

Project Summary

Projekt Background

KfW has financed various programmes and projects to improve the supply situation particularly in the central Kabul region. These embraced both, the rehabilitation of parts of the transmission and distribution systems as well as the rehabilitation of the hydro power plants Mahipar und Sarobi, which together with the Naghlu hydro power plant are the backbone of the energy generation and supply of the Kabul region.

During the execution of the various rehabilitation programmes it became evident that large deficiencies exist in nearly all aspects of the facilities' operation and maintenance due to lack of formal technical education, deficiencies in plant management and engineering capabilities, lack of adequate operation and maintenance budgets. Among others, the stated deficiencies will jeopardize the success of the above mentioned rehabilitation and extension programme and will impose a high risk on the sustainability of the newly rehabilitated facilities.

Project Objectives

The overall objective in the energy sector is to improve the quality of service. The supply with electrical energy shall be safe and efficient. The training programme is intended to support this goal through improved operation and maintenance in the post-rehabilitation/investment phase. By this training Da Afghanistan Breshna Moassese (DABM) of the Ministry of Energy and Water (MEW) shall be enabled to sustainably increase the reliability and availability of the electricity facilities within the Kabul region and to considerably improve the electricity supply situation.

Project Activities

- Identification of potential capacity building measures;
- Creating synergies, networks, logistics;
- Design of the training programme;
- Trainings / capacity building measures;
- Evaluation and hand-over.

Implementation Features

Trainings in the following fields:

- Technical issues (T&D, mechanical maintenance, electrical maintenance, operation, civil engineering);
- Management (Finance, human resources, organizational issues, spare parts, quality assurance);
- General issues (first aid, personal safety, environmental care, disaster training, fire fighting, electrical safety);
- Training of trainers;
- Establishing effective communication and experience-exchange channels with other stakeholders related to O&M, including donor agencies.

Services Provided

- Design and implementation of technical and managerial trainings for hydropower operators and technicians
- Strengthening and capacity building of the state operator DABM
- Provision of technical problem solving and ad-hoc solutions for HPP Sarobi and Mahipar

Afghanistan

Hydropower Training Programme

Client

KfW / Ministry of Energy and Water

Duration

02/2008 - 01/2010

Personnel

- 6 international experts (42 PM)
 - O&M Manager
 - Training and HRD Specialists
 - Engineers
 - IT specialist
- 2 Local staff (31 PM)
 - O&M specialists
 - hydropower engineers

