Project Summary

**Project Background**
The French cooperation in Afghanistan plans to supply Tagab District with electric power for household and productive use. A technical study on possible supply options was conducted. The study indicated that a supply from Mahmood-e-Raqi (Centre of Kapisa Province) via the 20 kV transmission line currently under construction is technical not feasible. Only option left is the supply from Naghlu hydropower station about 30 km south of Tagab via a 110 kV transmission line and the appropriate 110/20 kV substation in Ahmad Beg (Nejrab District).

**Project Objectives**
The overall objective of the project was to improve living conditions in the selected project areas through provision of electric power as one key factor for an economic development of the rural area with resulting generation of income possibilities. Direct beneficiaries are about 3,800 households or 38,000 people.

**Project Activities**
- Tendering of 110 kV OHL Line + 110/20 substation (LOT1) and 20/0.4 kV systems (LOT2) to obtain unit costs;
- Field survey to obtain exact values of components;
- Technical design of components aiming at further extension;
- Development of final and construction designs;
- Connection of Tagab Center and selected villages in consultation with the provincial authorities and Shuras in coordination with the Employer (Ministry of Energy and Water) and DABS (Afghan Electricity Utility);
- Productive use activities (definition of potentials for promotion of new or improved businesses, definition of needs and opportunities for training and access to finance).

**Implementation Features**
The project implementation was based on the following methodological approaches:
- Coordination and implementation as close as possible with the local population, the local Shuras and the administrative units at district and province level;
- Procurement of equipment under this contract will be made in compliance with acknowledged rules and regulations (e.g. ICB);
- The construction works is organized and conducted by using local workforce to the greatest extent possible to leave as much benefits as possible in the project area;
- Training of operators improves operation and maintenance of the power stations and distribution systems, provides power of better quality and quantity and contributes to the extension of the project’s lifetime;
- Training of consumers (especially women) improves knowledge about electricity in general and of safety and health aspects in particular and leads to lower peak demand and lower accident rates.

**Services Provided**
- Feasibility studies and detailed engineering studies for transmission and distribution lines in Tagab District
- Renewable energy planning on district level in coordination with provincial authorities
- Selection of villages along the transmission line
- Elaboration of detailed technical and construction design
- Tender preparation, evaluation of submitted offer and preparation of contract
- Supervision and Monitoring of the entire Programme during implementation
- Financial Management of the allocated budget by AFD/Embassy of France
- Training of operators and introduction of adjusted tariff and billing system in cooperation with DABS
- Conduct business trainings in all villages and district centres
- Support new entrepreneurs in establishing of business
- Conduct awareness campaigns for electric users