

## **Tanzania's Natural Gas Infrastructure Project In Final Stages**

Tanzania's Natural Gas Infrastructure Project is in the final stages of implementation, and commissioning of the infrastructure has started in August 2015. WorleyParsons was appointed by Tanzania Petroleum Development Corporation (TPDC) as Project Management Consultants (PMC), covering the overseeing of engineering, procurement, construction and commissioning, working alongside China Petroleum Technology and Development Corporation (CPTDC), the main EPCM contractor for the project.

The project comprises a natural gas processing plant in Songo Songo Island (140 mmscfd), a natural gas processing plant in Madimba (210 mmscfd), and a series of onshore and offshore natural gas transportation pipelines (542 km) in the southern part of Tanzania. The objective of the project is to ensure adequate and reliable power supply for the country and to provide affordable and reliable energy for industries, which is expected to create a positive contribution to the Tanzanian economy. To secure domestic obligation and maximise opportunities on the natural gas value chain, TPDC intends supplying natural gas for domestic use as well as CNG for motor vehicles.

Following official commissioning of the project, natural gas entered Madimba Gas Processing Plant on 20 August 2015 at 23h20. Ensuing the successful (ongoing) commissioning of the plant, gas was introduced into the pipeline to flow from Mtwara to Dar es Salaam on 4 of September 2015 and reached the End-Station of Tegeta in the north of Dar es Salaam on 6 of September. Positive commissioning of the pipeline ensued and introduction to downstream users to fire up gas turbines for power generation at Ubungo and Kinyerezi I, both operated by Tanzania Electricity Supply Company (TANESCO), commenced on 18 September 2015.

Speaking during an inspection visit of the new natural gas infrastructure sites at the end of July 2015, the board chairman of TPDC said, "We are happy with the progress of the project and satisfied with the quality which is of international standard just like the project itself. We have been assured by our contractors and project consultants that the pipeline

can transport natural gas without jeopardising health and safety of any human being and/or living organism along the pipeline.

“(We) would like to express our appreciation to the main contractor CPTDC, and sub-contractors, CPE for the gas processing plants and CPP for the gas pipeline, both from China, for the successful implementation of this project. They have shown a high level of professionalism and technological advancement and for this they have assured reliable power for the people of Tanzania to build up the economy. Moreover, we would like to express our sincere appreciation to the locals who have provided nothing but support throughout the project to TPDC and contractors. We also thank project management consultants WorleyParsons for providing consultancy to TPDC throughout the project.

“We believe that successful implementation of this project will benefit the whole nation. The completion of this project marks a milestone in the oil and gas sector in the country. With this infrastructure in place, we can now attract more investors in the upstream sub-sector as well as other sectors of the economy by assuring availability of reliable power.”

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