

Capacity building and emergency repair of existing hydro power plants in Tanzania



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Procurement assistance and facilitation of training for plant maintenance

Background:

TANESCO's hydropower plants are in need of both emergency repair and a scheme of planned maintenance. The programme intends to address this through assisting TANESCO with funds and capacity to conduct the activities.

The Program Document and Institutional Cooperation Agreement for the cooperation project were rewritten, finalised and signed in November, 2011. The following 5 plants are under rehabilitation: Mtera hydropower plant, Kidatu hydropower plant, Nyumba ya mungu hydropower plant, New Pangani Falls hydropower plant, Kihansi hydropower plant

Activities:

An overview of programme activities is given below, theme by theme.

Emergency Initiative Management:

- "To assist TANESCO for emergency upgrading and immediate training of the personnel."
- First round of tenders resulted in only 1 bid from an electrical supplier.
- NVE/TANESCO discussed the problem together with Royal Norwegian Embassy. It was decided to split into electrical and mechanical lots, and also powerplant-wise.
- NVE suggested use of an Owner's Engineer to help TANESCO with coordination of the lots.
- RNE agreed to increase project budgets to finance this. Tender was refloated at end of 2012.
- NVE will engage an Owner's Engineer Consultant on behalf of TANESCO

Overall Project Data

Client: Tanzania Electricity Supply Company Ltd (TANESCO)

NVE Mandate: NVE to facilitate TANESCO in rehabilitation of hydropower plants and training of operation and maintenance personnel.

Contract Value/ Duration: MNOK 23. Agreement signed in November, 2011.

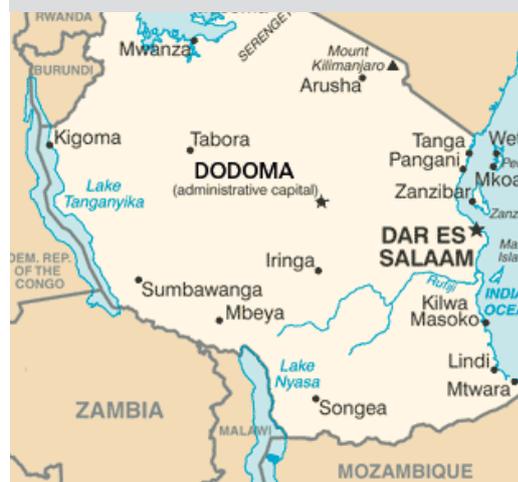


Capital: Dar Es Salaam/Dodoma

Population: 48,261,942 (July 2013 est.)

Total installed capacity: 840 MW

Main Energy Sector Authorities: TANESCO



Capacity Building in TANESCO

“To increase professional level and knowledge of the staff at TANESCO, and sufficient capacity to reach the goals set in the Power Sector Reform Strategy (PSRS).”

Training needs assessment was finalised and budgets estimated for the various training. Trainings in dam safety were completed in mid 2012. Plans for further trainings were drawn up.

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