



Enriching Lives

## Empowering Communities in Telangana: KBL Drives the Udaya Samudram Lift Irrigation Scheme



Kirloskar Brothers Limited (KBL), is delighted to contribute to Telangana's Udaya Samudram Lift Irrigation Scheme. Central to this initiative are two Vertical Francis Turbine pump sets with moveable guide vane mechanisms, each powered by a 16 MW motor – the first and largest of their kind to be indigenously designed and manufactured for this motor rating. With an impressive discharge capacity of 13,000 litres per second (per pump), these pump sets deliver efficient and dependable performance, ensuring consistent water supply for irrigation and clean drinking water.

This groundbreaking project aims to irrigate 1 lakh acres of farmland and provide safe drinking water to villages in the Nalgonda and Yadadri Bhuvanagiri districts. By lifting 6.70 TMC of water at a head of 95 metres (Udaya Samudram reservoir to Brahmana Vellamla reservoir at Chowdampally, Nalgonda), the project is set to significantly boost agricultural productivity and enhance the quality of life for thousands of residents, driving rural communities towards prosperity.

**KIRLOSKAR BROTHERS LIMITED**

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