/220kV MARIAKANI SUBSTATION TO BE COMPLETED IN JUNE 2023

The 400/220 kV Mariakani substation is set to be completed in June 2023, Board Chairman Kenya Electricity Transmission Company Limited (KETRACO) Mr. Abdi Bare Duale has said.

Mr. Duale said that the substation is a key part of the grid connecting Coast Region (Rabai) and Olkaria, Nairobi, Isinya and, Kipeto.

“The future Special Economic Zone at Dongo Kundu will be served from this substation. Kwale County will also benefit when a future line is done from a Tee-off to Shimoni,” said Mr. Duale.

Speaking at Mariakani substation, the Chairman said overall work completion at the substation project stood at 94 percent, noting that construction work was 90 percent, procurement 99 percent, engineering and design 99 percent and test and commissioning 30 percent complete.

The Chairman who was flanked by Ag. Managing Director, Eng. Isaac Kiva and General Manager, Design, Construction Eng. (CPA) Antony Wamukota and Company Secretary and General Manager, Legal Services Lydia Sitienei was on a projects inspections visit to the Coast Region.

Mariakani Substation is an essential part of the 482km 400/220kV Mombasa - Nairobi transmission line as it steps up the power to ensure it is transmitted over long distances (over 400km) thus reducing transmission losses.

The project falls under the system strengthening/capacity enhancement projects that aim to improve the transfer capacity of electrical energy as well as address the challenge

of low voltages, high transmission losses, and unreliability of supply and network security.

According to Mr. Duale, the project scope involved Design, Supply, Installation, Testing and Commissioning of 400/220KV Mariakani Substation with two 200MVA Power Transformers.

It is jointly financed by African Development Bank and Government of Kenya at a cost of Kshs 3,365,488,477.25 . China CAMC Engineering CO., Ltd. (CAMCE) is undertaking the construction works with a target completion date of 30th June this year. Contract Commencement Date was 9th February 2019.

Mr. Duale said the project will also improve the quality and reliability of power supplied to the Coast region, ensure efficient utilization of the 500kV Ethiopia-Kenya HVDC link and the imported power through the Suswa-Isinya Transmission Line and supply reliable power to the Special Economic Zone in Dongo-Kundu.

The 400kV Mariakani substation will also link the 400kV Isinya Substation via an upgraded 400kV Mombasa-Nairobi Transmission Line currently operating at 220kV that will improve the power transfer capacity and reduce power losses.

About KETRACO

KETRACO , owned by the Government of Kenya, was incorporated on 2nd December 2008 under the Companies Act, pursuant to the reforms in Sessional Paper No.4 to plan, design, construct, own, operate , and maintain high voltage national electricity transmission lines and regional power interconnector which form the backbone of the National Electricity Grid.

In carrying out its mandate, the Company is developing a new robust grid system to:

1. Improve quality, reliability , and safety of electricity supply throughout the Country.
2. Transmit electricity to areas that are currently not supplied by the national grid.
3. Evacuate power from planned generation points.
4. Provide a link with the neighbouring countries to facilitate power exchange and trade in the East Africa Region
5. Reduce electricity transmission losses hence reducing the cost to the economy.
6. Protect electricity consumers from the high costs of power by absorbing the capital transmission infrastructure.

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