



## Base Load TANESCO, Tanzania



Who: TANESCO  
What: 10 x B32:40V16  
When: 2013  
Where: Mwanza, Tanzania

### Bergen Engines delivers reliable power to Tanzania

East Africa's second-biggest economy Tanzania faces electricity challenges: When there are black-outs and drops in the conventional power grid the society is affected and the economic growth slows down. Additional electricity to the grid is required, and heavy fuel oil (HFO) engines in power generation will become more and more important in the coming years.

Tanzania Electric Supply Company Limited (TANESCO), which is wholly owned by the government of Tanzania and the Ministry of Energy and Minerals, generates, transmits, distributes and sells electricity to Tanzania mainland and sells bulk power to the island of Zanzibar. In March 2010, Bergen Engines started negotiations with TANESCO to develop a 60 MW heavy fuel power plant based on ten B32:40V16 diesel generators to be built near the second largest city in Tanzania, Mwanza, to ensure the power supply of an area in the north eastern corner of the country.

By the end of August 2013 all ten generator sets had been proven up to full load running on heavy fuel oil. The President of the United Republic of Tanzania, Mr. Jakaya Mrisho Kikwete officially opened the Power Station on 8th September 2013. "The plant is an important achievement to us and a great reference plant which has created interest in our power system packages also in HFO plant applications. With this reference and with the other HFO plants we have delivered to Bangladesh we have become known to have reliable products for this type of application that are in most of the cases built to provide electricity to the national electricity grid" says Markku Aspholm, Vice President EMEA for Land in Bergen Engines.



Bergen Engines is a subsidiary of Rolls-Royce Power Systems, supplying medium-speed gas and liquid fuel engines for a broad range of power generation applications. Bergen Engines supports your business with reliable power solutions from 1,400 kW to 9,600 kW per engine, and complete power systems that can deliver an output of beyond 200 MWe.